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**28TH EAA ANNUAL MEETING
BUDAPEST, HUNGARY
31 AUGUST - 3 SEPTEMBER 2022**



PROGRAMME BOOK

28th EAA Annual Meeting (Budapest, Hungary 2022) – Programme Book

Online version

Names, titles and affiliations are reproduced as submitted by the session organisers and/or authors. Language and wording of titles and abstracts were not revised.

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European Association of Archaeologists

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28TH EAA ANNUAL MEETING BUDAPEST, HUNGARY 31 AUGUST - 3 SEPTEMBER 2022

PROGRAMME BOOK

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Welcome to the Annual Meeting



Eszter Bánffy

Dear Participants of the 28th EAA Annual Meeting,

here is our full programme: a result of an effort by local organisers, EAA staff and the Scientific Committee, who have done this for us for the second time within two years. You may have noticed our logo for the 2022 Annual Meeting, reflecting that it is our strong intention to re-establish, re-consider and re-integrate our lives in the (hopefully) post-Covid situation, along with our work in archaeology, in-person contacts, discussions and our entire social network, after such a long time of separation and isolation.

The large themes of this year partly reflect this effort, and partly should resonate with the Carpathian basin as a zone for mobility and transit for millennia. Our nearly two hundred sessions, six keynote lectures and almost 1700 authors with more than 2000 contributions within the three conference days are altogether a strong signal of our membership to become re-integrated indeed.

For the first time in the history of the EAA, each of our sessions will be available both in presence and online: the 2022 Annual Meeting will be fully hybrid! Nevertheless, the fact that the absolutely overwhelming majority declared to be present in Budapest can be taken as a further sign of expressing our joint wish: we want to come together, listen to each other's new ideas and research results, but meanwhile, the wish for hugs and nice chats with a sip of Hungarian red wine might also be part of this strong presence in Budapest. The earlier constraints about the definite ceasing of face-to-face conferences, especially large ones, have not proved true.

What this city can offer you is only partly reflected in the conference programme – so many experiences in terms of archaeology, culture, but also natural beauty, as the Danube cuts Budapest into a hilly Pannonian, "Roman" area and a flat "steppe" part in the "Barbaricum". Nevertheless, you will find some of the cultural events, exhibitions and book launches information in our Programme Book. I wish



you a pleasant surfing online or flipping through the pages of the paper edition, and above all: a vibrant, joyful, long-lasting archaeological and social buzz at the time of our Annual Meeting.

Eszter Bánffy

President of the EAA

Welcome to Budapest



Alexandra Anders, Dávid Bartus, Szilvia Fábíán & Eszter Kreiter

The Local Organising Committee of the 28th Annual Meeting of the European Association of Archaeologists, the Eötvös Loránd University (ELTE) in partnership with the Hungarian National Museum (HNM) is honoured to welcome all participants of the meeting arriving to Budapest!

We are going through an extremely difficult period full of challenges and changes, and both our personal lives and professional activities are increasingly affected by countless circumstances – political changes, wars, pandemics, climate change, to name but a few. Yet, it was Covid that provided the exceptional opportunity to again host the AM in Budapest after the 2020 online meeting. For the first time in the history of the EAA, this meeting will take place in a hybrid form, being both live and online.

Our logo was inspired by our previous one, a motif adopted from a jug of the Roman-period Seuso Treasure, which has to some extent been re-interpreted. The dynamism of the lines commencing from a central point or, conversely, converging on it, represents for us the openness, vibrancy and freedom of thought and research. We chose our colours carefully: green for its connotations of a reflective mood and for stimulating creative ideas as well as for its symbolism of environmental awareness, and yellow for its association with optimism, sunshine and warmth, which we are all sorely in need of after two years of social distancing. Our motto, [RE]INTEGRATION, hopes to encapsulate and convey these concepts. The challenges posed by the changing world around us have led to the re-arrangement of our physical and intellectual spaces – we hope to provide a useful opportunity for re-establishing old contacts and enhance them with new ones.

We firmly believed that after two long years we would be able to re-integrate the EAA community, and that we could meet again in person, behold one another, debate and discuss important matters and chatter about trivialities, twirl around



the dance-floor during the party and take leisurely walks around the city.

Budapest is a vibrant, youthful, modern node, full of exciting cultural and gastronomic experiences waiting to be explored. The city blends and unites a wide range of different traditions, lifeways and regions, nearby neighbours and distant friends. The city's archaeological past is inextricably woven into the urban fabric and Budapest has been inscribed on UNESCO's World Heritage List since 2002. A fortified settlement, an *oppidum* of the Celtic Eravisca people once stood on Mt. Gellért overlooking the Danube; an impressive portion of the city's Roman predecessor can be found at Aquincum; many cafés on the streets in the downtown area on the Pest side are built against the medieval town walls; the luxury of a sixteenth-century Turkish bath can still be enjoyed today. At the same time, exciting elements of Art Nouveau, Bauhaus and Socialist-period as well as of contemporary architecture can all be found in the city's richly diverse quarters.

We would like to take the opportunity to express our very special thanks to the EAA office in Prague: organising the Annual Meeting would be impossible without their professionalism and active support. Similarly, we are most grateful to ALTAGRA PCO and its staff for the organisation of the EAA 2022 Budapest Annual Meeting.

We extend our greetings to the EAA community - Welcome, and we hope that you will all enjoy the conference!

Alexandra Anders & Dávid Bartus (ELTE)

Szilvia Fábíán & Eszter Kreiter (HNM)

Welcome Message by the Scientific Committee



Alexandra Anders

The EAA organises its Annual Meeting in a different country and a different city each year, to provide a forum for all sectors of the archaeological community. Although the same principles are applied in the organisation of the Annual Meetings as well as in their flow, the diverse venues and the different host institutions, as well as the differing committees guarantee that each Annual Meeting differs in some ways from the previous ones.

The intellectual climate of a Meeting is determined by the themes proposed by the Scientific Committee. The themes encapsulate and reflect the diversity of the EAA and the multidimensionality of archaeological practice and heritage management. They outline the overall framework within which the presentations are held in the different sections of the Annual Meeting and they are aligned to express the research issues which most preoccupy the EAA community.

The 28th Annual Meeting in Budapest offers six major themes for discussion: Our first theme, Archaeologists and Archaeology Here and Now, explores the major challenges faced by archaeologists and heritage management, and what are the major ethical issues we are concerned with in the course of our work. Our second theme is [RE]INTEGRATION (also the motto of the conference), focusing on theoretical problems in the study of transitions and transition periods, how the processes of [re]integration were played out in the landscape/environment and in communities as well. Our next theme, inspired by the broader cultural and geographic context of the city hosting the meeting, focuses on recent local research findings: The Carpathian Basin: Integration, Mobility and Diversity. Our fourth theme, Polis, Empire, League and Beyond – Living in Interconnected Societies, reflects our effort to incorporate Roman and classical archaeology into the conference, obviously as part of broader discussions on the archaeology of empires and their peoples. Although every Annual Meeting strives to be unique in some way, some issues simply cannot be neglected for they represent the hot-spots of discourse and are

regularly revisited every few years. Our fifth theme, Climate Change and Socio-environmental Perspectives, and to some extent our sixth theme, A Decade after the 'Third Science Revolution in Archaeology', both fall into this category. Nothing else reflects the importance of the two latter themes and the EAA community's preoccupation with, and interest in them so eloquently than that aside from the first theme focusing on the present and the future of archaeology and archaeologists, the highest number of sessions was organised around these two themes and that countless papers will be devoted to this discussion.

The first announcements to the organisers of the different sessions did not contain detailed descriptions, but rather a bulleted list of potential alternatives, an innovation that, we are pleased to say, was very favourably received.

One of the tasks of the Scientific Committee was to select, in collaboration with the EAA leadership, the keynote speakers for each major theme. Our keynote speakers for this Annual Meeting, Adina Boroneant, Matija Črešnar, Volker Heid, Enikő Magyar, Vladimir Mihajlović and Suzie Thomas, represent the richly colourful diversity of the EAA ideals and principles both with their personalities and their research fields.

It is our hope that EAA 2022 Budapest will be an intellectually rewarding experience for all participants arriving from some sixty countries and will provide fresh inspiration for their work, alongside offering novel cultural flavours and being an unforgettable meeting – both for those present here with us and for those participating online.

Alexandra Anders (ELTE)

On behalf of the Scientific Committee of the 28th EAA Annual Meeting

Committees

Organising Committee

- Anders, Alexandra (Eötvös Loránd University)
- Bartus, Dávid (Eötvös Loránd University)
- Fábrián, Szilvia (Hungarian National Museum)
- Kreiter, Eszter (Hungarian National Museum)
- Vándor, Andrea (Altagra Ltd.)

Advisory Committee

- Borhy, László, chair (Eötvös Loránd University)
- L. Simon, László (Hungarian National Museum)
- Vida, Tivadar (Eötvös Loránd University)
- Virágos, Gábor (Hungarian National Museum)
- Wollák, Katalin (Hungarian Society for Archaeology and Art History)

Scientific Committee

- Anders, Alexandra (Eötvös Loránd University)
- Bíró, Szilvia (Savaria Museum)
- Jerem, Erzsébet (Archaeolingua Foundation, Research Centre for the Humanities, Institute of Archaeology, Budapest)
- Müller, Johannes (Kiel University)
- Murphy, Eileen (Queen's University Belfast)
- Niklasson, Elisabeth (University of Aberdeen)
- Pető, Ákos (Hungarian University of Agricultural and Life Sciences)
- Potrebica, Hrvoje (University of Zagreb)
- Rácz, Zsófia (Eötvös Loránd University)
- Sawicki, Jakub (Archaeological Institute of the Czech Academy of Sciences, Prague)
- Theune, Claudia (University of Vienna)
- Zatykó, Csilla (Research Centre for the Humanities, Institute of Archaeology, Budapest)

European Association of Archaeologists

The European Association of Archaeologists (EAA; www.e-a-a.org) is a membership-based, non-profit association that is open to all archaeologists and other related or interested individuals or bodies. It is fully democratic and is governed by an Executive Board elected by full Members of the Association. A Nomination Committee ensures that the Board is representative of the different regions of Europe and the various sectors of the profession. EAA's membership covers most European countries and also includes residents from all other continents with an interest in European Archaeology.

EAA Executive Board

- President - Eszter Bánffy (2020-2024)
- Secretary - Sally Foster (2020-2023)
- Treasurer - Esa Mikkola (2019-2022)
- Vice-President - Hrvoje Potrebica (2016-2022)
- Board Member - Ariane Ballmer (2021-2024)
- Board Member - Amanda Chadburn (2020-2023)
- Board Member - Jesper Hansen (2021-2024)
- Board Member - Maria Mina (2019-2022)
- Board Member - Maria Taloni (2020-2023)

EAA Nomination Committee

- Committee Member - Gitte Hansen (2019-2023)
- Committee Member - Cornelius Holtorf (2021-2025)
- Committee Member - Maria Pia Guermandi (2018-2022)
- Committee Member - Marta Rakvin (2020-2024)

EAA Secretariat

- Kleinová, Kateřina - Events and Data Manager
- Květinová, Sylvie - Senior Manager
- Pavlíčková, Krisztina - Financial Manager
- Tylšová, Sára - Financial and Administrative Assistant

The EAA was established in 1994 in an Inaugural Meeting in Ljubljana, Slovenia, where its Statutes were formally approved (www.e-a-a.org/EAAStatutes).

These stipulate that the EAA was created:

- to promote the development of archaeological research and the exchange of archaeological information in Europe;
- to promote the management and interpretation of the European archaeological heritage;
- to promote proper ethical and scientific standards for archaeological work;
- to promote the interests of professional archaeologists in Europe;
- to promote archaeology to the public, and to raise awareness of archaeology in Europe
- to promote cooperation with other organisations with similar aims;
- to work for the elimination of any form of illegal detection and collection and the damage it causes to the archaeological heritage;
- to promote interest in archaeological remains as evidence of the human past and contributing to our knowledge of human culture and to discourage a focus upon any commercial value that may attach to such material.

The EAA has held Annual Meetings since the first Meeting in 1994. Sessions cover topics varying from the interpretation of material culture through theoretical perspectives to cultural heritage management.

EAA Annual Meetings have been held in different European cities:

- | | |
|-------------------------------|-----------------------|
| ■ Ljubljana 1994 | ■ Malta 2008 |
| ■ Santiago de Compostela 1995 | ■ Riva del Garda 2009 |
| ■ Riga 1996 | ■ The Hague 2010 |
| ■ Ravenna 1997 | ■ Oslo 2011 |
| ■ Gothenburg 1998 | ■ Helsinki 2012 |
| ■ Bournemouth 1999 | ■ Pilsen 2013 |
| ■ Lisbon 2000 | ■ Istanbul 2014 |
| ■ Esslingen 2001 | ■ Glasgow 2015 |
| ■ Thessaloniki 2002 | ■ Vilnius 2016 |
| ■ St. Petersburg 2003 | ■ Maastricht 2017 |
| ■ Lyon 2004 | ■ Barcelona 2018 |
| ■ Cork 2005 | ■ Bern 2019 |
| ■ Krakow 2006 | ■ Virtual 2020 |
| ■ Zadar 2007 | ■ Kiel 2021 |

EAA Publications and Awards:

The EAA has published a journal since 1993: originally the Journal of European Archaeology (1993 - 1997); and since 1998 the European Journal of Archaeology (EJA). It also publishes The European Archaeologist (TEA) electronic newsletter, the Themes in Contemporary Archaeology monograph series, and Elements: The Archaeology of Europe.

Since 1999 the Association has awarded the annual European Archaeological Heritage Prize to an individual, institution or a local or regional government for an outstanding contribution to the protection and presentation of European archaeological heritage. A Student Award was instituted in 2002 and is granted annually for the best paper presented at the EAA Annual Meeting by a student or an archaeologist working on a dissertation.

The Association encourages its Communities, committees and task forces to be proactive and dynamic: creating networks, working between Annual Meetings, helping to formulate policies, developing standards and informing the EAA decision-making process.

EAA Communities currently include:

- | | |
|--|---|
| ■ Archaeological Prospection | ■ Research (COMFORT) |
| ■ Archaeology & Astronomy in Culture (SEAC-EAA) | ■ Discovering the Archaeologists of Europe (DISCO) |
| ■ Archaeology and Gender in Europe (AGE) | ■ EAA and EAC Working Group on Farming, Forestry and Rural Land Management |
| ■ Archaeology of Wild Plants | ■ Early Career Archaeologists Community (ECA) |
| ■ Climate Change and Heritage (CCH) | ■ Medieval Europe Research Community (MERC) |
| ■ Community for 3D-Technologies in Archaeology | ■ Palaeolithic and Mesolithic Community (PaM) |
| ■ Community for the Archaeology of the Americas (EAA4Am) | ■ Political Strategies Community |
| ■ Community on the Illicit Trade in Cultural Material | ■ Public Archaeology Community |
| ■ Community on the Teaching and Training of Archaeologists | ■ Professional Associations in Archaeology (PAA) |
| ■ Community on Archaeological Legislation and Organisation (ALO) | ■ Urban Archaeology |
| ■ Community on Fieldwalking Documentation (FIDO) | ■ Community Integrating the Management of Archaeological Heritage and Tourism |
| ■ Community on Fortification | |

The Association promotes ethical professional behaviour through its *Code of Practice and Principles* (www.e-a-a.org/EAAcodes). The EAA acts as an advisory body on all issues relating to the archaeology of Europe and is affiliated to major institutions active in cultural heritage protection and management. In 1999 the EAA was granted consultative status with the Council of Europe, which in 2003 was upgraded to participatory status. The EAA has joined the European Heritage Alliance 3.3 and has been invited to participate in the special "Voices of Culture & Heritage" process of the European Commission. The EAA has also been an active stakeholder in the 2018 European Year of Cultural Heritage.

Themes

1. Archaeologists and Archaeology Here and Now

New Challenges for Archaeologists

- Challenges to the discipline and learning environment: archaeology and the higher education crisis
- Challenges to the profession: career structures for archaeologists, salaries, NGOs
- Challenges in representation and conduct: social inequality and professional behaviour
- Challenges in contemporary uses of the past: pseudoarchaeology, fake archaeology, aliens, populism, toxic nationalism
- Challenges after Brexit and the Covid-19 pandemic – surviving? reviving?

Heritage Management

- Different traditions in heritage management in Europe – How to combine/reconcile?
- Archaeological strategies, best practice, community-based practice
- Protect, re-evaluate, revitalise our common heritage, interpretation and tourism
- Selection, storage, scrapping, processing, interpretation, presentation
- Heritage management in urban spaces
- Economic and political implications, pressure and reactions, changes in legislation (developers and public interests)
- New opportunities for cooperation
- New, innovative initiatives in public outreach / pathways to successful impact

Ethics

- Ethical standards – ethics in research, outreach, representation
- Ethical-moral actions
- Ethically immoral actions (against identity, livelihood, property, material culture, the dead) in the past and present
- Destruction of material goods, of possessions, the targeted devastation or demolition of residential buildings, villages, settlements or workshops and agricultural land
- Different ethical codes and practices

- Archaeologists and communities, social value, society, communication/collaboration between indigenous peoples and the archaeological establishment
- Protection of cultural property or the non-disposal of cultural property, identity-forming cultural heritage
- Political correctness, local people, post-colonial world
- Complexity of dealing with human remains – from sampling (the right to sample) to exhibitions
- Datasets and access to datasets, archives

2. [Re]integration

- Theoretical problems on transitions
- Traces of transition periods – strengths and weaknesses
- How the processes of (re)integration took place, how actions and communications between different groups occurred and whether they were accompanied by social or other conflicts?
- Re-use of landscape/environment: e.g. fortified settlements (from Palaeolithic to post medieval times), roads, infrastructures
- Adaptive reuse in historic urban landscape
- Borderlines (liminal regions, frontier contacts)
- Integrating the public to a profession: public archaeology

3. The Carpathian Basin: Integration, Mobility and Diversity

- Interpreting material culture, applying theoretical approaches, exploring the latest scientific results in this region
- Cultural heterogeneity and subsistence strategies in different landscapes of the Carpathian Basin
- Interconnections between cultures and peoples
- The region's role in cultural reception, transformation and transmission in Europe
- Integration and separation
- Centre and periphery (in light of archaeological records)
- Near and far areas in Eurasia with the Carpathian Basin

4. Polis, Empire, League and Beyond – Living in Interconnected Societies

- Roman Empire: Romanisation revised, globalisation or glocalisation, local identity vs. Roman identity
- The legacy of the ancient cultures of the Romans
- Roman Archaeology's recent popularity in relation to globalisation?

- Egypt, Assyria, Byzantium, Mongols, Turks, etc.
- Classical archaeology: indigenous populations and new foundations, archaeology of myth, mobility of craftworkers
- Legal and informal organisations
- Trade and exchange, influences
- Cultures, ideas, material culture
- Mobility, indigenous/immigrant populations, challenges of living together
- 'The afterlife of empire' (former European colonies, repatriation)

5. Climate Change and Socioenvironmental Perspectives

- Good practices, lessons from the past – adaptation
- Sustainability
- Models for resiliency
- Reading the landscape's sustainable use and re-use of landscapes
- Perilous waters: dehydration, flooding, melting, irrigation, water level fluctuation and rising
- Human related changes in environment and landscapes: arable lands, forests, pastures, raw material
- Cultural landscapes: roads and crossings, settlements, harbours, bridges
- Agriculture and foraging
- Integration and adaptation to environmental changes
- Geoarchaeology and bioarchaeology

6. A Decade after the 'Third Science Revolution in Archaeology'

- Digital Humanities – Big Data
- New quantitative modelling approaches
- The possibilities and challenges of bioarchaeology for understanding the past
- Critique, critical revisions, problems
- Is it time for a humanities revolution?

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Cambridge Journals cover research throughout world archaeology and across all periods. Alongside other leading journals in the field, Cambridge is proud to publish the European Journal of Archaeology (on behalf of the European Association of Archaeologists).



Find out more at
cambridge.org/EAA2022



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Annual Meeting General Information

Venue

The Annual Meeting has two venues, which are at short walking distance from each other. Registration, the EAA helpdesk, the sessions, the coffee breaks and the European Archaeological Fair are at the ELTE Faculty of Humanities Campus (Trefort-garden). The other venue is the Hungarian National Museum (HNM), where some of the keynote presentations and social events will be held.

How to get there:

- Metro M3 (blue) and M4 (green) line: Kálvin tér stop | Metro M2 (red) line: Astoria stop
- Trams 47, 49 and 48: Kálvin tér stop
- Buses 5, 7, 8, 107, 110, 112, 133, 178, 233 and 239: Astoria stop | Buses 9, 15 and 115: Kálvin tér stop
- Trolleybus 83: Kálvin tér stop



BUSES 5, 7, 8, 107, 110, 112, 133, 178, 233, 239, 9, 15, 115
TRAMS 47, 49, 48



ELTE Faculty of Humanities Campus (Trefort-garden)

4 Múzeum körút
1088 Budapest
<https://www.elte.hu/content/trefort-kerti-campus.c3c.64?m=136>



Hungarian National Museum (HNM)

14–16 Múzeum körút
1088 Budapest
<https://mnm.hu/en>



Registration and helpdesk

The main registration and helpdesk is situated on the 1st floor in Gólyavár Building at the University of ELTE Faculty of Humanities Campus. There will be also an information point (INFO POINT) in Trefort-garden near Gólyavár (see plan in page 41).

Registration opening hours

- Wednesday 31 Aug 12:00 – 19:00
- Thursday 1 Sept 07:30 – 18:00
- Friday 2 Sept 07:30 – 18:00
- Saturday 3 Sept 07:30 – 13:00

Volunteers in yellow T-shirts will be around the venue to help you. They are mostly local and international students willing to help in their free time, and we are most grateful for their work, the Annual Meeting could not run without them.

Badge

Please pick your badge as soon as you arrive at the registration area. Participants must always wear their badge at the Annual Meeting venues and at EAA social events. Only regular delegates (not guests) can attend the scientific programme, the only exception possible is a family member attending a presentation of their relative. You can also use the badge to visit some museums for free (please read further).

WiFi

WiFi will be available everywhere in the Campus. Participants can use the dedicated internet during the Meeting.

Network: "eaa2022" | Password: eaa2022bud



Event software and mobile app

This year we are having our first hybrid Annual Meeting, allowing delegates to participate either onsite or online. For presenting, please use the web based platform (<https://live.allintheLOOP.net/App/EAA/EAA2022>). All attendees can also use mobile app which contains the entire programme, where you can personalise your own schedule. You can also search a list of speakers and exhibitors, and contact your colleagues.

The mobile app "EAA 2022 Budapest" can be downloaded in Google Play or App Store, you can use the QR code on the badge or here. In the app, you will also find useful information about the venue, maps of all the meeting rooms, European

Archaeology Fair, social events and general information about Budapest. You can also receive last minute updates.

The **login details** will be sent to all delegates by email before 25 August 2022. Please contact EAA helpdesk if you have not received it.

Sessions and meeting rooms

Session rooms are situated in several buildings in the ELTE campus: Main building, Building A, Building B, Building C, Building F, Building R, and Gólyavár. Session rooms have different capacities, from 20 to 224 persons, with a maximum number of chairs. Once a room is full (all seats taken), no more participants will be allowed to enter.

All buildings are accessible by wheel chair. Participants on wheel chair, please contact the INFO POINT for more information upon your arrival.

Coffee breaks

Coffee and some snacks will be served twice a day at thirteen coffee points around the Campus. Two coffee stations are situated in Gólyavár where European Archaeology Fair takes place. Therefore, please do not hesitate to visit the Fair during the breaks. However, the venue maps will help you find the closest coffee points to you, if you have limited time.

Lunches

Packed lunch will be delivered in Gólyavár from 11:30 to 14:30 only to those participants who bought their tickets in advance during the online registration. Make sure you show your badge upon collection.

Participants without a lunch ticket are welcome to check the Restaurant Műhely Coffee and the Food Track in the Trefort-garden.

The area around the venue has many restaurants, take-aways or supermarkets with prices ranging from 2000 to 5000 HUF for a lunch menu.

Cloakroom

There will be a cloakroom service on the 1 – 3 September from 8:00 to 19:00 in the ground floor of the Gólyavár Building.

European Archaeology Fair (EAF)

The European Archaeology Fair (EAF) will be held in the Gólyavár building (ground and 1st floor) at the University Campus.

The opening hours are as follows:

- Wednesday 31 Aug 12:00 – 16:00
- Thursday 1 Sept 10:00 – 18:00
- Friday 2 Sept 10:00 – 18:00
- Saturday 3 Sept 10:00 – 18:00

Baby room

The baby room is available at the basement of Main building, marked on the venue map. This room is available for feeding and changing only. If you would like to use it, please contact us first at the INFO POINT.

Medical Assistance

If you do not feel well, please contact us at the INFO POINT (see plan in page 41).

Covid-19 measurements

Currently there are no special Covid-19 restrictions in force in Hungary, however organisers highly recommend to keep distance and / or wear mask at the crowded places. Masks are available at the Registration Desk and at the INFO POINT.

If you do not feel well, test yourself either on your own or come to INFO POINT and we will provide you with a test. If tested positive, please isolate yourself in your accommodation and participate online. The venue is equipped with disinfection which you can use.

Security

Please note that both the Campus and the HNM are public spaces. Citizens will not be able to attend the sessions at the Campus but they can enter the buildings, corridors, exhibition, and coffee areas. Please do not leave any belongings unattended anywhere in the Meeting venues.

Fire or evacuation security

Both venues have an emergency plan. In the event of an emergency, participants should follow the signs and instructions from the staff.

Smoking

Smoking area is designated at the Trefort-garden next to the Building A.

Green Annual Meeting

Onsite delegates will receive a water bottle in order to avoid buying plastic bottles. The water in Budapest is drinkable and we have installed two extra water points in the Trefort-garden where you can refill your bottle.

Recycle bins are available at several places in the venue, so you have an opportunity to recycle your waste.

Coffee cups and lunch boxes are recycled, and we make sure that the products we are offering are purchased from local providers.

Name badges are printed on recycled paper. The conference bags are made from recycled material as well.

We encourage you to ride green: Use travel planner applications instead of taxi. BudapestGO: <https://futar.bkk.hu/> and to travel around the city by bike: Molbubi <https://molbubi.hu/en/>

Using social media: #EAA2022

We encourage you to share your experiences at any social media with the general hashtags of the Annual Meeting, so they can be easily tracked by any user: **#EAA2022**

We also expect you to participate in the online discussions that might occur and share your reflections about the academic programme, using a specific hashtag with the session number (#s000, where 000 is the number of the session), which will make it easier to follow every specific session. Every room will clearly state the hashtag of the session.

Time zone

The Central European Summer Time (CEST) applies for the whole Annual Meeting Programme.

Safe Space Policy

The EAA supports the rights and freedoms of its Members.

We expect all participants to respect the personal boundaries of others, whether they be physical, emotional or cultural. The EAA believes that people from different backgrounds bring ideas, creative thinking and wide-ranging approaches to those topics and subjects that we engage in; this dynamic makes our Annual Meetings both innovative and effective.

We support the right of all our Members to be able to express their viewpoints without undue interruption. Constructive criticism and dissent are welcome, but should be focused on the topic, not the person. Any participant must consider the effect their own words and actions may have on others.

The EAA will not tolerate inappropriate, intimidating or offensive behaviour, whether verbal, written or physical, including harassment or unwarranted and unwelcome attention in any form. Failure to abide by this policy will result in appropriate action being taken by the EAA or the Annual Meeting organisers. If necessary, local authorities will be informed.

Sexual Harassment

Sexual harassment of any kind will not be tolerated within the EAA. Examples of sexual harassment include: victim is leered at; lewd suggestive remarks aimed at the victim; sexist remarks and jokes aimed at the victim; pornographic material shown or sent by social media; stalking can occur; unwelcome physical, sexual and conversational advances (see <https://www.elte.hu/dstore/document/3455/ELTE-Es%C3%A9lyegyenl%C5%91s%C3%A9gi-Terv.pdf>).

Sexual harassment is a pernicious form of behaviour that oversteps the personal boundaries of others and seeks to debase a person on the basis of gender. It is always one sided and it is undesired by the person concerned. It is demeaning and offensive, it undermines the self-confidence and it generates fear and uncertainty in its victim. Sexual harassment has nothing to do with sexual attraction and it can develop in a subtle way, but it is motivated by a wish to dominate and control the victim. It can originate from an individual or a group. Sexual harassment can occur verbally, in gestures or in actions.

EAA Safe Space Policy within the conference venues

Within the conference venues, delegates are encouraged to report any incident that threatens their physical or psychological safety to the members of the EAA's newly formed Appeals and Anti-Harassment Committee either in person or by email: antiharassment@e-a-a.org. The EAA help desk (in Gólyavár building) will also be available for help and support.

Buddy System for Annual Meeting delegates

It may happen that an Annual Meeting delegate feels uncertain or concerned about some aspect of the Annual Meeting academic or social life or about spending a few days in Budapest – a city they may not know. If this is the case, the Archaeology and Gender in Europe (AGE) EAA Community are happy to offer a buddy system whereby the small team of female volunteers can offer personal support and, if necessary, physical company to people who would prefer that. If you suspect in advance that there may be an issue, it would be really helpful to tell the AGE buddies in advance. However, if anything like this crops up during the Annual Meeting, please contact the Appeals and Anti-Harassment Committee at antiharassment@e-a-a.org immediately and we shall do our best to offer this support.

EAA Safe Space Policy in the city

Outside the conference venues, it is more difficult for the EAA to directly support delegates. Information about LGBTQIA+ friendly accommodation and bars can be found here: Gay Budapest Guide (<http://budapest.gayguide.net/>) and here: Ultimate Guide to Gay Budapest (<https://onceuponajrny.com/ultimate-guide-gay-budapest/>). Advice around trans rights is available at <https://en.hatter.hu/>.

Emergency case scenarios

A hotline with information and counselling for LGBTQIA+ community members is also provided by the Hättér Society every day (including weekends and holidays) between 18:00-23:00 CET. They can be contacted via phone ((+361) 329 3380), email (hotline@hatter.hu) and Skype ([segelyvonal](https://www.skype.com/name/segelyvonal)).

The 'Tourist Police' are the Hungarian Police's English service for non-Hungarian visitors. Incidents can be reported through the 24-hour hotline (06-1-438-8080) or in person at the police office based at V. Vigadó utca 4. The general emergency number, 112, can also be used. For medical assistance in English (and even other languages), it is recommended to call Falck's 24-hour hotline (06-1-2000-100).

For a comprehensive list of advice related to various emergency situations (including document loss, medical assistance, etc.), as well as important phone numbers, please see: https://www.budapest.com/travel/in_emergency.en.html.

This text was prepared by the EAA Executive Board and Laura Coltofean-Arizancu, Bisserka Gaydarska, Kayt Hawkins, Ana Cristina Martins, Maria Mina, Nona Palincas, Rachel Pope and Andrea Mouriño Schick on behalf of AGE and in consultation with AGE members.

About Budapest

PUBLIC TRANSPORT

Although Budapest is a sizeable city with almost two million people, it's easily walkable - most points of interest are within the Grand Boulevard in Pest, and near the Danube bank in Buda. The more far-flung locations are best accessed by public transport or MOL Bubi, the city's bike sharing network or Lime scooters. Budapest has an excellent system of public transport. Today there are four metro lines, as well as a network of trams, trolley-buses and buses. The M1 line is the second-oldest underground railway in the world, and is probably the cutest little subway, and is even listed as a UNESCO World Heritage Site.

Tickets (which are accepted on all forms of public transport) can be purchased from the vending machines located at most stations, online in BudapestGo application, or some hotels can provide them. Tickets are available as single tickets (HUF 350 / cca. 0.87 Euro) or in books of 10 (HUF 3000 / cca. 7.49 Euro), alternatively, you can buy passes granting unlimited travel for 24 or 72 hours.

Do not forget to validate your ticket! You need to validate your ticket by inserting it into punching machines at the entrance to metro stations or on joining a bus/tram/trolley-bus. Ticket inspections are very common and can issue on-the-spot fines if you are travelling with invalidated ticket. Note that on some buses and trams you can only get on through the front door and you have to present a ticket or pass to the driver.

The Budapest Card – which gives free or discounted entry to many attractions around the city – also works as a transport pass. It is available for 24, 48, 72, 86 or 120 hours.

Daytime services are available between 4.30 a.m. and 11.30 p.m., while at night you can get around with night buses or Tram No. 6, which runs round the clock.

For more information, please check the following website: <https://bkk.hu/en/>

Click here to download the map of metro and suburban railway system of Budapest: <https://bkk.hu/apps/docs/terkep/metro.pdf>

Other useful maps to download are available here: <https://bkk.hu/en/timetables-trip-planner/maps/>

TAXIS

All licenced taxis are painted yellow, they use a uniform charging system, must have a visible meter and they must accept credit card payment. Make sure to get the receipt printed by the taximeter at the end of your journey to ensure a swift remedy for whatever complaint you may have. To avoid any inconveniences please use branded taxi companies such as:

- City Taxi: +36 1 211 1111
- 6x6 Taxi: +36 1 666 6666
- Fő Taxi: +36 1 222 2222

MUSEUMS

The Local Organisers have agreed with some public museums in and outside Budapest that any participant of the Annual Meeting will have a free access upon presentation of the Annual Meeting badge. You will find the full list with the museums URL and more details at the 28th EAA Annual Meeting website: www.e-a-a.org/eea2022/freemuseums

Hungarian National Museum

14-16. Múzeum körút, 1088 Budapest
<https://mnm.hu/en>



Aquincum Museum and Archaeological Park

135. Szentendrei út, 1031 Budapest
<http://www.aquincum.hu/en/>



Budapest History Museum /Castle Museum

2. Szent György tér, 1014 Budapest
<https://www.varmuzeum.hu/>



Hungarian Natural History Museum

2-6 Ludovika tér, 1088 Budapest
http://www.nhmus.hu/en/english_home



Museum of Ethnography

Dózsa György út - Ötvenhatosok tere, 1146 Budapest
<https://www.neprajz.hu/en/>



GUIDED TOURS IN THE HUNGARIAN NATIONAL MUSEUM

Guided tours in English of the following temporary exhibitions at the Hungarian National Museums are also arranged free of charge. Registrations for the Guided tours will be handled at the INFO POINT.

The Seuso Treasure – The Splendour of Roman Pannonia

Tour guide: Zsolt Mráv (archaeologist, museologist)

Dates: Thursday 1 September, 13:00 – 14:00

Saturday 3 September 13:00 – 14:00

Max: 35 persons/tour

The 4th-century final golden age and rich cultural legacy of the Roman Empire is largely due to its wealthy, educated elite. Its members preserved and passed on the heritage of the classical Graeco-Roman culture and they also commissioned patrons luxury articles made at a high artistic quality. Besides its artistic value, as a treasure find it is the most significant hoard of silver objects of late Antiquity. The silver vessels of the treasure faithfully reflect the good life of the wealthy and influential elite, and the world of splendid villas, hunts and banquets in Pannonia during the late imperial period. The Seuso treasure is one the most significant late Roman silver treasure finds. In its current ensemble it consists of 14 silver vessels made in the 4th century, as well as a large copper cauldron used for their concealment.

<https://mnm.hu/en/exhibitions/permanent/seuso-treasure-splendour-roman-pannonia>



Sabretache plates. The treasures of the Conquering elite

Tour guide: Réka Fülöp (archaeologist, museologist)

Dates: Thursday 1 September, 12:30 – 13:00

Friday 2 September, 13:00 – 14:00

Saturday 3 September, 13:00 – 14:00

Max: 10-15 persons/tour

Men could represent their rank and position in the strict tribal or clan-based hierarchy of the Hungarian society only by objects they were entitled to wear. Hungarian men of the 10th century belonging to the military entourage of princes or chieftains could primarily express their ranks by wearing weapon belts with precious metal mounts and suspended ornamented weapons and tools. Hungarian men held their essential tools (particularly the fire-starting kit of the age) in their typically leather sabretaches suspended on the right side of their belts. The sabretache's front flap was occasionally ornamented with bronze or gilded silver mounts, or contiguous plates (sabretache plates) as early as around the 900s. The ornaments on the sabretaches (plates and mounts) were typically Hungarian rank indicators of the 10th century; moreover, some regard these as power insignia of the dignitaries serving the prince's family. The number of such artefacts ever displayed in a museum is extremely low, we only know about 27 sabretache plates and 13 ornamental mounted or leather sabretaches including the recently found pieces. The Hungarian National Museum is currently exhibiting these known and restored pieces as part of a temporary exhibition until October 30, 2022.

<https://mnm.hu/en/exhibitions/temporary/sabretache-plates>



A Treasured Community – Results of the Hungarian National Museum’s Community Archaeology Program

Tour guide: Dr. István Vida (archaeologist, museologist)

Dates: Thursday 1 September, 12:00 – 13:00

Friday 2 September, 13:00 – 14:00

Saturday 3 September, 13:00 – 14:00

Max: 20 persons/tour

The most important task of the Hungarian National Museum is still collecting, surveying and storing, but it is equally important to present the objects and to popularize science. The most obvious method of the latter one is to involve the general public in the whole process of archaeological research and the creation of the exhibition accompanying it. Participation provides not only a completely new experience compared to traditional visits to museums, but this way a much deeper knowledge can be imparted. Therefore, our Community Archaeology Programme is a kind of educational project too, with more than 200 active members now, which will provide opportunity for everyone interested to join in the scientific work supervised by experts in the future too, with the professional aspects taken into consideration.

We firmly believe that the Hungarian National Museum has remained a cultural institute even in the 21st century, which contributes to the definition and formation of community identity with its collections and intellectual values amassed in the past two centuries. For this, we consider it indispensable to involve the public in the life of the museum. This exhibition is intended to present the first achievements and successes of our cooperation. We hope that the cause of archaeological heritage will become a well-known and acclaimed topic, so knowing our past will become extremely important to the general public.

<https://mnm.hu/hu/kiallitasok/idoszaki/kincset-ero-kozosseg>



SECURITY

Hungary and Budapest are safe places. However, the usual security precautions should be observed. Beware of pickpockets, especially on public transport.

EMERGENCY

In emergency situations, you can contact the local police, ambulance service, fire department and other emergency services by calling 112.

WATER

Tap water is very good quality in Hungary. Delegates will receive a water bottle upon onsite registration. The bottle can be refilled at several taps and at two designated Water Points in the Campus (see plan in page 41). If you decide to buy bottled water, you will notice different coloured caps. Blue lids indicate carbonated water, pink is still water, and green lids mean the water is lightly carbonated.

SMOKING

Hungary has a strict non-smoking policy and smoking is prohibited inside public places (such as bars, restaurants, pubs), in public transport stops and within five meters of any business entrance. Smoking is allowed only at designated places. Tobacco products can only be purchased at licensed tobacconists, the "Nemzeti Dohánybolt."

WEATHER

Budapest has a mild continental climate with four distinct seasons. Summers are hot with low overall humidity levels but frequent rain showers, while the winter is cold and snowy. July and August are the hottest months. In August it is usually nice and warm with an average temperature of 23-28 degrees Celsius during the daytime, while the average temperature during the night might range between 14-20 degrees Celsius.

CURRENCY, CREDIT CARDS, EXCHANGE AND TIPPING

The currency in Hungary is the Hungarian Forint (HUF; Ft). Merchants may accept Euros but are not obliged to do so. Change given back to the client will most likely be in Hungarian Forint. Credit and debit cards are widely accepted. There are no hard rules for tipping in Hungary. If you are satisfied with the service a 10% tip is customary, particularly in a taxi, restaurant or café with table service. Restaurant bills

often – but not always – include service (between 10 per cent and 15 per cent), so do check before settling.

If you want to exchange your currency to forint, always do so at an **official exchange office**. Never exchange money on the streets with random strangers, since this is prohibited by law. We **do not recommend** to use ATMs marked as EUR ATM (Euronet), since they offer a very bad exchange rate.

OPENING HOURS

Most shops are open from 7 a.m. to 6 p.m. on weekdays, while malls are generally open from 10 a.m. to 9 p.m. from Monday till Saturday and from 10 a.m. to 6 p.m. on Sundays. Offices are open from 8 a.m. to 4 p.m. on weekdays.

PASSPORT AND/OR VISA

A valid ID or Passport is required for entry into Hungary for participants from the European Union. For participants from other countries a valid Passport is required. Participants from some countries may require a Visa for entry to Hungary. Please check with your local Hungarian Consulate or Embassy or access the website of the Hungarian Consular Service at <http://konzuliszolgalat.kormany.hu/en>

ELECTRICITY AND PLUGS

In Hungary the standard voltage is 230 V and the frequency is 50 Hz.

In Hungary, the types C „Europlug” and F are used. Type F sockets are basic in many countries. You can find them in most European countries and in Russia as well. Type C sockets are used at former British and French colonies, apart from Europe.

If you need an adapter for your electric devices, it is recommended to get one at home or at an international airport, because at Hungarian hardware stores you will most likely only find adapters intended for Hungarian people to take abroad.

TIME ZONE

In September the Central European Summer Time (CEST) applies. This is two hours ahead of UTC (UTC+2). **Please note that for the whole programme we use CEST.**

OUTSTANDING SCHOLARSHIP FROM CAMBRIDGE

6000 BC

Transformation and Change in the Near East and Europe

Edited by Peter F. Biehl, Eva Rosenstock



Becoming an Archaeologist

A Guide to Professional Pathways

Second Edition

Joseph Flatman



The Archaeology of the Mediterranean Iron Age

A Globalising World c.1100–600 BCE

Tamar Hodos



Ancient Gordion

Lisa Kealhofer, Peter Grave, Mary Voigt
Case Studies in Early Societies



Human Prehistory

Exploring the Past to Understand the Future

Deborah Barsky



The Origins of Money in the Iron Age Mediterranean World

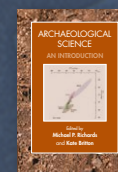
Elon D. Heymans



Archaeological Science

An Introduction

Edited by Michael P. Richards, Kate Britton



Palaeolithic Europe

A Demographic and Social Prehistory

Jennifer C. French
Cambridge World Archaeology



Trade before Civilization

Long Distance Exchange and the Rise of Social Complexity

Edited by Johan Ling, Richard Chacon, Kristian Kristiansen



Archaeology and the Genetic Revolution in European Prehistory

Kristian Kristiansen
Elements in the Archaeology of Europe



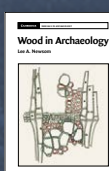
Palaeopathology

Second Edition
Tony Waldron
Cambridge Manuals in Archaeology



Wood in Archaeology

Lee A. Newsom
Cambridge Manuals in Archaeology



Archaeology, Nation, and Race
Confronting the Past, Decolonizing the Future in Greece and Israel

Raphael Greenberg, Yannis Hamilakis



Plant Domestication and the Origins of Agriculture in the Ancient Near East

Shahal Abbo, Avi Gopher, Gila Kahila Bar-Gal



FORTHCOMING

The Indo-European Puzzle Revisited

Integrating Archaeology, Genetics, and Linguistics

Edited by Kristian Kristiansen, Guus Kroonen, Eske Willerslev

Power from Below in Premodern Societies

The Dynamics of Political Complexity in the Archaeological Record

Edited by T. L. Thurston, Manuel Fernández-Götz



To find out more cambridge.org/EAA2022



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www.cambridge.org

..... GENERAL PROGRAMME

General Programme Summary

Wednesday 31 August

09:00 - 15:00	EJA Editorial Board	Main Building, room 251
09:00 - 16:00	Communities meetings	Main Building
11:00 - 12:30	Communities Assembly	Main Building, room 39
12:00 - 16:00	European Archaeology Fair	Gólyavár
12:00 - 19:00	Registration of delegates	Gólyavár
16:30 - 18:30	Opening Ceremony	Castle Bazaar
19:30 - 22:00	Welcome Reception	Hungarian National Museum

Friday 2 September

07:30 - 18:30	Registration of delegates	Gólyavár
08:30 - 18:30	Parallel sessions	ELTE Campus
10:00 - 18:00	European Archaeology Fair	Gólyavár
13:10 - 14:00	Keynote lecture - A. Boroneant	Building B, room 172
13:10 - 14:00	Keynote lecture - V. Heyd	Hungarian National Museum
18:45 - 20:15	AMBM	Building B, room 172
20:00 - 24:00	MERC Party	Stifler Pool

Thursday 1 September

07:30 - 18:30	Registration of delegates	Gólyavár
08:30 - 18:30	Parallel sessions	ELTE Campus
10:00 - 18:00	European Archaeology Fair	Gólyavár
13:10 - 14:00	Keynote lecture - V. Mihajlović	Hungarian National Museum
18:45 - 19:45	Keynote lecture - M. Črešnar	Building B, room 172
18:45 - 19:45	Keynote lecture - E. Magyari	Hungarian National Museum
20:30 - 03:00	Annual Party	Symbol Budapest

Saturday 3 September

07:30 - 13:00	Registration of delegates	Gólyavár
08:30 - 18:30	Parallel sessions	ELTE Campus
10:00 - 18:00	European Archaeology Fair	Gólyavár
13:10 - 14:00	Keynote lecture - S. Thomas	Building B, room 172
20:00 - 23:00	Annual Dinner	Európa Boat

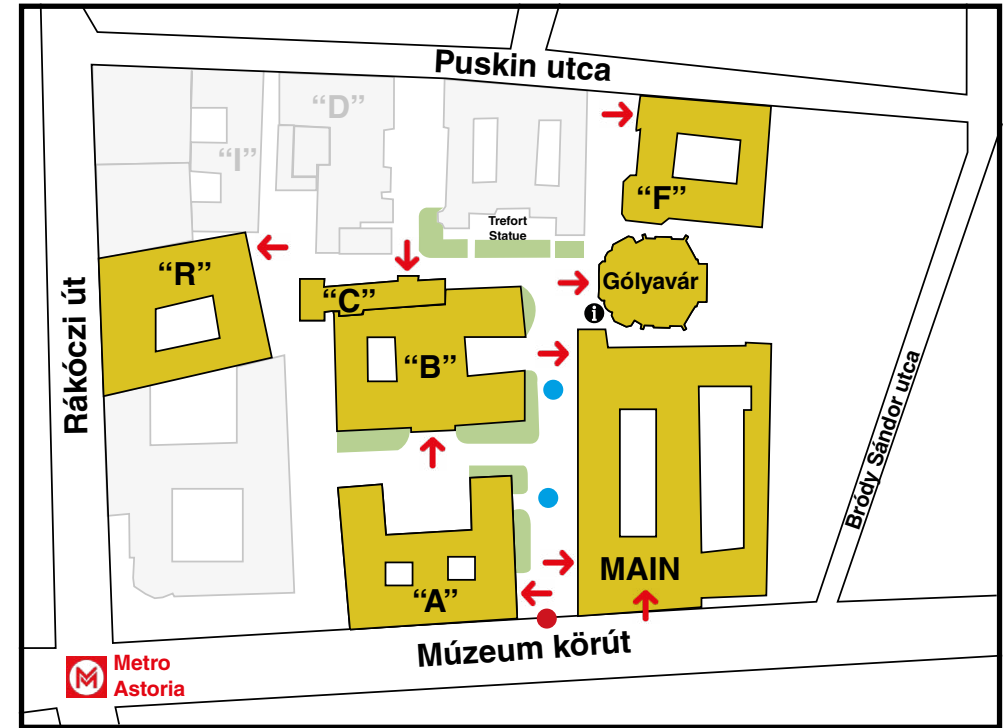
There will be two coffee breaks on 1-3 September at 10:30 - 11:00 & 16:00 - 16:30, and a lunch break at 13:00 - 14:00.

MAP OF BUDAPEST



- 1 ELTE Faculty of Humanities Campus (Trefort-garden)
- 2 Hungarian National Museum
- 3 Várkert Bazár
Venue of Opening Ceremony
- 4 Symbol
Venue of Annual Party
- 5 Europa boat (Batthyány tér)
Venue of Annual Dinner
- 6 Stifler Bar
Venue of MERC Party

TREFORT CAMPUS BUILDINGS



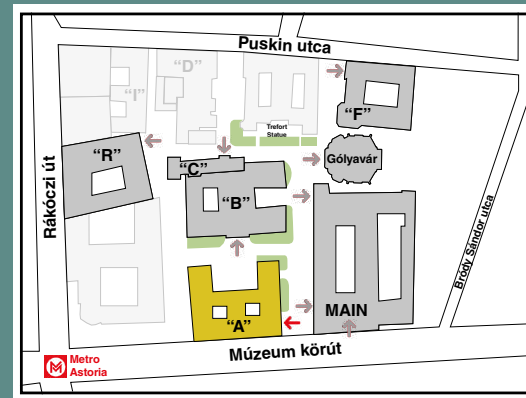
ANNUAL MEETING VENUES









- 1 ELTE Faculty of Humanities Campus (Trefort-garden)
- 2 Hungarian National Museum

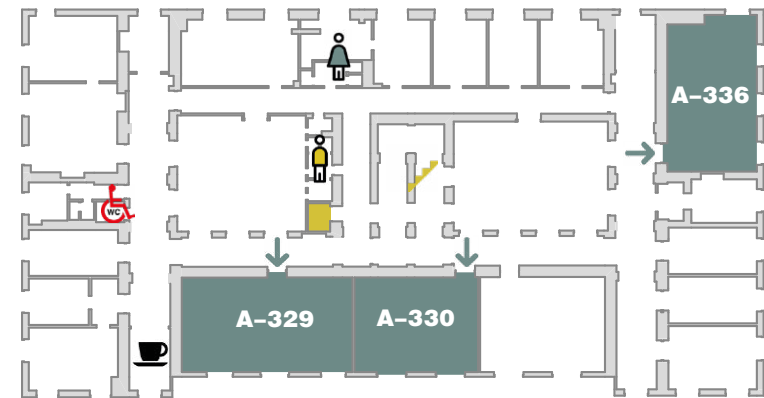
- i** Infopoint
- Waterpoint
- ←** Entrance to buildings
- Entrance of Trefort Campus

BUILDING "A"

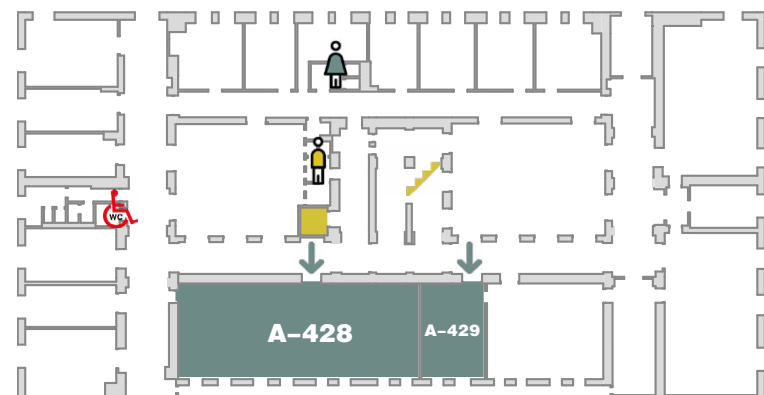


-  Staircase
-  Lift
-  Toilets
-  Accessible toilets
-  Coffee points
-  IT desk



3RD FLOOR



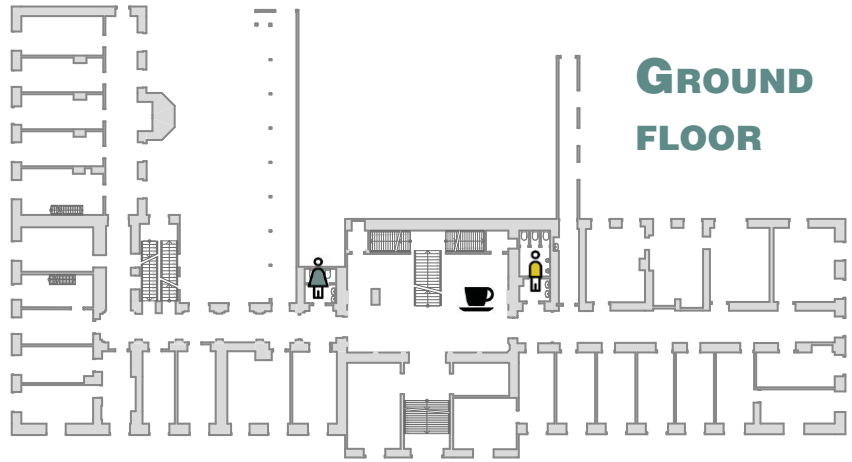
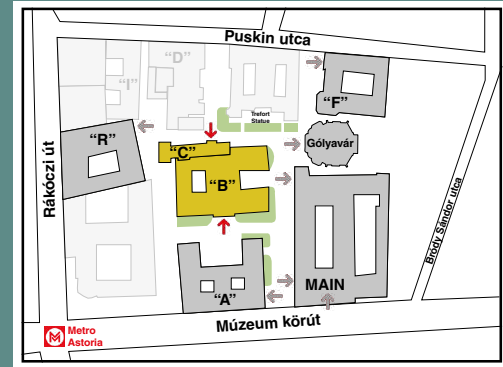
4TH FLOOR



BUILDING "B"

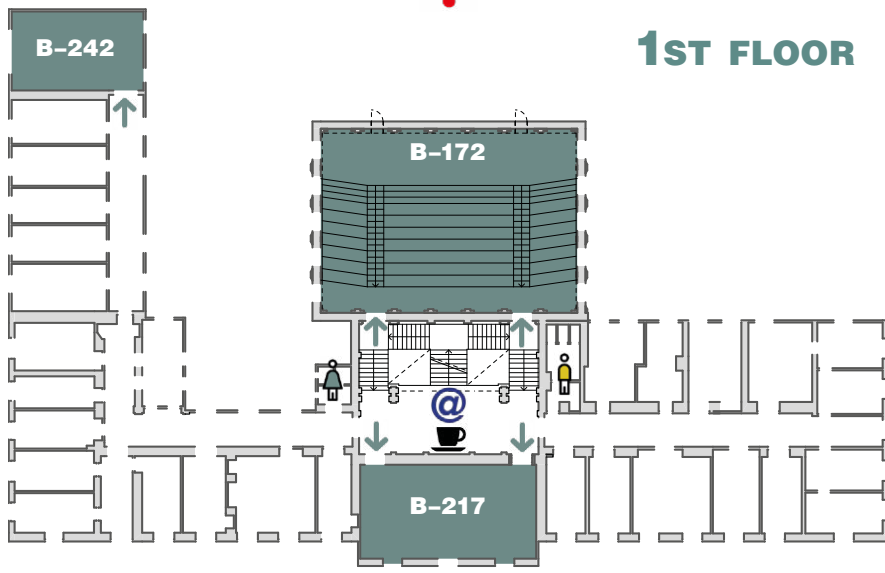
-  Staircase
-  Lift
-  Toilets
-  Accessible toilets
-  Coffee points
-  IT desk

BUILDING "C"

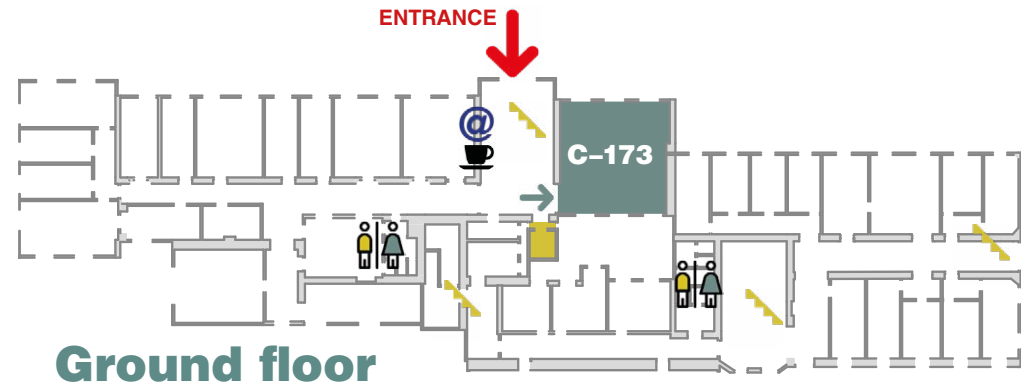


GROUND FLOOR

↑ ENTRANCE

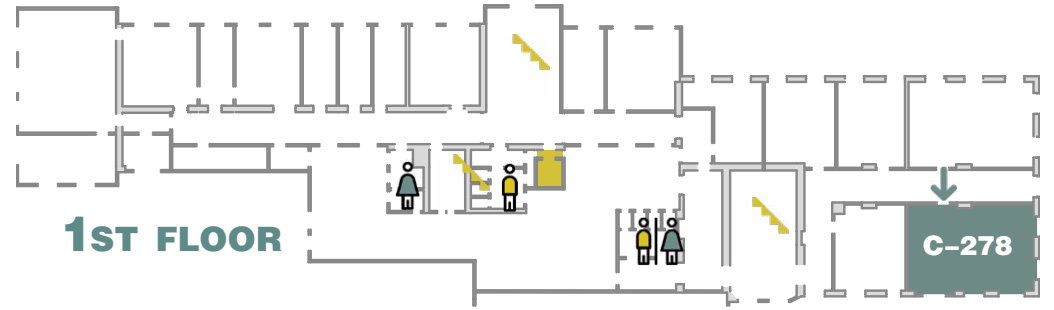


1ST FLOOR

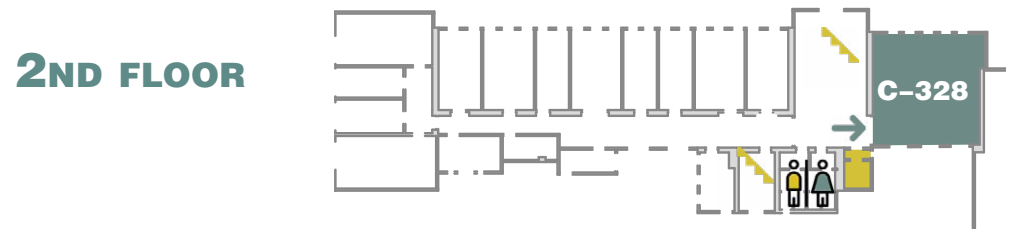


↓ ENTRANCE

Ground floor







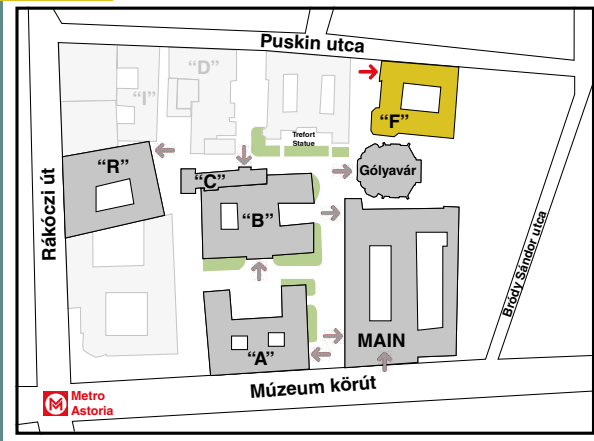
1ST FLOOR






2ND FLOOR

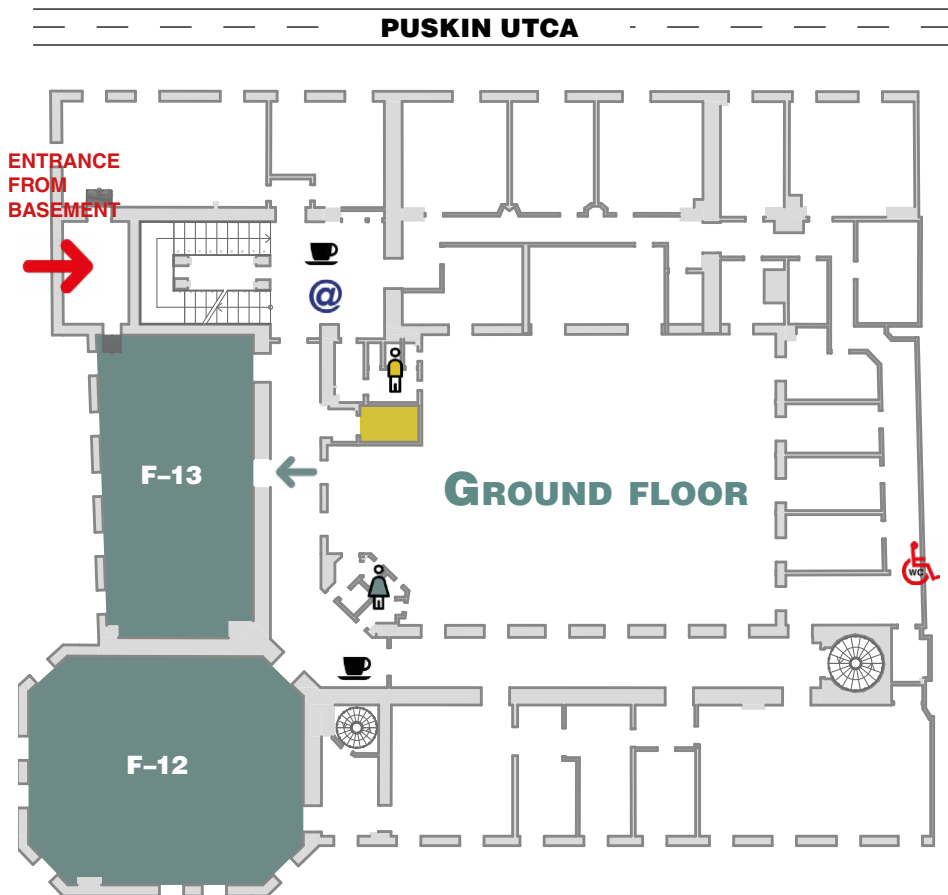
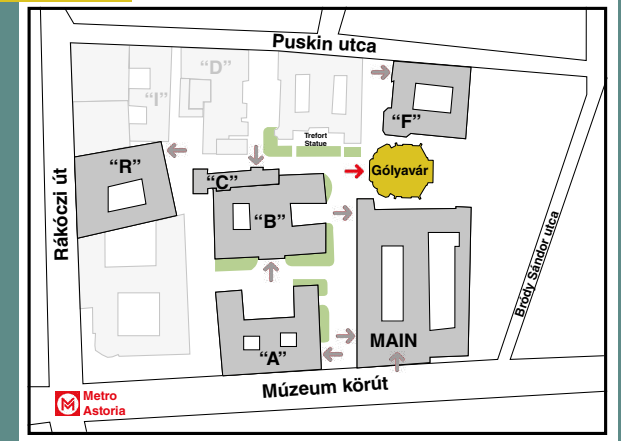
BUILDING "F"

-  Lift
-  Toilets
-  Accessible toilets
-  Coffee points
-  IT desk

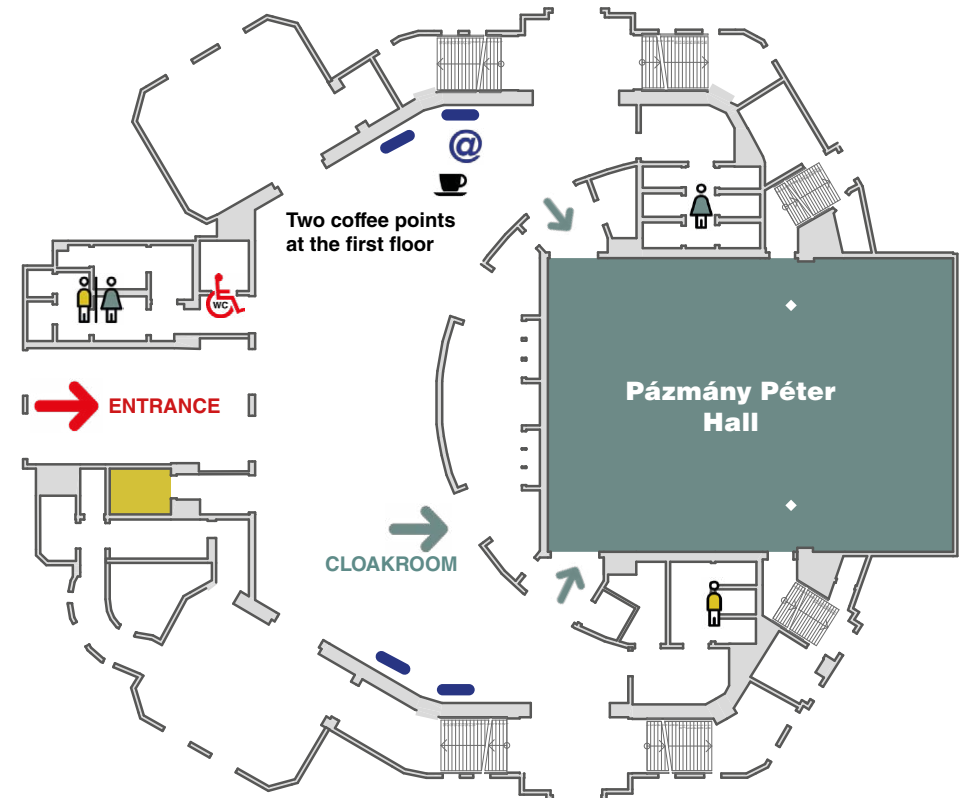


BUILDING "Gólyavár"







-  Lift
-  Toilets
-  Accessible toilets
-  Coffee points
-  IT desk
-  Poster boards

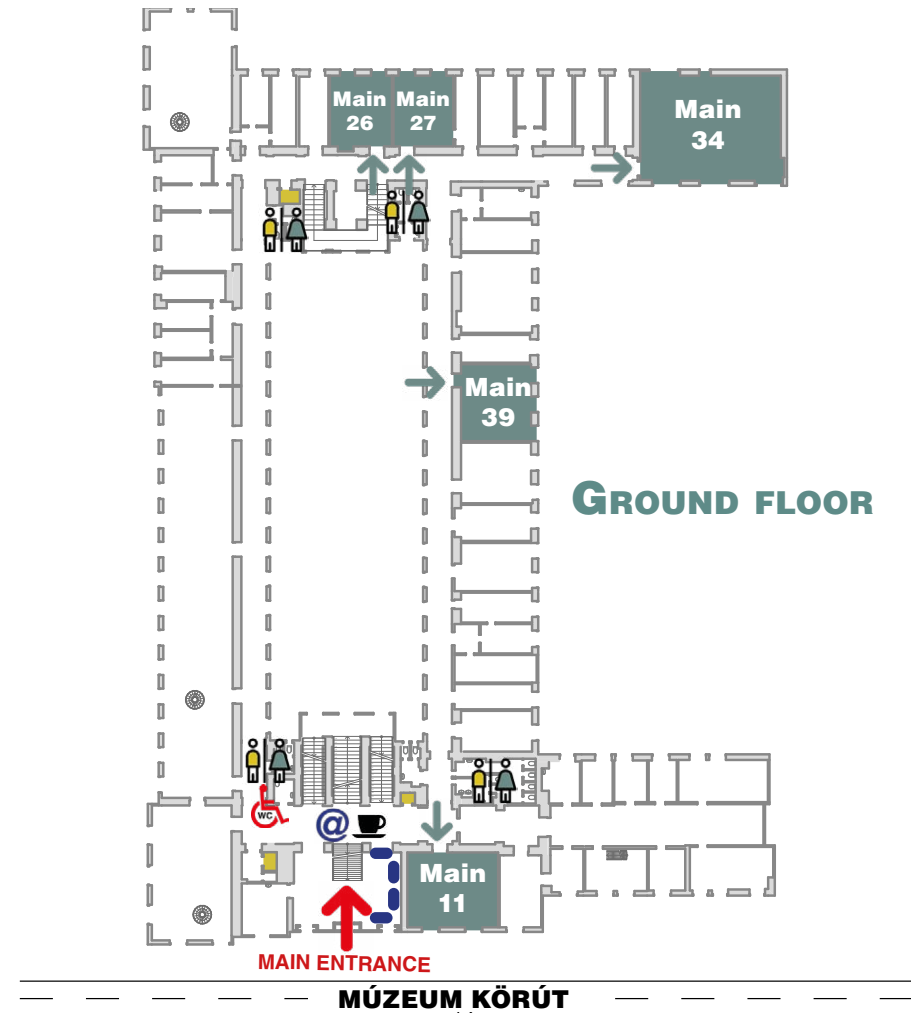
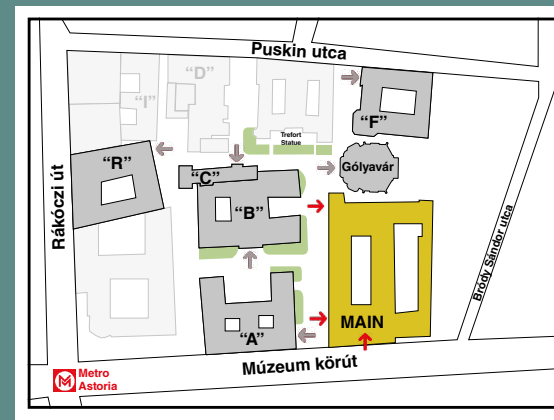


GROUND FLOOR









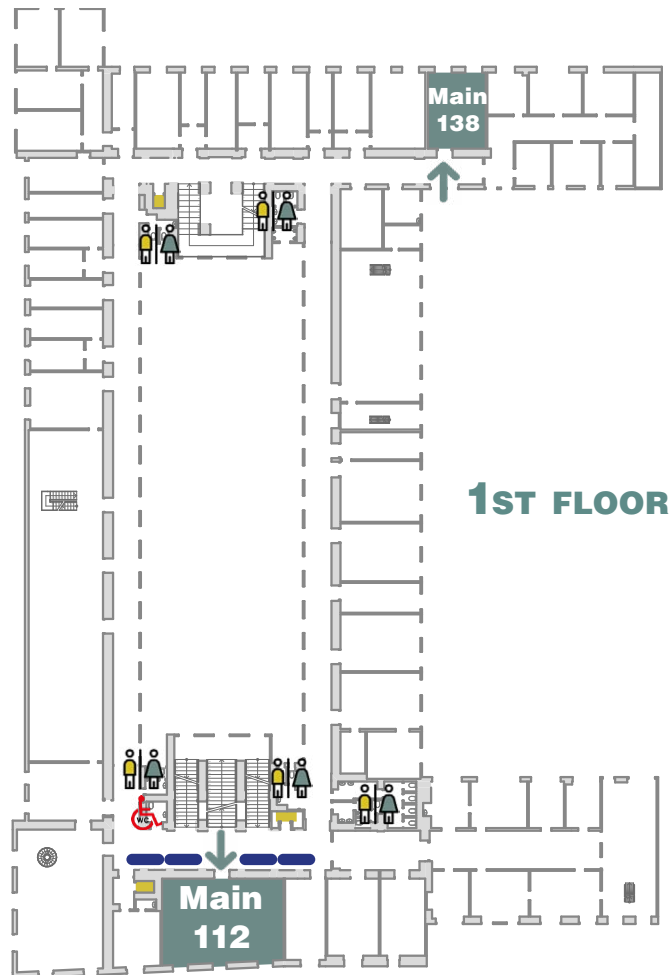
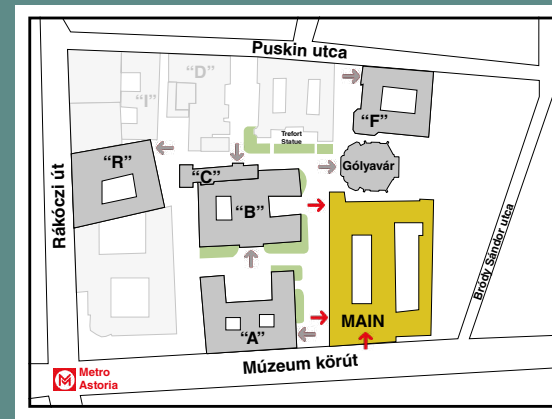
MAIN BUILDING

-  Lift
-  Toilets
-  Accessible toilets
-  Coffee points
-  IT desk
-  Poster boards

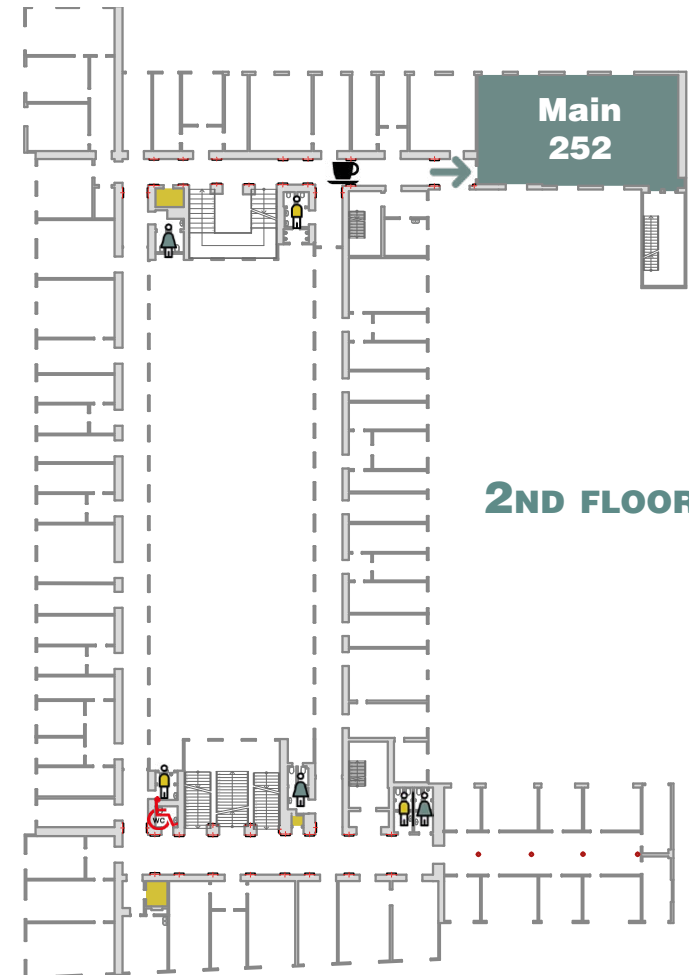


MAIN BUILDING

-  Lift
-  Toilets
-  Accessible toilets
-  Coffee points
-  IT desk
-  Poster boards








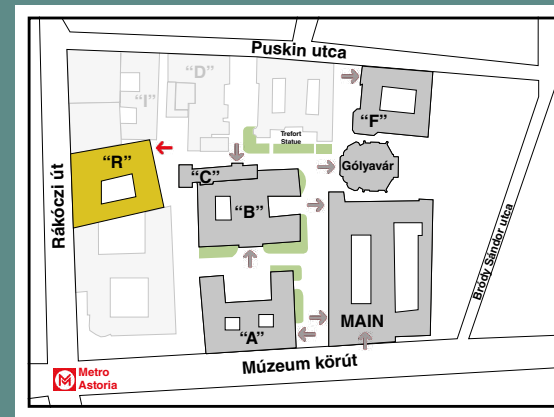
1ST FLOOR



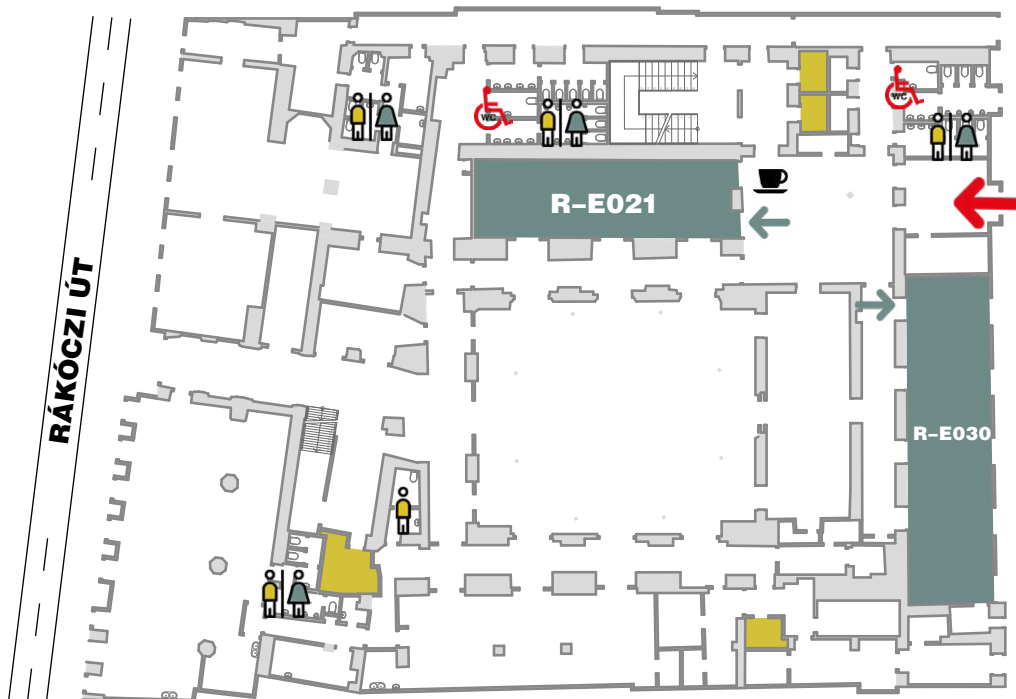
2ND FLOOR

BUILDING "R"

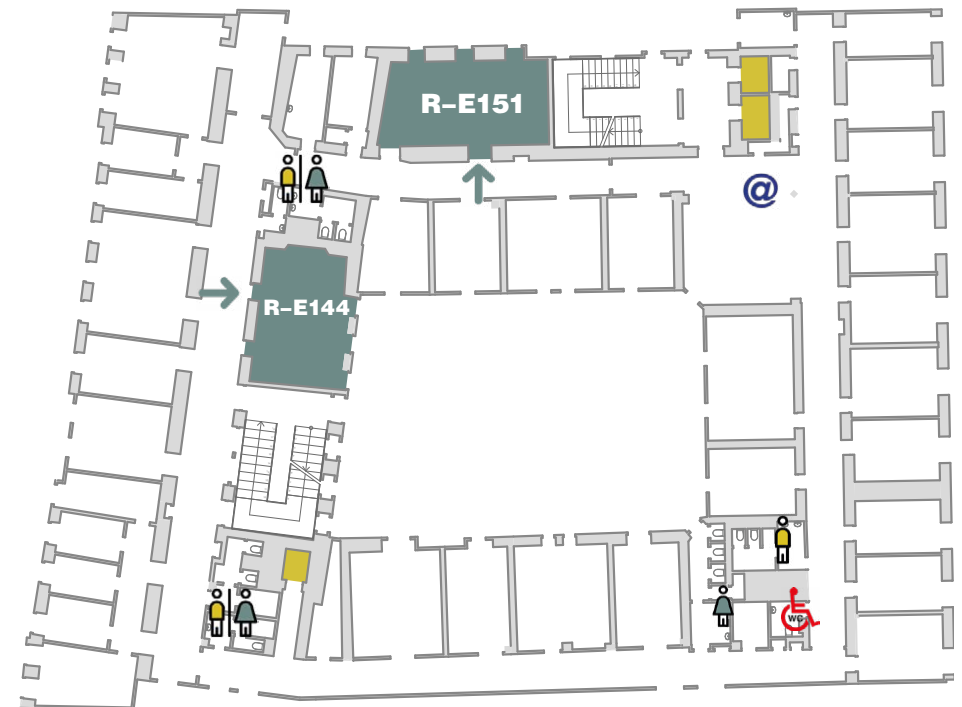
-  Lift
-  Toilets
-  Accessible toilets
-  Coffee points
-  IT desk








GROUND FLOOR

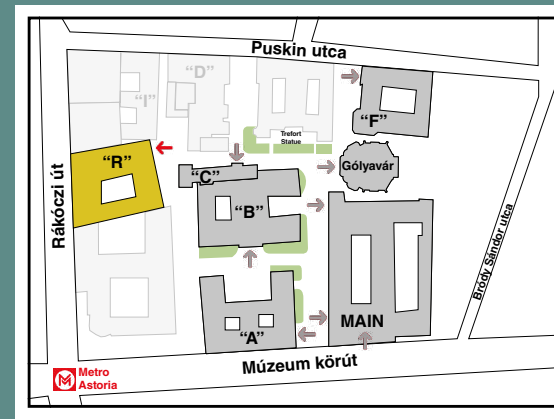


1ST FLOOR



BUILDING "R"

-  Lift
-  Toilets
-  Accessible toilets
-  Coffee points
-  IT desk



2ND FLOOR








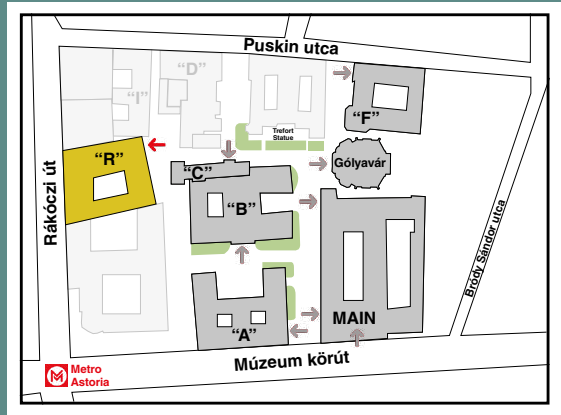
3RD FLOOR



BUILDING "R"

HUNGARIAN NATIONAL MUSEUM

-  Lift
-  Toilets
-  Accessible toilets
-  Coffee points
-  IT desk

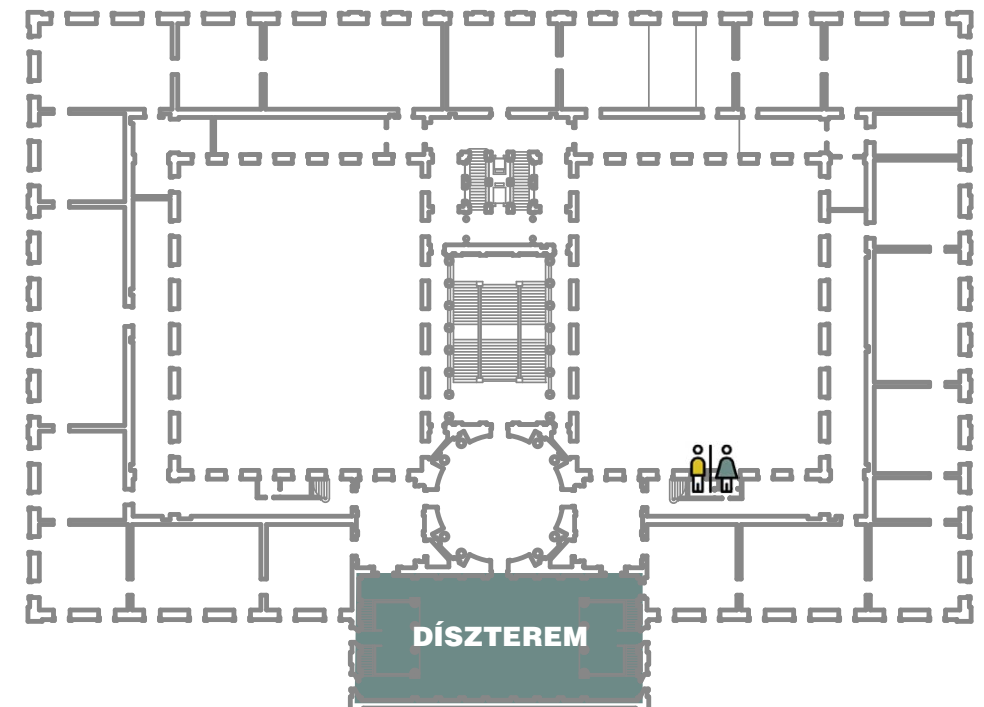


- 1 ELTE Faculty of Humanities Campus (Trefort-garden)
- 2 Hungarian National Museum
Venue for some Keynotes Lecture

4TH FLOOR



2ND FLOOR



Opening Ceremony

Where: Castle Bazaar (Várkert Bazár),
2-6 Ybl Miklós tér, 1013 Budapest

When: Wednesday 31 August, 16:30 - 18:30

How to get there: Trams: 19 and 41: Várkert Bazár stop | Buses 16 and 105: Clark Ádám tér stop | Ship 12: Várkert Bazár stop | On foot: from the Buda Castle and its museums



Built between 1875 and 1883, the Castle Bazaar was designed by Miklós Ybl in the Neo-Renaissance style. The building is a high priority monument and has been a registered World Heritage Site since 1987.

The Castle Bazaar began its slow decay in the early twentieth century and it was severely damaged during the Second World War; by 1996, it was listed as one of the hundred most endangered national monuments of the world. The building attained its current form during the reconstruction work begun in 2011. The façade designed by Miklós Ybl has been fully preserved in the restored building complex, while the new spaces were created in line with modern architectural trends.

Opening Ceremony Programme

- ELTE Institute of Arts Communication and Music, Pro Musica Mixed Choir
- Opening by Alexandra Anders (Local Organising Committee)
- Welcome words by Minister for Culture and Innovation, ELTE representative and HNM representative
- Welcome by Eszter Bánffy (EAA President)
- Presentation of the European Archaeological Heritage Prize, OMF Early Career Achievement Prize and EAA Student Award
- Honorary Membership
- Keynote lecture by László Borhy
- ELTE Institute of Arts Communication and Music, Pro Musica Mixed Choir

SPONSORED BY



Welcome Reception

Where: Hungarian National Museum,
14-16 Múzeum körút,
1088 Budapest

When: Wednesday 31 August,
19:30 - 22:00

How to get there: Budapest Metro's M3 (blue) and M4 (green) line: Kálvin tér stop Budapest | Metro's M2 (red) line: Astoria stop | Trams 47, 49 and 48: Kálvin tér stop | Buses 5, 7, 8, 107, 110, 112, 133, 178, 233 and 239: Astoria stop | Buses 9, 15 and 115: Kálvin tér stop | Trolleybus 83: Kálvin tér stop



How to get there from the Opening Ceremony: On foot: via Erzsébet or Szabadság Bridge | Trams 14, 41 to Szent Gellért tér, changing to Trams 47, 49 to Kálvin tér

The Hungarian National Museum is located in the heart of Budapest near the Danube. Founded in 1802, the Neoclassical building of the Hungarian National Museum was erected between 1837 and 1847 according to the plans of Mihály Pollack. As the central national historical museum, it collects all relics associated with the history of Hungary, from the Paleolithic to the present. Most of the 3.3 million artefacts in the museum's collection are stored in the museum building or in external storage facilities, and only approximately 12,000 objects are on display. The HNM has a significant archaeological collection, but its holdings also include musical instruments, photographs, posters, coins and medals, arms and armoury, magnificent metalwork and an assortment of modern material as well as manuscripts and archival records. In addition to its public role, the museum is also involved in the conservation degree courses of the University of Fine Arts and has independent licensed postgraduate programmes for conservation and digitisation. In case of nice weather, the party will be held outdoors.

Small beverage included.

SPONSORED BY



Annual Party

Where: Symbol Budapest, Bécsi út 56,
1036 Budapest

When: Thursday 1 September,
20:30 - 03:00

How to get there: Tram 17, 19 and 41: Kolo-
sy tér stop | Suburban railway line (HÉV) H5:
Szépvölgyi út stop | Bus 9 and 109: Kolosy tér
stop



The Annual Party will be held at Symbol Budapest. The speciality of this place comes from the location: the Center of Old Buda. Several, smaller and larger private rooms offer the opportunity for private conversations and socialising. The old well in the garden, which legend says was the place where they hid the Holy Crown (of Hungary) at one time, also remains as it was.

The Hungarian music band "Wedding Boys & Flora" will ensure to keep everyone dancing until dawn!

Drink coupons will be distributed at the entrance of the venue upon presenting the Annual Meeting badge.

Annual Membership Business Meeting (AMBM)

Where: ELTE, Building B, room 172, and online

When: Friday 2 September, 18:45 - 20:15

The EAA Annual Membership Business Meeting (AMBM) is open to all EAA Members. At the AMBM, the EAA Board reviews the past year's achievements and the Association's financial condition, and discusses with the Members the new initiatives programmed for the coming year.

All Members are encouraged to contribute and participate in the AMBM proceedings. The AMBM will be held in hybrid format; voting will subsequently be held *per-rollam* over 12–15 September (individualised access will be sent by email).

Agenda

- Opening and Welcome
- EAA 2022 Statement on Nurturing the Cycle of Good Archaeological Practice
- Minutes of the Previous AMBM (Circulated in TEA)
- Matters Arising from the Minutes
- Membership Report
- Financial Report
- Membership Fee Level for 2023
- Statutes Amendments
- Oscar Montelius Foundation Report
- Nomination Committee Report and Election Results
- New Appointments
- EAA Publications Reports (EJA, Themes, Elements, TEA)
- EAA Communication Strategy
- EAA Code of Practice
- EAA Communities
- Outlook into the Coming Year
- Location of Future Annual Meetings
- Announcement of the 29th EAA Annual Meeting
- Any Other Business

MERC Party

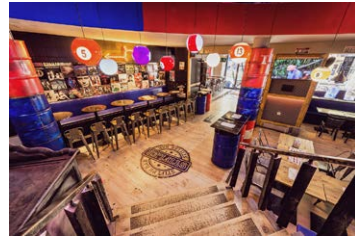
Where: Stifler Pool
Erzsébet körút 19, 1073 Budapest

When: Friday 2 September, 20:00 - 24:00

Price: 18,5 EUR

How to get there:

Trams 4 and 6: Wesselényi utca stop



Stifler is essentially a burger place with a great bar and pool tables gallery. An exclusive area (including some darts and pool tables) for 200 pax is available for the event. This place is best for when you want to grab a couple of pints, eat a good greasy burger, and just chat with your mates. Very affordable and one of the city's most popular pool saloons. Cheers, and enjoy the evening!

Drink coupons will be distributed at the entrance of the venue upon presenting the Annual Meeting badge with a pre-booked MERC Party icon on its back.

Annual Dinner

Where: Európa Boat
Jégverem utca dock
Sztehlo Gábor rakpart,
1011 Budapest

When: Saturday 3 September,
20:00 - 23:00

Price: 80 EUR

How to get there:

Metro M3, Batthyany tér stop



Due to its rich historical and architectural attractions, the readers of 'Cruise Critic' chose Budapest as the most beautiful boat trip destination in Europe over Paris, Vienna or Prague. UNESCO has placed this place on its world heritage list, due to the picturesque view of the river and the bridges.

During the cruising time with Európa Boat we will pass under the gorgeous bridges of Budapest, among others the most famous one: The Chain bridge. We will pass by the Parliament building, the Castle Area, Palace of Art and National Theatre any many other historical building of the capital. Join us to enjoy this breathtaking scenery during the Annual Dinner.

The marvellous 3-storey ship is the biggest event ship in Central Europe with its total shipboard of more than 1500 square metres. Beside the cosy inner spaces there is a huge panoramic terrace offering beautiful view to the river and the city.

During the Annual Dinner guests can enjoy a 2-hours ride on the Danube, while a 3-course delightful menu will be served. As for drinks, you will be offered an unlimited consumption of wine/beer, soft drinks and coffee/tea. For the rest of the evening the ship will park in the harbour.

Excursions

Excursions are for those participants who have purchased them during the registration form. All excursions will be guided by professional tour guides and an experienced archaeologist (in case of archaeological excursions).

The excursion programme is organised by ALTAGRA (www.altagra.hu).



Danube Bend Highlights

29 - 30 August

The Danube Bend attracts visitors not only because of its picturesque natural features but also its rich cultural heritage. Participants of the tour including a river cruise will get an impression of both: stunning views of the Danube Bend and surroundings from Visegrád, centre of power in medieval times as well as rustic ambience in the narrow cobbled alleys of Szentendre.



Bar Hopping & Wine Tasting Tour

29 August, 17:00 - 20:00

Visiting Budapest must include a drink in a ruin bar, an unmissable experience while in the city. During this tour, you will taste the most traditional Hungarian drinks.

We will discover different types of wines and learn about the most traditional spirit that every Hungarian has in their hands now and then.



We will take you to the ever-changing old Jewish district where old and new, history and recent trends live side-by-side, and as we visit different pubs and bars, you get an insight into the great variety the district offers.

If you wish to carry on the evening on your own, your guide will give you suggestions for other places to see, either for a drink or for a tasty light or more traditional Hungarian dinner,

Prehistory revived and mementos of the Socialist era in Százhalombatta

30 August

Several periods from the Prehistory up to the Socialist era left their unmistakable marks on Százhalombatta, a small town only some 60 minutes Danube cruise from Budapest. The tour offers a journey through time by visiting the site of the international excavation of the SAX Project and also highlighting the local late Bronze Age/early Iron Age heritage and their revival in the framework of the Százhalombatta Archaeological Park, as well as exciting details of life in the Socialist era.



A Walk through Centuries – Medieval Memories of Pest

30 August, 14:30 - 17:00

During this 2.5 hour long walking tour we will take you to the very centre of our capital city and see some of the most surprising sights it has on offer. We will enter the Downtown Parish Church where you will see Roman ruins, as well as architectural and decorative details dating from the 12th to the 19th century.



From here on we will continue in small back streets of downtown, enter a hidden backyard and discover the remaining wall pieces of 15th century Pest.

Art Nouveau in Budapest

30 August, 15:30 - 18:00

During this walking tour, we will discover the hidden Art Nouveau gems of Budapest's downtown. We will see some outstanding examples of this unique and playful turn of the century architectural style and will also be able to take a glimpse at one of the masterpieces of the father of Hungarian Art Nouveau, Ödön Lechner.



We will bring you to a rooftop bar so you can admire the breathtakingly beautiful sights of the most extraordinary roof of Budapest.

Radiocarbon dating | Imaging | Materials analysis

CIRAM

MEASURE THE PAST
INNOVATE THE FUTURE

*Dating and archeometric
solutions since 2004*

ciram-art.com

European Archaeology Fair

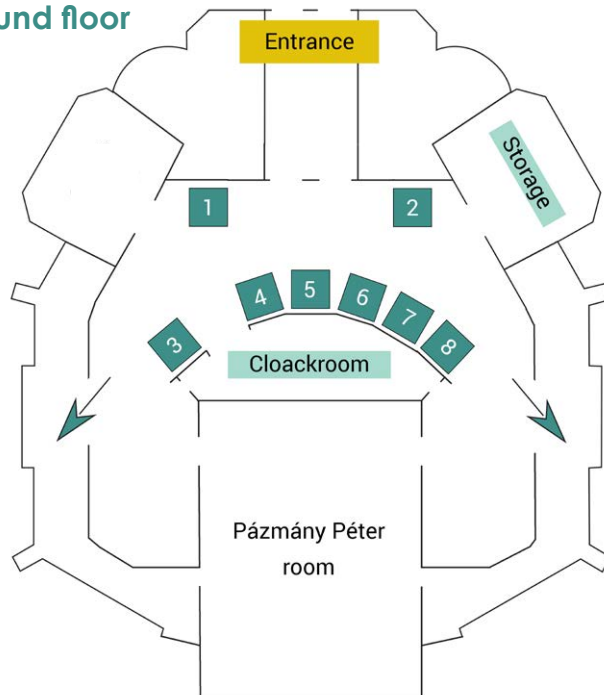
The European Archaeology Fair (EAF) is held in the Gólyavár (Maria Theresia Hall – 1st floor and the ground floor of the building) at the University of ELTE Faculty of Humanities Campus, from 31 August to 3 September.

Even more virtual stands are available in the mobile app where you can also browse the special offers and products which our exhibitors prepared for us. You can contact them via the app and schedule a meeting.

Opening hours:

- Wednesday 31 Aug 12:00 – 16:00
- Thursday 1 Sep 10:00 – 18:00
- Friday 2 Sep 10:00 – 18:00
- Saturday 3 Sep 10:00 – 18:00

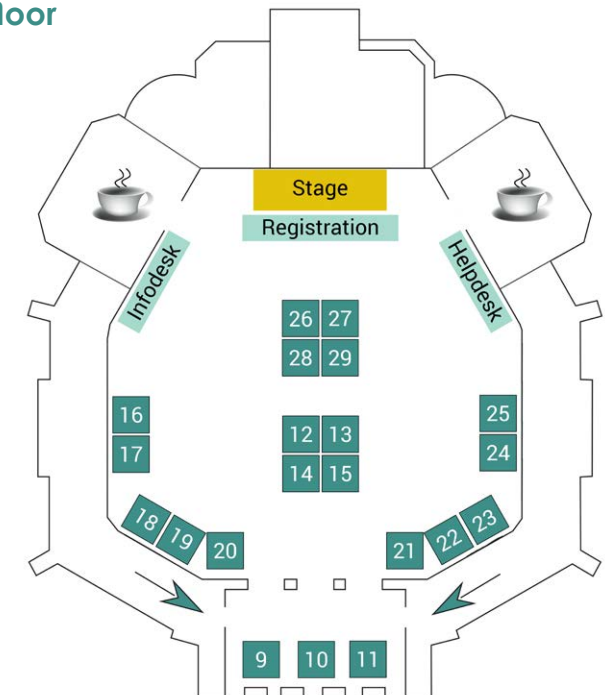
Gólyavár - Ground floor



List of Exhibitors

- | | |
|---|---|
| 01 - ImpulseRadar | 16 - SENSYS |
| 02 - Römisch-Germanische Kommission | Magnetometer & Survey Solutions |
| 03 - BAR Publishing | 17 - Open Archaeology, De Gruyter |
| 04 - ISOTOPTTECH Zrt. | 18 - DW Consulting |
| 05 - Beta Analytic | 19 - Intrasis |
| 06 - ARIADNEplus | 20 - ArchaeologyHub.CSIC |
| 07 - Hungarian National Musuem | 21 - 14CHRONO Centre |
| 08 - Anata | 22 - Bloomsbury Publishing PLC |
| 09 - Profil-Archeo Publishing House | 23 - Archaeolingua Foundation |
| 10 - Chartered Institute for
Archaeologists | 24, 25 - Cambridge University Press |
| 11 - Archaeopress Publishing Ltd | 26 - Springer |
| 12 - CIRAM | 27 - EAA 2023
Annual Meeting in Belfast |
| 13 - Brepols Publishers | 28 - Laser Aided Profiler |
| 14 - Lithodimos | 29 - Bruker Nano Analytics |
| 15 - Antiquity (journal) | Helpdesk - EAA |

Gólyavár - First floor



Exhibitors

1. ImpulseRadar



ImpulseRadar is a Swedish company specialising in developing, manufacturing, and supplying high-quality Ground Penetrating Radar (GPR) solutions. Our modern GPR-based subsurface imaging technology provides mapping and geospatial solutions for underground infrastructure, cultural resources, and transportation infrastructure.

Founded in May 2015 by a group of experienced GPR professionals, ImpulseRadar is world renowned for its incredibly modern and advanced ground-penetrating radar instruments and related software. As the only GPR manufacturer that offers an entire 360 solution and product line that utilises the latest real-time sampling technology, ImpulseRadar has a talented, experienced team that have been influential in bringing to market innovative GPR solutions that have often driven paradigm shifts in the application of this effective non-destructive technology.

<https://impulseradargpr.com/>

2. Römisch-Germanische Kommission



The Römisch-Germanische Kommission, based in Frankfurt / Main, is part of the German Archaeological Institute. It is a government-funded federal institution tasked with researching the prehistory and early history of Europe as well as the archaeology of the Roman provinces. The current research focus is on a range of overarching topics such as the relationship between humans and the environment, landscape archaeology and settlement development as well as questions of spatial development and border zones. These themes are studied using non-invasive and cutting-edge scientific methods, which are constantly being developed in-house. Our diachronic and cross-regional approach is characterised by an emphasis on interdisciplinary cooperation, making the RGK an important hub for European research and exchange in archaeology. The RGK also produces several monograph series, as well as the journals "Germania" and "Berichte der Römisch-Germanischen Kommission".

<https://www.dainst.org/standort/rgk-frankfurt/home>

3. BAR Publishing



An award-winning publishing company, BAR Publishing has been dedicated to academic archaeology since 1974. Founded with the mission to innovate, the publication program includes all key areas in worldwide archaeological research, produced in print, digital or as Open Access. We continue to develop specialist sub-series with expert editorial boards; recent examples include Cultural Studies in Maritime and Underwater Archaeology, Contemporary & Historical Archaeology, and Archaeological Studies on Late Antiquity and Early Medieval Europe. All publications, including Open Access publications, are automatically included in the BAR Digital Collection, the world's largest collection of academic archaeology with over 3700 titles, fully cross searchable. BAR's platform facilitates integration of digital objects and enables complex visualisations such as interactive models.

Our focus is to provide a first-class publishing service for archaeologists, enabling researchers to publish important content quickly and efficiently, which is then distributed to the broadest possible audience worldwide. The BAR team is proud of our strong, collaborative relationships with authors and are always welcoming of discussions of new projects for publication.

BAR Publishing was named Academic & Professional Publisher of the Year 2022 by the Independent Publishers Guild of the UK.

<https://www.barpublishing.com/>

4. ISOTOPTech Zrt.



Isotoptech Zrt. is a unique service provider, operating since 1998. We offer assistance in a wide range of fields, from carbon-14 dating of archaeological samples (bones, tooth, cremated bone, plant remains), artworks and antiquities, biobased content analysis to solutions for environmental problems by our trained experts.

We are one of the few laboratories worldwide that are accredited to perform AMS radiocarbon measurements.

Radiocarbon samples are measured in graphite form with a lead time of 4-8 weeks from the date of arrival of the samples in the laboratory.

Our laboratory has decades of experience in stable isotope measurements (IRMS analysis: $\delta^{15}\text{N}$, $\delta^{13}\text{C}$, C:N, %C, %N), but other isotope measurements are also available, like strontium ($^{87}\text{Sr}/^{86}\text{Sr}$) determina-

tion from bone/tooth samples. We are committed to serving our customers' needs with the most modern instrumentation and preparatory laboratories.

Please contact us for more information: Info@isotoptech.eu, www.isotoptech.eu

<https://www.isotoptech.eu/en/radiocarbon-c-14-dating/>

5. Beta Analytic



ISO 17025-accredited Beta Analytic is a dedicated radiocarbon dating laboratory with turnaround time of 14 business days or less for its AMS Dating service. All analyses are performed in-house by dedicated professional scientists. Results are accessible 24/7 via web access. Beta Analytic has customer support and sample shipping offices around the world. Respected worldwide for accuracy, quality, and customer care.

<https://www.radiocarbon.com/>

6. ARIADNEplus



ARIADNEplus is the continuation of the successful ARIADNE project (2013-2017) for the integration of European archaeological repositories. The current project has extensively updated the ARIADNE Portal which contains a searchable catalogue of over two million archaeological datasets. These include unpublished reports, images, maps, databases, scientific datasets and other kinds of archaeological information accessible online covering a period from around one million years ago to the present day.

ARIADNEplus has established an international archaeological community which seeks to promote best practices such as the use of Linked Open Data and FAIR Data Management. Among the Portal services available are tools for data management (e.g. DMP templates), analysis (e.g. for data mining and NLP) and for data synthesis, (e.g. visualization of images and 3D, locating data on a map or in time) as well as dedicated Virtual Research Environments which provide access to popular applications such as JupyterHub and GIS services.

<http://www.ariadne-infrastructure.eu/>

7. Hungarian National Museum



Founded as early as 1802, the Hungarian National Museum has been collecting and exhibiting artefacts related to Hungarian history (including different archaeological eras of the Carpathian Basin) for over two centuries. As a museum, its tasks cover not only scientific research, organising exhibitions and educational programmes, but also producing publications that are a lasting record of all these activities. Accordingly, the Hungarian National Museum has long been publishing volumes focusing on the objects kept in its extremely rich collection as well as on temporary exhibitions and, generally, on archaeological finds from the Carpathian Basin and on different periods of Hungarian history. The museum has also been dedicating a long-established book series to archaeology called *Archaeologia Hungarica*. While providing an insight into the scholarly work in the museum, these publications address a wider public interested in archaeology, history and art history, from a unique perspective, and, in each case, through the objects themselves.

<https://mnm.hu/en>

8. Anata



Anata is a brand new social virtual reality platform, that provides an affordable solution for companies and organizations to explore the benefits of the Metaverse. Imagine a three-dimensional world, where visitors can see each other, interact, attend guided tours together, or even step into an ancient world. Anata combines entertainment and professional tools, to offer a wide range of possibilities for museums and educational institutions.

<https://www.anataworld.com>

9. Profil-Archeo Publishing House



We are a leading Polish independent publisher in the field of archaeology and archaeological heritage protection based in Cracow. For more than a decade, we have been active in the field of scientific publishing, popularizing the idea of heritage protection, and creating standards for dissemination of research results. We publish stand-alone monographs, publishing series (including our own *Saved Archaeological Heritage* series, and several series and journal titles for our partners: universities and museums). We are indexed in several international

publisher lists (e.g., Norwegian Register for Scientific Journals, Series and Publishers, Polish list of publishers of peer-reviewed scientific monographs (level 1)). Our publications are cited in the major global publication channels. We provide a comprehensive service for publishing monographs or popular works, mainly in the field of archaeology, history, and related sciences (editorial work, peer-review process, type-setting, printing, and distribution). We guarantee attractive conditions for institutions, consortiums, and individual authors.

<http://www.profil-archeo.pl/>

10. Chartered Institute for Archaeologists CIfA

The Chartered Institute for Archaeologists (CIfA) is the leading professional body representing archaeologists working in the UK and overseas. We promote high professional standards and strong ethics in archaeological practice, to maximise the benefits that archaeologists bring to society. CIfA has over 4000 members who study and care for the past through its physical remains.

CIfA confers professional accreditation on applicants who can demonstrate that they are competent to work in any branch of the archaeological profession. These accredited professional members are subject to CIfA's Code of Conduct and Standards, which promote conduct and self-discipline which serves the interests of the public in the pursuit of the study and care of the physical evidence of the human past.

CIfA has members based in many countries and while its main operations are UK-focussed, CIfA has established German and Australian groups which seek to grow professional accreditation using CIfA's Code and principles in these nations.

<https://www.archaeologists.net/>

11. Archaeopress Publishing Ltd

Archaeopress is an independent press which has been publishing scholarly archaeology for more than twenty years. We publish between 6-12 new books each month on a wide variety of archaeological topics, spanning all time periods and all geographic locations. The Archaeopress website contains hundreds of archaeological titles available in print and eBook formats, with over 300 titles available in Open Access or as free downloads for personal use. With a brand-new digital platform for both eBooks and journals, our publishing models



continuously evolve to match the needs of modern academia. For more information about our publications, digital subscription models, and publishing opportunities, please visit our website www.archaeopress.com.

<https://www.archaeopress.com>

12. CIRAM



Since its creation in 2004, CIRAM has offered archaeologists high scientific standards and constructive dialogue. Scientific rigour, high quality of service and speed of results are insured by our regular investment in new generation equipments and reinforcement of our team by specialists in dating and materials analysis. In order to guarantee optimal responses to the archaeological demands, we chose to expand our capabilities by doubling the capacities of our microanalysis laboratory and by doubling the capacity of our radiocarbon dating laboratory. Already rich in numerous collaborations, CIRAM is expanding its offer and assisting in your research projects.

<http://www.ciram-art.com/en/home.html>

13. Brepols Publishers



At Brepols, we understand that your research matters. That's why, with our proven experience in producing high-quality, peer-reviewed archaeological publications, we are the ideal academic partner to bring your results to the international research community in a form that you can be proud of. Whether you are digging in the mud of northern Scotland, or in the sands of Egypt, we undoubtedly have the right academic series or journal in provide a home for your work. So please come in, browse our titles at conference discounts and have a chat with Rosie Bonté, our dedicated publishing manager!

<https://www.brepols.net/>

14. Lithodomos



Lithodomos is the ancient world's most powerful storytelling partner. Founded in 2016 by leading archaeologist Dr Simon Young, Lithodomos harnesses cutting-edge technology to transport people back in time and is on a mission to transform how we experience cultural heritage sites by immersing us in amazing storytelling journeys - we

call them Expeditions. These Expeditions are created by world-class archaeologists, artists, innovators and storytellers united by a shared thirst for helping destinations reveal their legendary past.

<https://lithodomos.com/>

15. Antiquity (journal)



Antiquity is a leading peer-reviewed journal of world archaeology. First published in 1927, we feature original archaeological research on all periods and regions intended for a professional but non-specialist readership. We offer four main article formats: Research, Method, Debate and Project Gallery articles. All submissions are subject to peer review and submissions must demonstrate innovative approaches or novel results of international interest and significance. The journal is published six times a year, in partnership with Cambridge University Press. Antiquity is owned by the Antiquity Trust, a registered charity, with the editorial office based in the Department of Archaeology at Durham University, UK. We welcome formal submissions from archaeologists based in universities, museums, and cultural heritage organisations around the world; we particularly encourage the submission of manuscripts by ECRs and by scholars based in under-represented regions. We also welcome informal enquiries about the suitability of topics and suggestions for special sections.

<https://www.antiquity.ac.uk/>

16. SENSYS Magnetometer & Survey Solutions



SENSYS was founded by Dr. Andreas Fischer in 1990 and became a well-known company to develop and manufacture high precision survey and measurement equipment for magnetic and electromagnetic applications.

The product range comprises hand held iron detectors, multi-channel systems to be carried or pushed, as well as large area survey systems towed by car, vessel or underwater ROVs. Beside non-invasive surveys equipment, SENSYS also produce borehole measurement systems, data analysis software and enabling GPS referencing of measurement data. Furthermore, the range of single probes and sensors is steadily growing, enabling the integration of SENSYS products in bigger systems. This is making the equipment suitable for challenging applica-

tions in the military, marine, archaeological and scientific area.

With more than 20 years of experience, SENSYS is not only delivering products to its customers but also taking care of training, service, repair and support.

<https://sensysmagnetometer.com/>

17. Open Archaeology, De Gruyter

Open Archaeology is a peer-reviewed, open access journal that publishes original, high-quality research on all aspects of archaeology. The journal encompasses novel, interdisciplinary approaches to archaeological data including archaeological science, theory and interpretation as well as archaeological heritage management. It provides the readers with free and permanent access to all content worldwide and the authors with the extensive promotion of published articles, long-term preservation, language-correction services, no space constraints, and immediate publication.

Open Archaeology invites individual authors as well as groups of researchers to submit their articles and proposals of edited volumes to be considered as Special Issues. To find out more, visit our booth where you can discuss publishing with us and get a 20% discount code on the article processing charge.

<https://www.degruyter.com/journal/key/opar/html>



18. DW Consulting

Creator of TerraSurveyor - the industry leader for device independent, geophysical data processing software. Now a 64bit application to better handle huge datasets.

<https://dwconsulting.nl/>



19. Intrasis



Intrasis – a program for documenting, visualizing, interpreting, and analysing archaeological information. Intrasis is one of the industry's most powerful tools for creating and mapping information in a GIS environment. Intrasis is a combination of a complex database and geographical tool where you can record and relate different types of geographical and object information. With Intrasis' 3D functionality you

can view your data together with 3D models.

Intrasis will fulfil nearly all your documentation needs! It is the perfect tool to store object information, geographical data, and documents. It has a unique way of handling relationships between objects that will provide you with quick answers to questions like "show all related information".

You can create a unique database for every project and can change the metadata to fit the site's specific needs. Intrasis is outstanding when it comes to storing interdisciplinary data – when different data sets need to be combined.

<https://www.intrasis.com/>

20. ArchaeologyHub.CSIC



ArchaeologyHub-CSIC is a new network for Archaeology at the Spanish National Research Council (CSIC). We now host over 200 members from 20 different institutes that work in Archaeology, covering a wide range of specialisations in chronological, geographical and technical terms. The main goal is that all research and technical personnel can acquire new knowledge taking advantage of the great human capital and infrastructures available in the Archaeology of CSIC state-wide. Other objectives include achieving a greater internationalization of the Archaeology from our institution and its research groups, as well as attracting young talent that contributes new ideas, facilitating the stability of available human capital, and effectively transmitting research to society. If you are interested in a supportive and competent community of partners with integrity and diverse expertise for your prospective projects, ArchaeologyHub-CSIC can help!

<https://archaeologyhub.csic.es/english/>

21. 14CHRONO Centre, Queen's University Belfast



14CHRONO Centre is a high precision radiocarbon dating laboratory with more than three decades of experience in providing carbon dating and dendrochronology services to members of the academic and commercial sectors worldwide. With a new Ionplus MICADAS AMS, 14CHRONO can now provide higher precision and faster turn-around times than ever. There is also a recently constructed ramped pyrolysis/combustion system, which can separate carbon fractions

thermally and improve radiocarbon dates on artefacts affected by contaminants, such as conservation treatments. 14CHRONO has the facilities and expertise to provide radiocarbon dates for a wide range of applications.

<http://14chrono.org/>

22. Bloomsbury Publishing PLC

BLOOMSBURY ACADEMIC



Are you looking for the best archaeology books for your course or research project? Bloomsbury Academic cover a broad range of topics, from famous archaeological sites to Egyptology, conservation, archaeological science and more. Our aim is to create forward-thinking, accessible, inclusive and high-quality books for current and future archaeologists. We're also expanding our Archaeology publishing further and would love to hear from anyone working on an exciting project. If you're interested in talking about your book idea, please reach out to our Commissioning Editor for Archaeology, Georgina Leighton, or visit our stand.

<https://www.bloomsbury.com/uk/academic/archaeology/>

23. Archaeolingua Foundation



ARCHAEOLINGUA

Archaeolingua Foundation is a non-profit organisation, based in Budapest, promoting interdisciplinary trends in archaeology, historical linguistics, cultural heritage protection, and heritage tourism. As a publisher of academic and educational books, Archaeolingua takes special attention to topics related to cutting-edge technologies in archaeology and the dissemination of knowledge on the latest results of interdisciplinary research and contributes to the preservation of cultural values and heritage.

Archaeolingua has published several book series in cooperation with Hungarian and international institutions. We have been cooperating for decades with – among others – several major archaeology-related Hungarian organisations, including the ELRN's Institute of Archaeology (successor to that of the Hungarian Academy of Sciences), the Pázmány Péter Catholic University, and the Eötvös Loránd University. Our current international partners include the University of Helsinki, the Innsbruck University, and the Iron Age Danube Routes Association. *Central European Series* is published by Archaeolingua in long-term cooperation with Archaeopress.

By running an open-source bilingual online archaeological journal, Hungarian Archaeology (www.hungarianarchaeology.com), Archaeolingua is also providing both Hungarian and international audiences with an accessible and reliable source of up-to-date information on the latest advances in Hungarian archaeology.

<http://www.archaeolingua.hu/>

24. & 25. Cambridge University Press



Explore key titles and journals in European Archaeology from Cambridge University Press. Cambridge University Press is a not-for-profit publisher that dates from 1534 and is part of the University of Cambridge. Our mission is to unlock people's potential with the best learning and research solutions by combining state-of-the-art content with the highest standards of scholarship, writing and production. Visit our stand to discuss publishing with us, browse our latest publications, and access a collection of free chapters and journal articles. All the books we have on display are available to purchase online at a 30% discount for 30 days from the EAA 2022 start date. Visit www.cambridge.org/EAA2022 to find out more.

<https://www.cambridge.org/>

26. Springer



Springer is a leading global scientific, technical and medical portfolio, providing researchers in academia, scientific institutions and corporate R&D departments with quality content through innovative information, products and services. Our archaeology, anthropology, and heritage portfolios include over 30 book series and 14 journals focused on these areas.

We offer a broad scope of publications that covers prehistory to historical archaeology and scholarly works in areas including bioarchaeology, material culture, underwater archaeology, and interdisciplinary content. Our portfolio includes publications done in collaboration with the European Archaeological Association, the World Archaeological Congress, Society for Africanist Archaeologists, and the Society of Historical Archaeology. Springer is also the platform for the Encyclopedia of Global Archaeology and the EAA series, Themes in Contemporary Archaeology.

<https://link.springer.com/>

27. EAA 2023 Annual Meeting in Belfast



We are delighted to invite you to the city of Belfast for the EAA's 29th Annual Conference in 2023. The conference last came to Ireland in 2005 when it took place in Cork and we are excited about hosting the conference in the north of the island. The conference will be largely based within the historic Lanyon Building and associated Queen's University Belfast campus, just a 5 minute walk from the Ulster Museum and Botanic Gardens and a 30 minute walk from the city centre. With so many places of interest to visit and a fascinating history, Belfast has received numerous accolades in recent years, including the #1 Region to Visit in 2018 (Lonely Planet). Our pubs are legendary, and there is no better place to meet and enjoy the "craic" with friends and locals. You can be guaranteed the warmest of welcomes in Belfast.

www.e-a-a.org/ea2023



28. Laser Aided Profiler



For busy archaeologists struggling with processing of large find assemblages, the Laser Aided Profiler (LAP) device employs the latest technology for high-quality, rapid, digital documentation of ceramic fragments. The LAP alleviates the tedious drawing task, allowing you to fully concentrate on your research. Resulting data are stored in an easily accessible database, so you can feed them into data-analytic pipelines and take your research to the next level.

You can use the LAP in the lab as well as in the field. For extreme robustness, there are no moving parts, and the data acquisition is purely optical. It is easily portable, with assembly and disassembly taking just a few minutes. The bundled software application streamlines the drawing process, so you can produce typically about 20 fully digital pottery fragment drawings per hour.

<https://www.laseraidedprofiler.com>

29. Bruker Nano Analytics



Understanding our Cultural Heritage lies in a detailed knowledge of the objects that comprise that heritage. Learning about how objects were created, their origins, and how to preserve them for future generations, are goals we all share. Bruker Nano Analytics supports these goals with a range of portable, mobile, and flexible approaches to analysis in Archaeology and Archaeometry that provide the capabilities of a lab-based analytical suite wherever measurements need to be made, helping you take us back in time.

<https://www.bruker.com/en.html>

SuedLink (virtual stand)



SuedLink will connect North Germany's wind power with the solar parks of the South as part of a wider network of new connectors. The new network also extends to Germany's neighbours, e.g. connects with Scandinavia's hydropower. As an innovative high voltage direct current transmission line, Sued-link helps to improve the geographic distribution and efficiency of electricity transmission over long distances. Suedlink is the largest transmission cable in the network and, at a length of 700km, will be the longest underground power cable in the world. SuedLink is being planned and built by two transmission system operators: TenneT TSO in the North, and TransnetBW in the South.

A Prior Indicative Notice (PIN) for preliminary market consultation for archaeological services on the southern section of the SuedLink project between Lower Saxony and Bavaria as well as Baden-Württemberg has been issued. The PIN can be found at the Tender Daily Europe Website: https://t1p.de/duztn*

<http://www.suedlink.com>

Editions Mergoïl (virtual stand)



Created in 2001, Editions Mergoïl publishes and distributes archaeological books. It is directed by Claire Leger, archaeologist in charge of the collections for the "Conseil départemental de la Haute-Garonne" (31) France.

The catalog of Mergoïl Editions, with more than 200 publications, includes 10 collections (all periods) each directed by a director, a professional researcher, allowing the implementation of a scientific filter to

preserve the quality of the publications.

Endowed with an excellent distribution network that covers all the professionals of archaeology in Europe, universities, museums, administrations and booksellers, the publications follow one another at a regular rhythm, about ten volumes per year. The works published in 5 languages (French, German, English, Italian, Spanish) can be the result of personal research (theses), excavation campaigns, as well as symposiums organized in France or abroad. Over the years, the reputation of the collections has been established, each in its own field, and the Mergoïl publishing house has taken an essential place in the landscape of archaeological publishing in France.

<https://www.editions-mergoil.com/en/>

European Association of Archaeologists (helpdesk)



The EAA is a membership based, non-profit association open to archaeologists and related or interested individuals or organisations. The EAA organises Annual Meetings, publishes the European Journal of Archaeology, the series Themes in Contemporary Archaeology, online series ELEMENTS and releases a newsletter.

www.e-a-a.org

Keynote Lectures

Hegemony and 'Relational Associations' in the Roman Empire

VLADIMIR MIHAJLOVIĆ

When: Thursday 1 Sept, 13:10 - 14:00 CEST

Where: Hungarian National Museum

The Roman world has been seen as networked formation: web of cities, globalized and globalizing system, and outcome of 'work-nets' of people and things. Indeed, Roman imperial structure could be effectively understood as an intricate, multi-directional, varied and fluctuating array of co-relations that spread in multiple manners.

Nevertheless, these relationalities were not self-made, self-supporting and finished entities. Rather, they were ever emerging through vibrant multileveled interactions, and involved the diversity of individuals and groups, but also natural and 'supernatural' worlds, as well as inanimate objects. Also, instead of being free-formed and random articulations, they were systematized by at least loosely defined modes of interplay. Hence, social and cultural phenomena of the Empire can be appreciated as relational associations (or constellations, assemblages) of co-constitutive actors - humans, ideas, natural entities and materialities. Additionally, I would argue, such networking was inevitably entangled with 'theory' and practice of imperialism as it operated through specific worldviews, templates of hierarchical ordering, down-scale domination, and systemic discriminations. In other words, relational associations were highly ideologized and imbued with different kinds of power, prone to manipulation by the privileged, and thus with hegemonic capacities in social, cultural, economic and biological terms. Consequently, they were not all-inclusive, neutral and benign systems of affordances: rather, they were reified through plethora of preferences and exclusions, privileges and oppressions.

The outlined position will be elaborated by case studies that question the role of materiality within hegemonizing relational constellations in the Pannonian-Balkan area of the Empire.



Biography: Vladimir Mihajlović

Vladimir Mihajlović is Associate Professor at the Faculty of Philosophy, University of Novi Sad (Serbia), where he works with the courses in archaeology and cultural heritage. His main areas of research are late Iron Age and Roman archaeology, with the focus on local-imperial interactions, Roman imperialism and its socio-cultural effects, and construction of identities in the provinces. He also studies contemporary reception of the Roman period, as well as social role and usage of archaeology. Specifically, he tends to employ anthropological and sociological theories in order to widen the approach and improve analytical tools of archaeological perspective. Besides of being involved in different research projects in Serbia, he is co-organizer of biannual international conference *Imperialism and Identities at the Edges of the Roman World*, and coeditor of the publications derived from them.

Interdisciplinary Approaches and Their Integration into Early Iron Age Studies in SE Europe

MATIJA ČREŠNAR

When: Thursday 1 Sept, 18:45 - 19:45 CEST

Where: ELTE Campus, Building B, room 172

Monumental hillforts and extensive burial mound cemeteries are among the most iconic prehistoric features in the area between the Alps and the Danube, and beyond. Their history of research dates back to the work of antiquarians when the first cornerstones of our discipline were laid. Furthermore, their study contributed to the development of the classical toolkit of prehistoric archaeology, which still forms the foundations of our research today. In recent decades, a number of newly emerging methods and techniques are increasingly contributing to a better understanding of the many facets of the prehistoric archaeological record. However, we sometimes fall short when integrating these novel approaches into our existing knowledge base.

In this talk, I will focus on the Early Iron Age between the Alps and the Danube and will highlight what the most important new interdisciplinary developments have contributed to our understanding of the region and how the results have been integrated into previously established interpretations. The extensive use of airborne laser scanning and geophysical methods has made our largest dataset, the landscape, much more tangible. Hillforts and burial mounds are thus no longer discussed as independent monuments but as integral parts of their surroundings. Important progress has also been made in the use of various geoarchaeological methods to help us understand the complex biographies of prehistoric sites, their parts, but also of individual features and structures more precisely. Not to forget the detailed analyses of various artefacts and materials, including animal and human skeletal remains, where important new approaches have been established. In relation to the latter, stable isotope and genetic studies have opened up new horizons for the understanding not only of individuals, their familial and other social ties, but prehistoric demography on an unprecedented scale.

Last but not least in integrating this new knowledge into our understanding of the prehistoric past, is the important work of heritage promotion in fostering a natural alliance between cultural heritage and an (informed) wider public. This is, for example, in the Danube region, supported and enhanced by the Iron Age Danube Route, a recently certified Cultural Route of the Council of Europe.



Biography: Matija Črešnar

Matija Črešnar (PhD 2009) is Assoc. Prof. of Archaeology of the Metal Ages at the Department of Archaeology, Faculty of Arts, University of Ljubljana. Since its establishment in 2019, he is also Chair of the Centre for Interdisciplinary Research in Archaeology (CIRA) at the Department of Archaeology, which aims to promote interdisciplinary and inter-institutional cooperation in the fields of archaeology and cultural heritage. Since 2009 he has also been partially employed at the Institute for the Protection of Cultural Heritage of Slovenia (IPCHS), where he is mainly involved in the management of international projects and collaborations, as well as the promotion of archaeological heritage.

In his research he specializes in Bronze Age and Iron Age studies in Central and South-Eastern Europe. The emphasis of his research lies in the integration of classical archaeological approaches with recent technological and methodological developments in the field. The most extensive studies under his direction focus on archaeological landscapes, using remote sensing and geophysics. He is also involved in the study of various archaeological materials and human skeletal remains, recently employing stable isotope and genetic analysis.

He has (co)published widely on the above topics, including eight edited volumes, numerous journal articles, book chapters, and articles in conference proceedings, and has organized/contributed to several exhibitions, conferences, sessions etc.

The Flourishing and Decline of Neolithic Civilizations in East-Central and Southeast Europe: A Review on Concurrent Paleoclimate and Paleoenvironmental Changes

ENIKŐ MAGYARI

When: Thursday 1 Sept, 18:45 - 19:45 CEST

Where: Hungarian National Museum

The Neolithic was a critical turning point in the evolution of human societies that fell in the time of the Holocene climatic optimum. In EC Europe, the early and middle 5th millennium BC was the most flourishing development period for the Neolithic Civilization (NC), known as the 'golden 5th millennium' due to the substantial progress made by human communities at multiple levels. About 4550-4200-4000 cal BC, the first signs of decline became visible, with the burning and/or abandonment of hundreds (>600) of tell settlements apparently in the same centuries in the East Balkans (BG-RO, SRB-HU). There are three broad explanations for this decline: (1) population movements (penetration of new populations from the North Pontic steppe (NPS)), (2) environmental fluctuations, and (3) internal social changes. In this presentation we will review climatic and biome changes at the Neolithic onset and decline and examine the spatial differences in land cover changes attributable to human impact. It is well-known that the Neolithic expansion coincided with the Holocene Summer Thermal Maximum after the 8.2 rapid climate change event. Its waning during the Chalcolithic, on the other hand, occurred when cooler summers and increasing wetness appeared in the mid-5th millennium BC exacerbated by the 4.0/3.9-3.2 ka BC Rapid Climate Change (RCC) event (Bond Event 4). Biomes of both the vast Pontic and Pannonian steppes and the forests of the low and mid mountains underwent rapid changes between 4600 and 4200 BC, with a ~2°C decrease in July mean temperatures in the Southern Carpathians; increased available moisture and summer cooling facilitated the expansion of forest steppe in the NPS, a biome shift towards warm temperate forest steppe with the expansion of hornbeam and withdrawal of spruce in both Transylvania and the Pannonian steppe. This period was, however; also beset with short-lived arid events, most conspicuously in the eastern steppe zone around 4200 BC when the local population moved North and West. However, no such marked arid events are obvious in Transylvania and the Danube Plain. In the Danube Delta and extraordinary rapid sedimentation appeared from ~4200 BC, the Black Sea level rose meaning that coastal and floodplain farming sites were in danger. Furthermore, the demise of the NC also appeared along with the first demonstrated spread of plague suggesting the combined effects of various factors. At this time, traditional



crop cultivation was increasingly complemented with hunting and animal husbandry of large-bodied animals, as is shown by discoveries from the last phases of some tell settlements from RO.

Biography: Enikő Magyari

Enikő Magyari is a paleoecologist focusing on the last glacial and Holocene climate history and vegetation dynamics of East-Central Europe. She is a full professor in Earth Sciences at Eötvös Loránd University Budapest. Currently she is head of department at the Environment and Landscape Geography Department and scientific advisor at the ELKH-MTM-ELTE Research Group of Palaeontology. Together with PhD students and colleagues, she works actively in the Climate Change and Paleoecology Research Group.

Exploring the Latest Scientific Results of the Early Prehistory of the Iron Gates: A Significant Landscape at the Fringe of the Carpathian Basin

ADINA BORONEANT

When: Friday 2 Sept, 13:10 - 14:00 CEST

Where: ELTE Campus, Building B, room 172

The Iron Gates section of the Lower Danube along the border between Romania and Serbia has a significant record of Mesolithic and Early Neolithic settlements spanning from ca. 13.000 to 5500 cal BC. Archaeological surveys triggered by the decision to build two hydro-dams on the Lower Danube between Serbia and Romania identified over 50 cave and open-air sites dated to the Late Pleistocene and the Early Holocene on both banks of the river. The subsequent rescue excavations uncovered numerous burials and architectural remains and produced rich inventories of faunal material and portable artifacts (artworks and ornaments of bone, shell and stone). Although most of the Iron Gates sites have been submerged by the reservoir lake, some were only partially flooded and new excavations have been possible at Schela Cladovei, Vlasac, and Aria Babi. Recent advances in the archaeological science triggered studies of the finds from both the newer and the earlier excavations. This is a review of the recently acquired knowledge on the Mesolithic and the Early Neolithic in the Iron Gates. The presentation is divided into various sections dealing with chronology, mortuary practices, isotopic studies of subsistence and mobility patterns, as well as the nature and timing of the transition from Mesolithic to Neolithic. This will hopefully fall within the scope of the main theme "The Carpathian Basin: Integration, Mobility and Diversity" by interpreting material culture, applying theoretical approaches and exploring the latest scientific results in the Iron Gates region.



Biography: Adina Boroneant

Senior Researcher at the "Vasile Părvan" Institute of Archaeology of the Romanian Academy.

Graduate of the *Computers and Automaton* Faculty of the Polytechnic University in Bucharest (1996) and the History Faculty of the University of Bucharest (2000). PhD at the Institute of Archaeology of the Romanian Academy on the *Mesolithic-Neolithic transition in the Iron Gates area of the Danube* (2010). Fulbright Alumni (Visiting Researcher at the University of Madison – Wisconsin, 2004-2005). Postdoctoral Grant of the Romanian Academy (2011-2013).

My main research interests are linked to the Early Prehistory of southeastern Europe, focusing on the Mesolithic and the Neolithic: application of scientific dating methods in archaeological research, raw material sourcing and technologies by means of chemical-physical studies, funerary archaeology, and human-environment interactions. I also take a keen interest on the Bronze Age of southern Romania from the perspective of the lithic and environmental studies.

Author of the *Mesolithic-Early Neolithic transition in the Iron Gates of the Danube* (in Romanian, 2012) and co-edited *From foragers to farmers* (2018), *Beauty and the eye of the beholder* (2020), *Recreating artefacts and ancient skills: from experiment to interpretation* (2022).

On-going excavations in the Mesolithic/Early Neolithic site at Schela Cladovei, in the Iron Gates section of the Lower Danube.

A Third Scientific Revolution in the Third Millennium BC: Yamnaya, Globular Amphoras, Corded Wares, Bell Beakers

VOLKER HEYD

When: Friday 2 Sept, 13:10 - 14:00 CEST

Where: Hungarian National Museum

It is now eight years ago that one of the *Nestors* of our discipline, Professor Kristian Kristiansen, published his seminal article "Towards a New Paradigm? The Third Science Revolution and its Possible Consequences in Archaeology" in the *Current Swedish Archaeology* volume 22. It reviewed, in a nutshell, past methodological directions and highlighted a near future in which the collaboration with biological, environmental and computer sciences determines a new promising trajectory in Archaeology. Well, this future is now somehow already reality, and in this lecture I want to demonstrate how sciences --particularly ancient DNA, isotopes, bio-marker lipids, proteomics, and also bio-anthropology-- have completely altered our perspective on late 4th and 3rd millennium BC populations, societies and cultures, economies, and migrations across Europe. Particularly beginning to understand the mutual interactions in the sequence Yamnaya – Globular Amphoras – Corded Wares – Bell Beakers as part of a continental-scale horizon of transformations would not have been possible without the effects of the Third Scientific Revolution.



Biography: Volker Heyd

Volker Heyd is a Professor at the University of Helsinki in Finland. Previously, he worked as a heritage manager/researcher in Germany and --before moving to Helsinki in 2018-- for 17 years at the University of Bristol in the UK. Volker is a prehistoric archaeologist, currently dedicating himself to topics around human mobility, migrations, identity and ethnicity. He also promotes scientific applications in Archaeology, particularly ancient DNA, stable isotopes and biomarker lipids. Volker has authored/edited nine books and published about 100 articles, spanning from the Early Neolithic in Anatolia to the Iron Age in Central Europe. Currently he leads as overall PI the ERC Advanced project 'The Yamnaya Impact on Prehistoric Europe' (2019-2024).

Right Here: Considering the Location of Artefacts and Archaeological Values

SUZIE THOMAS

When: Saturday 3 Sept, 13:10 - 14:00 CEST

Where: ELTE Campus, Building B, room 172

Inspired by many of the threads of the "Archaeologists and Archaeology Here and Now" theme of EAA 2022, I attempt in this keynote to situate the ethical values, assumptions and identities that archaeologists hold within a wider societal and cultural context. This is a challenge even within Europe, as we see culturally and economically diverse settings. We know that even archaeologists that have signed up to the EAA and its responsibilities are far from a homogeneous group sharing common ground on all issues.

Nonetheless, many archaeologists have spent time, especially in conferences and through publications, discussing and reflecting on the future of the discipline, its significance to society, and how best to communicate about what they do. This seems urgent, as we witness once formidable archaeology departments facing threat of, or actual closure, and funding cuts all around. An even greater challenge for archaeologists may be to meet perspectives from outside of the discipline, and to situate themselves more broadly outside of their usual circles.

A central question which many archaeologists work with - either directly or indirectly - is that of what should happen to the archaeological artefacts themselves. Do they all belong in a museum? Can (or should) ownership be conceived of in numerous ways? What should happen to all of the things that get found? Although archaeology is ultimately about people - in the here and now and also in the past (and perhaps the future too) - it is hard to deny that artefacts themselves have agency. In my keynote I do not offer answers but hope to provide food for thought, perhaps even context.



Biography: Suzie Thomas

Suzie Thomas, FSA, is a Professor of Heritage Studies at the University of Antwerp, Belgium. She gained a PhD in Heritage Studies from Newcastle University, in which she investigated the relationships between archaeology and metal detecting in England and Wales. She has worked previously at the Council for British Archaeology, and at the Universities of Glasgow and Helsinki, at the latter of which she also holds Title of Docent. For research, she is particularly interested in non-professional and alternative responses to archaeology, navigating so-called 'dark' heritage, and heritage crime. Suzie teaches on the new Masters programme in Heritage Studies in the University of Antwerp, which launches in September 2022, and is a member of the Antwerp Cultural Heritage Sciences (ARCHES) research team.

Guidelines for Session Organisers and Presenters

Please refer to the full version of the EAA guidelines at www.e-a-a.org/ea2022/guidelines.

However, please keep in mind the following aspects in particular:

For organisers of sessions:

All rooms are equipped with computers / laptops, cameras, microphones, speakers and projectors. Please familiarise yourself with the session room 20 minutes before the session begins. There will be a volunteer on hand in each room throughout the session to assist with the technicalities. In case the volunteer is not present, please inform promptly any volunteer / organiser / IT support in the venue.

Each session will be streamed to the event software. For active online participation, delegates have to go directly to the Zoom meeting.

- Stay in contact with your speakers before the Meeting. Make sure all your speakers know the running order of speakers and how long they are allowed to speak for.
- Speakers can be either online or onsite. Online speakers may provide you with pre-recorded presentation but they should be always present for Q&A. It is recommended that onsite speakers upload their presentations to the computer before the session begins.
- All posters (if relevant to your session) are uploaded in the e-poster boards in the venue and in the mobile app. You can also ask authors of posters to present them shortly during the session (discussion slot or if there is a free time) but please inform them beforehand.
- If a gap occurs in the session's running order due to the absence of a speaker, please do not shift the order presented in the Programme (delegates may be coming in for a particular presentation); instead, use the time for discussion or a short break.
- Please make sure everyone is talking to microphone so online participants can listen as well.
- For Q&A, you can use the chat within the mobile app.
- All sessions are streamed however only those which were submitted as to be recorded will be recorded - please inform the speakers accordingly.

For onsite speakers:

- Bring your presentation on a memory stick or have it stored in the cloud and upload it on the computer at least 20 minutes before the session begins, or follow the main session organiser's recommendation. Make sure your file name includes your name or initials.
- Acquaint yourself with the session running order and the time allowed for your presentation: ask the session organiser(s) if in doubt.
- You can use the mobile app for Q&A.



For online speakers

- You need to log in to the event software (the web-based version: <https://live.allintheLOOP.net/App/EAA/EAA2022>), from where you will be directed to a particular Zoom meeting room.
- We highly recommend using the Zoom application on your computer, rather than using the web-based version. Please download the application and set up your Zoom account before the event.
- Use Google Chrome browser.
- We recommend using WIFI with a connection speed of at least 1.2 Mbps. Please also ensure you are not connected to a VPN.
- If you do not have a stable internet connection, please pre-record your presentation and send either the link to shared folder, or the file to the session organiser.
- When presenting, it is best to use a microphone and headphones, or an all-in-one headset, to cancel out any background noise.
- If possible, please sit with your back to the wall, with all windows shut and covered.
- If you are not actively presenting, please turn off your camera and microphone.
- We strongly encourage you to test sharing the screen in a test room which will be open from 8:00 to 18:00 CEST.
- Acquaint yourself with the session running order and the time allowed for your presentation: ask the session organiser(s) if in doubt. Please note all times mentioned in the Programme Book are in CEST.

For poster presentations:

- Posters will be displayed on e-boards in Gólyavár Building and in the Main Building (see plans in pages 47-50). They are also available in the mobile app.
- Since your poster is associated with a specific session, you should attend this session: you may be asked to briefly present your poster, answer questions and follow up on specific points with the audience.

How to Read the Scientific Programme

The scientific part of the Programme Book is ordered firstly by lecture day (Thursday 1 September – Saturday 3 September) and subsequently by session number. Each lecture day consists of four 2-hours session blocks separated by coffee (30 minutes) and lunch (60 minutes) breaks:

- Session block 1: 08:30 – 10:30 CEST
- Coffee break 1: 10:30 – 11:00 CEST
- Session block 2: 11:00 – 13:00 CEST
- Lunch break: 13:00 – 14:00 CEST
- Keynote lectures: 13:10 – 14:00 CEST (Thursday, Friday, Saturday)
- Session block 3: 14:00 – 16:00 CEST
- Coffee break 2: 16:00 – 16:30 CEST
- Session block 4: 16:30 – 18:30 CEST
- Keynote lectures: 18:45 – 19:45 CEST (Thursday)

The scientific programme printed in the Programme Book was last updated on 15 August; any later changes are available on the Annual Meeting website www.e-a-a.org/EEA2022/scientificprogramme, and in the mobile app (please download to your device in Google Play or App Store) and on the web based event platform (<https://live.allintheloop.net/App/EEA/EEA2022>).

Author affiliation is stated in brackets following the author's name; where authors share the same affiliation, it is only stated once. First author is considered the presenting author. The Abstract Book which also includes a list of session organisers and presenting authors is available at the Annual Meeting website www.e-a-a.org/EEA2022/scientificprogramme or you can use the mobile app as well.

Filming and photographing

It is forbidden to film at sessions, the Annual Membership Business Meeting and other official occasions without the permission of the EAA. The EAA provides filming for selected sessions, keynote lectures, the Opening Ceremony and the AMBM. Individual presenters can opt out from being recorded; they can also edit their recorded presentation at any time before its release.

Please note that authors might oppose taking screenshots / photos of their presentation. We do encourage authors to add watermark, copyright and/or disclaimer to each slide of the presentation.

SESSIONS

THURSDAY 1 SEPTEMBER

Building room nr.	8:30 - 10:30	11:00 - 13:00	14:00 - 16:00	16:30 - 18:30
A 039	337. Archaeology Matters. The Need to Re-define the Relevance of Archaeology [EAA ExB]	254. Understanding the Dynamics of Making and Trading Goods across Medium and Long Distances in the 2nd Millennium BC		
A 047	339. "More than Just Bones" - Understanding Past Human Adaption and Behaviour through the Study of Human Remains			
A 150	280. Pottery and Identity in the European Neolithic: The Interpretative Path between Archaeological Features and (Pre)Historical Narratives			403. Domestication of Space: Internal and External Dwelling Structures in Middle and Upper Palaeolithic Sites [PaM]
A 329	239. A Look beneath the Surface: Micro-archaeological and Geoarchaeological Approaches to the Study of Occupation Surfaces			85. Understanding Neanderthal Symbolic and Cultural Behaviour and Their Cognitive Underpinnings. Where Do We Stand? [PaM]
A 330	378. Moving beyond the Fact of Mobility? Re-evaluating the Strengths and Limitations of Strontium Isotope Analyses in Archaeology			421. Space Syntax: The Material Imprints of Spatial Integration Processes
A 336	321. Human Resilience during Eurasian Paleolithic and Mesolithic from a Bioarchaeological Perspective [PaM]			108. The Times Are a Changing - Socio-Cultural and Ecological Change during the Atlantic Biozone and Their Impact on Human Life [PaM]
A 428	12. Seeing the 'Art' in Artifacts: The Inter-connections of Archaeology and the Arts			
A 429	417. As Far as Vases Go: Studies on Ancient Greek Pottery Trade and Its Contexts			
B 172	154. Towards an Archaeology of Household Practices – Current Archaeological and Scientific Contributions		10. United Europe of Things 3: Understanding Transition - Integration - [Re]Integration through Medieval Material Culture	

Building room nr.	8:30 - 10:30	11:00 - 13:00	14:00 - 16:00	16:30 - 18:30
B 217	51. Conquest, Migration and Cultural Change in the Medieval Mediterranean			215. Facing Water Resources and Variations in Central Asia from Prehistory to Timurid Period: Disaster(s), Adaptation, Anticipation
B 242	285. Gender Dynamics at the Dawn of the Classical World: An Indigenous Perspective [AGE]	434. Creation of European Identities – Food, Textiles and Metals in the Iron Age Between Alps, Pannonia and Balkans		
C 173	404. Socio-environmental Systems and Resilience to Disturbance Regimes	260. Whose Pot Is It Anyway? Style, Influence, Integration and Meaning in European Ceramics		
C 278	222. Ad Salubritatem Civitatum. The Archaeology of Water Evacuation Infrastructures in Roman Urban Settlements		379. The Archaeology of Large-scale Conflicts: The Emergence of the Mongol Empire and the Invasion of Central-Europe in its Eurasian Context	402. Scaling Bronze Age Societies – Between the Micro and Macro
C 328	257. Big Project, Big Data: Creating a Web of Knowledge			341. Oversea and Inland – Culture Contact Dynamics in the Mediterranean during the 1st Millennium BCE
F 012	223. Winds of Change? Post-medieval and Historical Archaeology in Southern Europe and the Mediterranean			211. Right Here, Let's Get It Right Now. Collaborative Creation of Standards and Guidance to Define Good Archaeology in Different Jurisdictions
F 013	268. Human Remains: Between Objects of Science and Lived Lives. Toward a New Ethics for Human Remains in Archaeology	230. Sediment and Soil Archives to Decipher Human-environment Interactions in Wetland Landscapes from the Neolithic to the XXth Century		

Building room nr.	8:30 - 10:30	11:00 - 13:00	14:00 - 16:00	16:30 - 18:30
Gol-yavar Pazmany Peter	86. Prehistoric Warriorhood in Transition			419. Using Forensic Archaeological Approaches to Inform the Past
Main 011	336. Experimental approaches to Palaeolithic and Mesolithic Archaeology [PaM]		330. Sustainability in Archaeology and Today: An Interdisciplinary Approach	
Main 026	197. Standardization in Qualitative and Quantitative Use-wear Analysis of Prehistoric Stone Tools: Discussing Issues and Solutions [PaM]		347. Natural Resources of Highlands and Hinterlands in the Mediterranean	
Main 027	407. Digital Religioscapes: Current Methodologies and Novelties in the Analysis of Sacr(aliz)ed Spaces			
Main 034	252. Borderline Lithics: From Spatial Patterns to Social Processes during the European Neolithization [PaM]			203. Across the Maelstrom: Searching for New Departures in the Archaeology of the Viking Age
Main 039	351. Routed Archaeology III – Getting around		385. Place Name and Archaeology – New Interdisciplinary Approaches in Europe	
Main 112	384. Women's Status and Agency in the Neolithic and Metal Ages of Central Europe [AGE]		250. From Local to Microregional and Beyond: Spatial Structures in and around the Early Medieval Carpathian Basin	
Main 137	396. Reenactment and Living Museum – Make History Accessible			320. Archaeologies of Displacement Heritage, Memory, Materiality
Main 138	365. Life and Death behind the Wall: A Multidisciplinary Approach to Monasticism in Past		374. The Archaeobotanical Puzzle: (Dis)Integrating Botanical Proxies to Better Comprehend Past Plant-People Interactions	
Main 252	98. Hunter-Gatherer's Societies in the Southwestern Europe between 18,500-10,000 cal. BP [PaM]			383. Scaling up: Archaeological Science Contributions to Big-picture Narratives on Human-Animal Relations

Building room nr.	8:30 - 10:30	11:00 - 13:00	14:00 - 16:00	16:30 - 18:30
R E021	397. Archaeological Prospection and Field Evaluation Practice from Bologna Process to Convention of La Valetta. Do We Practice What We Preach? [Archaeological Prospection]		130. New Interactions and Relations with Heritage. Different Approaches between Heritage and Stakeholders	
R E030	32. Skyscape, Landscape and Archaeology. Study of Ancient Buildings from Different Perspectives and Disciplines to Give Them a Cultural Meaning [SEAC-EAA]		174. Rhythms of Life. Exploring the Imprints of Temporalities and Annual Cycles on Prehistoric Settled Life	
R E151	198. From Fire to Light			220. Apprenticeship as Research Method
R E245	368. Avocational Metal-Detecting in Europe: International Experiences and Local Considerations	184. Center vs Periphery. Interdisciplinary Approaches to the Study of Material Culture, Architecture, and Landscape in the Caucasus Region	400. Step by Step. The Rough Road towards Community Archaeology	
R E253	376. Economic Systems in the Neolithic and Bronze Age: Pathways of Production, Consumption, Storage, Control and Exchange			392. The Anti-HA-BI Toolkit: Practical Solutions and Measures for Preventing and Addressing Harassment, Assault, Bullying and Intimidation in Archaeology [AGE]
R E356	394. So Many Settlements so Few Graves? Neolithic and Chalcolithic Practices with the Dead in Circum Pontic Region and Southeastern Europe	349. Dark Horse – Archaeologies of Horses and Horse Culture in the Middle Ages		
R E414	153. Apps and Archaeology. Use of Apps as Archaeological Tools		241. Archaeology as Study of the Future	

Building room nr.	8:30 - 10:30	11:00 - 13:00	14:00 - 16:00	16:30 - 18:30
R E423	39. Presentism and the Archaeologies of the Present: Engaged Practices and Methodologies		432. Logistics and Natural Resources: Supply and Transportation through Time (5th century BC – 5th century AD)	

KEYNOTE LECTURES

- 13:10** **Vladimir Mihajlović:** Hegemony and 'Relational Associations' in the Roman Empire
Where: Hungarian National Museum
- 18:45** **Matija Črešnar:** Interdisciplinary Approaches and Their Integration into Early Iron Age Studies in SE Europe
Where: Building B, room 172
- 18:45** **Enikő Magyar:** The Flourishing and Decline of Neolithic Civilizations in East-Central and Southeast Europe: A Review on Concurrent Paleoclimate and Paleoenvironmental Changes
Where: Hungarian National Museum)

10 UNITED EUROPE OF THINGS 3: UNDERSTANDING TRANSITION - INTEGRATION - [RE]INTEGRATION THROUGH MEDIEVAL MATERIAL CULTURE

Room: Building B, room 172

Time: 14:00 - 18:30

Theme: 2. [Re]integration

Format: Regular session

Organisers: Sawicki, Jakub (Institute of Archaeology, Czech Academy of Sciences in Prague) - Lewis, Michael (Portable Antiquities Scheme; British Museum) - Vargha, Mária (Department of Archaeology, Charles University Prague)



PAPERS

14:00 INTRODUCTION

14:15 LETTERING ON MEDIEVAL AMPULLAE: EXPLORING ENGLISH AND WELSH FINDS WITHIN A EUROPEAN CONTEXT

Lewis, Michael (British Museum; Portable Antiquities Scheme)

14:30 THE MEANING, USE AND REUSE OF PILGRIMBADGES - METALDETECTING AND ARCHAEOLOGICAL FINDS AS SOURCE TO MEDIEVAL RELIGIOUS PRACTICE IN DENMARK

Søvsø, Mette (Museum of Southwest Jutland)

14:45 SEXUAL BADGES AND ITS UNIQUE VISUAL CULTURE: THE PERSPECTIVE OF THE LATE MEDIEVAL LOW COUNTRIES ON SEXUALITY

Fenucci, Lisa (Group van Vooren - Department Archaeology)

15:00 BLUE AND WHITE GLASS VESSELS AND EQUIVALENTS IN EUROPE IN THE 10TH-12TH CENTURY CE

Pactat, Inès - Gratuze, Bernard (Centre Ernest Babelon - IRAMAT - UMR 7065)

15:15 TOOLS OF A MEDIEVAL RURAL METALWORKER

Vargha, Maria (Charles University Prague)

15:30 WHY THE BELLS RING FROM WEST TO EAST? A WESTERN TECHNOLOGICAL PATTERN OF BELL CASTING IN MEDIEVAL TRANSYLVANIA

Cringaci Tiplic, Maria Emilia (Institute of Social Sciences and Humanities Sibiu, Romanian Academy)

15:45 DISCUSSION SLOT

16:30 DRESS ACCESSORIES AS GRAVE-GOODS: THE CASE OF THE CHURCHYARD CEMETERIES OF SIBIU AND BAIA MARE

Szocs, Peter Levente (County Museum Satu Mare, Romania) - Marcu-Istrate, Daniela (Vasile Pärvan Institute of Archaeology, Bucharest)

16:45 WERE THERE BORN A "NEW" TRADITION? EARLY MODERN SEGMENTED BELTS FROM CENTRAL EUROPE

Sawicki, Jakub (Institute of Archaeology, Czech Academy of Sciences in Prague)

17:00 DISCUSSION SLOT

17:15 LOCAL COOKS MEET FOREIGN GOODS: IMPORTED POTTERY AND LOCAL SOAPSTONE AT A PROTO-URBAN SITE ON THE EUROPEAN PERIPHERY

Blobel, Mathias (University Museum Bergen)

17:30 FASHION ON THE TABLE – TABLEWARE OF WESTERN ORIGIN AND THEIR INFLUENCE IN LATE MEDIEVAL TRANSDANUBIA (HUNGARY)

Kovács, Bianka (Institute of Archaeology, Research Center for the Humanities)

17:45 DISCUSSION SLOT

12 SEEING THE 'ART' IN ARTIFACTS: THE INTER-CONNECTIONS OF ARCHAEOLOGY AND THE ARTS

Room: Building A, room 428

Time: 11:00 - 18:30

Theme: 1. Archaeologists and Archaeology Here and Now

Format: Regular session

Organisers: Jameson, John H (ICOMOS ICIP; ICOMOS ICAHM) - Tint, Küllike (Tallinn City Museum)

PAPERS

11:00 BEYOND ANCIENT MUSES: CAPTURING THE INTERPLAY BETWEEN ARCHAEOLOGY AND THE ARTS

Jameson, John H (ICOMOS)

11:15 NEW TECHNOLOGIES AND THE INTER-CONNECTIONS BETWEEN MAYA ARCHAEOLOGY AND THE ARTS

Munoz Cosme, Gaspar (Universitat Politècnica de València) - Vidal Lorenzo, Cristina - Aliperta, Andrea (Universitat de València)

- 11:30 THE EYE OF THE BEHOLDER: ART APPRAISAL AS AN OBSTACLE TO ARCHAEOLOGICAL CONTEXT, THE CASE OF EARLY CYCLADIC ANTHROPOMORPHIC SCULPTURE**
Hadji, Athena (DIKEMES - College Year in Athens; American University of Rome)
- 11:45 VISUALISING THE DEVELOPMENT OF A DISCIPLINE: THE ATLAS OF ARCHAEOLOGY – CHARTING THE HISTORICAL TRANSFORMATIONS OF A DISCIPLINE**
Sinclair, Anthony (University of Liverpool)
- 12:00 INTERDISCIPLINARY RESEARCH ON THE BODY DECORATION OF A MUMMY FROM PACACHAMAC (PERU)**
Bak, Judyta (Jagiellonian University) - Gerst, Robin (Goethe-Universität Frankfurt)
- 12:15 JUXTAPOSED: COLLABORATIONS WITH ART AND ARCHAEOLOGY**
Nimura, Courtney - Creswell, Miranda (University of Oxford)
- 12:30 EDUCATION FOR ARCHAEOLOGY AND THE ARTS IN THE ROMAN RUINS OF MILREU, ALGARVE, PORTUGAL**
Tété Garcia, Cristina (DRCA; CEAACP/UALG)
- 12:45 DISCUSSION SLOT**
- 14:00 PUBLIC ARCHAEOLOGY AND DANCE - A CASE OF TALLINN CITY MUSEUM**
Tint, Küllike (Tallinn City Museum) - Tuominen, Suvi (University of Arts Helsinki)
- 14:15 EXCAVATION PRAXIS IN AN ART/ARCHAEOLOGY TOPOS**
Ifantidis, Fotis (University of the Aegean, Department of Cultural Technology & Communication)
- 14:30 ARCHAEOPOETICS: A CONTEMPORARY ART INSTALLATION PRESENTED IN AN ARCHAEOLOGY MUSEUM**
Saillant, Francine (Université Laval) - Courier, Camille (UQAM)
- 14:45 ANCIENT AESTHETICS, PERCEPTION, AND CREATION OF BEAUTY. PALEOLITHIC AND MODERN ARTISTS' MINDS CONVERGE IN THE PROJECT "MATTER, GESTURE, SOUL"**
Lindstrom, Torill Christine (University of Bergen, Norway; Sapientia, Univ. of Bergen)
- 15:00 POSSIBILITIES OF INTERPRETATION OF THE NON-ATTRIBUTED ARTIFACTS**
Chikunova, Irina (-)
- 15:15 KHANQAH ARCHAEOLOGY**
Khalilli, Fariz (Azerbaijan State Culture and Art University)

- 15:30 ARCHAEOLOGY AND THE ARTS: THE ANCIENT OLYMPIC GAMES AS A SOURCE OF ARTISTIC INSPIRATION**
Pateraki, Kleanthi (Freelance)
- 15:45 DISCUSSION SLOT**
- 16:30 IMAGINE TO KNOW MORE – ART AS CREATIVE WAY TO REAWAKEN EGYPTOLOGICAL AND ARCHAEOLOGICAL COLLECTIONS**
Zinn, Katharina (University of Wales Trinity Saint David)
- 16:45 ARCHAEOLOGY ON THE STREET**
Ernyey, Katalin (Government Office of the Capital City Budapest, Heritage Department)
- 17:00 THORVALDSEN'S MUSES: THE REBIRTH OF THE ANCIENT FRESCO FROM VILLA ARIANNA IN STABIAE IN BERTEL THORVALDSEN'S WORK**
Petreková, Eliška (Masaryk University)
- 17:15 ART AND ARCHAEOLOGY AT THE TRAIN STATION**
Host-Madsen, Lene (Museum Skanderborg) - Dissing, Nina (Skanderborg Municipality)
- 17:30 STAFFS WITH ELK HEADS – BETWEEN ARCHAEOLOGY AND ART**
Iršenas, Marius - Butrimas, Adomas (Vilnius Academy of Arts)
- 17:45 SIGNS AND MONUMENTS**
Gheorghiu, Dragos (National University of Arts - Bucharest; ITM Macao)
- 18:00 ART, FOLK ART AND CRAFT: ARCHAEOLOGICAL PERSPECTIVES ON HISTORIC AND CONTEMPORARY MEMORIAL PRODUCTION**
Mytum, Harold (University of Liverpool)
- 18:15 DISCUSSION SLOT**

POSTERS

- A. FROM ASSYROPHOBIA TO ASSYROMANIA: THE ENTANGLEMENTS OF ART AND ARCHAEOLOGY IN THE DRAWINGS OF ENRIC MONSERDÀ (1850-1926)**
Garcia-Ventura, Agnes - Vidal, Jordi (Universitat Autònoma de Barcelona)

32 SKYSCAPE, LANDSCAPE AND ARCHAEOLOGY. STUDY OF ANCIENT BUILDINGS FROM DIFFERENT PERSPECTIVES AND DISCIPLINES TO GIVE THEM A CULTURAL MEANING

Room: Building R, room E030

Time: 8:30 - 13:00

Theme: 2. [Re]integration

Format: Regular session

Organisers: Balbi, Jose (Colchester Archaeological Group) - Iwaniszewski, Stanislaw (State Museum of Archaeology, Warsaw) - Martz de la Vega, Hans (Escuela Nacional de Antropología e Historia)



PAPERS

8:30 INTRODUCTION

8:45 FORDHAM HALL ROMAN VILLA SITE. THE 3RD CENTURY BUILDING PHASE OF A ROMAN VILLA RUSTICA AND SOME ROMAN ASTRONOMY ELEMENTS

Balbi, Jose (Colchester Archaeological Group)

9:00 TIKAL AS A MESHWORKSCAPE. THE ORIENTATIONS OF ITS ARCHITECTURE.

Martz de la Vega, Hans (National School of Anthropology and History) - Pérez Negrete, Miguel (Instituto Nacional de Antropología e Historia, México)

9:15 THE MEANING OF THE SOUTHWEST ALIGNMENTS OF FBC UNCHAMBERED LONG BARROWS AT SARNOWO, KUYAVIA, POLAND

Iwaniszewski, Stanislaw (Posgrado en Arqueología Escuela Nacional de Antropología e Historia - Instituto)

9:30 SYMBOLS, MEANING, AND SKYSCAPE IN GOLD AND STONE IN BRONZE AGE NORWEST IBERIA

González-García, Antonio César - Cabrejas, Elena (Institute of Heritage Sciences, Incipit-CSIC) - Comendador, Beatriz (University of Vigo)

9:45 CONVERGING CONCEPTUALISATIONS OF TIME IN HISTORY AND ANTHROPOLOGY AND IMPLICATIONS FOR SKYSCAPE ARCHAEOLOGY

Silva, Fabio (Bournemouth University)

10:00 THE ORIENTATION OF MINOAN PALACES AND PEAK SANCTUARIES TOWARD NAVIGATIONAL STARS

Berio, Alessandro (Cultural Astronomy, University of Wales Trinity St. David)

10:15 DISCUSSION SLOT

11:00 ARCHAEOASTRONOMY AND CONFLICT: ON THE ORIENTATION OF PRE-ISLAMIC TOMBS IN THE WESTERN SAHARA

Rodríguez-Antón, Andrea (Incipit - Institute of Heritage Sciences) - Urrutia-Aparicio, Maitane (Instituto de Astrofísica de Canarias) - Perera Betancor, María Antonia (Dirección General de Patrimonio Cultural. Gobierno de Canarias)

11:15 INTERRUPTED DITCHES FROM PIT-GRAVE BARROWS OF CENTRAL UKRAINE AS CALENDAR & RITUAL OBJECTS

Syvolap, Mykhaylo (Cherkasy City Archaeological Museum)

11:30 THE PRE-HISPANIC BALLCOURT COURTS IN THE STATE OF GUERRERO, MEXICO, AS RITUAL SCENARIOS FOR REQUESTING RAIN: THE CASE OF TEHUACALCO

Martz de la Vega, Hans (National School of Anthropology and History) - Pérez Negrete, Miguel (Instituto Nacional de Antropología e Historia, México)

11:45 DISCUSSION SLOT

12:00 ARCHAEOLOGICAL MONUMENTS OF KAZAKHSTAN AS OBJECTS OF SACRED GEOGRAPHY

Zhuniskhanov, Aidyn (Department of Archaeology, L.N. Gumilyov ENU) - Raissova, Aikumis (Department of Anthropology, Durham University)

12:15 NEOLITHIC MEGAXYLON-TYPE TOMBS IN THE CONTEXT OF LIGHT, LANDSCAPE, AND FASCINATION WITH BRILLIANCE

Gralak, Tomasz (University of Wrocław)

12:30 DISCUSSION SLOT

POSTERS

A. THE INTERACTION BETWEEN NEOLITHIC MAN AND THE SKY
de Oliveira Teixeira, Luisa (Universidade Autónoma de Lisboa)

39 PRESENTISM AND THE ARCHAEOLOGIES OF THE PRESENT: ENGAGED PRACTICES AND METHODOLOGIES

Room: Building R, room E423

Time: 8:30 - 13:00

Theme: 1. Archaeologists and Archaeology Here and Now

Format: Regular session

Organisers: Pastor Pérez, Ana (University of Barcelona; Complutense University of Madrid) - Ayán, Xurxo (Universidade Nova de Lisboa) - Hattori, Marcia - Millán Pascual, Rafael (Incipit-CSIC. Institute of Heritage Sciences)

PAPERS

- 8:30 INTRODUCTION**
- 8:45 THE SUPERMODERN CITY: ARCHAEOLOGY AND ARCHITECTURE IN THE TIME OF PRESENTISM**
Incio-del-Río, Cristina (Incipit-CSIC) - Falquina-Aparicio, Álvaro (Independent researcher)
- 9:00 CONTESTING LANDSCAPES: A STUDY ON THE SETTING OF A CONTRACT ARCHAEOLOGICAL EXCAVATION IN A STOCKHOLM SUBURB**
Nelson, Matthew (Linnaeus University)
- 9:15 CONFLICTS, ARCHAEOLOGICAL HERITAGE MANAGEMENT AND URBAN CHANGE**
Corpas, Nekbet (Independent researcher)
- 9:30 THE URBAN HERITAGE IN THE CASE OF THE "HOUSES FOR 1 EURO" PROJECT OF THE MUNICIPALITY OF TARANTO (ITALY)**
Frascella, Selene (University of Barcelona)
- 9:45 DEVELOPMENT-LED ARCHAEOLOGY AS ARCHAEOLOGY OF THE PRESENT**
Beck, Anna (Museum Southeast Denmark)
- 10:00 A BAUHAUS WASTE DEPOSIT – 20TH CENTURY WORKING-CLASS CONSUMPTION AND SYSTEM CHANGE THROUGH THE MAGNIFYING GLASS**
Rösch, Felix (University of Göttingen, Seminar für UFG)
- 10:15 DISCUSSION SLOT**
- 11:00 SCARS OF THE FILM INDUSTRY IN MADRID. THE GOLDEN CITY MOVIE SET.**
Martin, Jesus (Universiteit van Amsterdam)
- 11:15 ON THE ANACHRONISM OF THINGS: ARCHAEOLOGY AND THE NON-CONTEMPORANEITY OF THE PRESENT (THREE CASES FROM RURAL SPAIN)**
Millan-Pascual, Rafael (CSIC - Spanish National Research Council, Institute of Heritage Sciences)
- 11:30 MAGNETS ON MY FRIDGE: CONSTRUCTING SELF-IDENTITY AND SOCIAL NETWORKS THROUGH MOBILITY NARRATIVES IN DOMESTIC SPACES**
Albero Santacreu, Daniel (Universitat de les Illes Balears)
- 11:45 DISCUSSION SLOT**
- 12:00 CYCLICAL RUINS: A VIDEOPOEM ON 'SUN AND SAND' TOURISM SPACES IN THE LOW SEASON**
Arboleda, Pablo (Incipit - Institute of Heritage Sciences)

- 12:15 THE CARDBOARD HOSPITAL OF CAPDELLA: INTERDISCIPLINARY CHALLENGES FOR THE ARCHEOLOGY OF THE PRESENT**
Pastor Pérez, Ana (Institute of Archaeology of the University of Barcelona - IAUB; Norwegian Institute for Cultural Heritage Research - NIKU; Research Group of Cultural Heritage Management. Complutense University of Madrid - UCM) - Remacha Acebrón, Sigrí (University of Barcelona, Culture and Society Program - UB; National Museum of Science and Technology of Catalonia - MNACTEC)
- 12:30 AGAINST THE NORMALITY OF EVERYDAY STATE VIOLENCE: A HISTORICAL ANALYSIS FROM THE BRAZILIAN CONTEXT**
Hattori, Márcia (Institute of Heritage Sciences - Incipit)
- 12:45 DISCUSSION SLOT**

51 CONQUEST, MIGRATION AND CULTURAL CHANGE IN THE MEDIEVAL MEDITERRANEAN

Room: Building B, room 217

Time: 8:30 - 16:00

Theme: 2. [Re]integration

Format: Regular session

Organisers: Pluskowski, Aleks (University of Reading) - García-Contreras, Guillermo (University of Granada) - Alexander, Michelle (University of York) - Banerjea, Rowena (University of Reading) - Mattei, Luca (University of Granada)



PAPERS

- 8:30 INTRODUCTION**
- 8:45 DYNAMICS OF MEDIEVAL SETTLEMENT IN CENTRAL IBERIA: DISCUSSIONS BETWEEN MIGRATIONS, CULTURAL CHANGE AND ECOLOGY**
García-Contreras Ruiz, Guillermo - Mattei, Luca (Universidad de Granada) - Banerjea, Rowena Y. (University of Reading) - García-García, Marcos (Universidad de Alicante) - Hernández-Casas, Yaiza (Universidad de Granada) - Ros, Jerome (Institut des sciences de l'évolution de Montpellier) - Alexander, Michelle (University of York) - Pluskowski, Aleks G. (University of Reading)
- 9:00 CONNECTING SITE TO LANDSCAPE: EXPLORING MIDDLE MARCH BORDER CASTLES TO UNDERSTAND THE DYNAMICS OF CULTURAL AND ECOLOGICAL CHANGES**
Mattei, Luca - García-Contreras Ruiz, Guillermo (University of Granada) - García-García, Marcos (University of Alicante) - Banerjea, Rowena (University of Reading) - Hernández-Casas, Yaiza (University of

- Granada) - Ros, Jerome (CNRS, Université de Montpellier) - Alexander, Michelle (University of York) - Pluskowski, Aleks (University of Reading)
- 9:15** **GEOARCHAEOLOGICAL APPROACHES TO UNDERSTANDING THE DYNAMICS OF 'CASTLESCAPES' IN THE IBERIAN PENINSULA**
Banerjea, Rowena (University of Reading) - García- García, Marcos (University of York; University of Alicante) - Ros, Jérôme (CNRS, University of Montpellier) - Mattei, Luca - Hernández Casas, Yaiza - García-Contreras Ruiz, Guillermo (University of Granada) - Alexander, Michelle (University of York) - Pluskowski, Aleks (University of Reading)
- 9:30** **ANIMALISING CULTURAL BOUNDARIES: IDENTITY, FOODWAYS AND SUBSISTENCE IN MEDIEVAL IBERIA**
Garcia, Marcos (University of Alicante; University of York) - García-Contreras Ruiz, Guillermo - Mattei, Luca - Hernández Casas, Yaiza (University of Granada) - Banerjea, Rowena Y. (University of Reading) - Ros, Jérôme (CNRS, University of Montpellier) - Alexander, Michelle (University of York) - Pluskowski, Aleks (University of Reading)
- 9:45** **LIFE ON THE FRONTIER: EXPLORING ECONOMY AND SUBSISTENCE IN TRANSITIONAL MULTI-FAITH SOCIETIES OF MEDIEVAL SPAIN**
Alexander, Michelle (BioArCh, Department of Archaeology, University of York) - García-Collado, Maite (BioArCh, Department of Archaeology, University of York; GIPYPAC, Department of Geography, Prehistory and Archaeology, University of the Basque Country - UPV/EHU) - García-García, Marcos (BioArCh, Department of Archaeology, University of York; Instituto de investigación en Arqueología y Patrimonio Histórico, University of Alicante) - Ros, Jérôme (Institut des Sciences de l'Evolution, CNRS, Université de Montpellier) - Mattei, Luca (Department of Medieval History and Historiographic Sciences and Techniques, University of Granada) - Banerjea, Rowena (Department of Archaeology, University of Reading) - García-Contreras Ruiz, Guillermo (Department of Medieval History and Historiographic Sciences and Techniques, University of Granada) - Pluskowski, Aleks (Department of Archaeology, University of Reading)
- 10:00** **EXPLORING PLANT RESOURCES AND VEGETAL LANDSCAPES EXPLOITED IN THE FRONTIERS OF MEDIEVAL IBERIA: ARCHAEOBOTANICAL CONTRIBUTION**
Ros, Jerome (Institut des Sciences de l'Evolution, CNRS, Université de Montpellier) - Losilla, Nicolas (Department of Medieval History and Historiographic Sciences and Techniques, University of Granada) - Pastor, Thierry (Institut des Sciences de l'Evolution, CNRS, Université de Montpellier) - Mattei, Luca - García-Contreras Ruiz, Guillermo (Department of Medieval History and Historiographic Sciences and

Techniques, University of Granada) - García-García, Marcos (Instituto de investigación en Arqueología y Patrimonio Histórico, University of Alicante) - Banerjea, Rowena (Department of Archaeology, University of Reading) - Hernández-Casas, Yaiza (Department of Medieval History and Historiographic Sciences and Techniques, University of Granada) - Alexander, Michelle (BioArCh, Department of Archaeology, University of York) - Pluskowski, Aleks (Department of Archaeology, University of Reading)

- 10:15** **DISCUSSION SLOT**
- 11:00** **ARCHAOMETALLURGY ON THE MEDIEVAL IBERIAN FRONTIER: THE USE AND EXPLOITATION OF METAL IN A FEUDAL CONTEXT**
Hernández-Casas, Yaiza - García-Contreras Ruiz, Guillermo - Murrillo-Barroso, Mercedes (University of Granada) - García-García, Marcos (University of Alicante) - Banerjea, Rowena Y. (University of Reading) - Ros, Jérôme (CNRS, Université de Montpellier) - Mattei, Luca (University of Granada) - Brown, Alex D. (Wessex Archaeology) - Alexander, Michelle (University of York) - Pluskowski, Aleks G. (University of Reading)
- 11:15** **SOCIAL, CULTURAL AND TERRITORIAL CHANGES IN THE EASTERN PYRENEES BETWEEN 9TH-14TH C. CE : WHAT ROLE FOR CLIMATE CHANGE ?**
Carozza, Jean-Michel (La Rochelle University) - Puig, Carole (FRAME-SPA, UMR 5136, Toulouse)
- 11:30** **THROUGH THE GLASS. CONQUEST, MIGRATION AND CULTURAL CHANGE IN MEDIEVAL SPAIN AND PORTUGAL**
De Juan, Jorge (UNIARQ, Centre of Archaeology of the University of Lisbon; Department of Prehistory, Ancient History and Archaeology, Universidad Complutense de Madrid)
- 11:45** **WHAT ABOUT THE FOOD? MIGRATION AND AGRICULTURE IN AL-ANDALUS HISTORICAL TRADITIONS**
Grisales, Daniel (Universidad de Antioquia)
- 12:00** **LIFEWAYS AND MOBILITY OF THE CHRISTIAN CONQUERORS OF PALMELA: A 12TH-13TH CENTURY POPULATION IN PORTUGAL**
MacRoberts, Rebecca (HERCULES laboratory- University of Evora) - Santos, Michele (Museu Municipal de Palmela) - Fernandes, Isabel (Museu Municipal de Palmela; IEM-NOVA FCSH; School of Social Sciences- CIDEHUS, University of Évora) - Dias, Cristina (HERCULES laboratory- University of Evora; School of Technology Sciences, Department of Chemistry, University of Évora) - Vilar, Herminia (School of Social Sciences- CIDEHUS, University of Évora) - Maurer, Anne-France (HERCULES laboratory- University of Evora)

- 12:15 AFTER THE CONQUEST. THE BUILDING OF CASTLE NETWORK AND LANDSCAPE IN THE ALPUJARRA (SOUTHEAST SPAIN)**
Rouco Collazo, Jorge (Universidad de Granada)
- 12:30 ARCHAEOLOGY OF CHANGE AND CONTINUITY: TRANSFORMATIONS IN PRODUCTIVE SPACES IN THE SOUTH-EAST PENINSULAR AFTER THE FEUDAL CONQUEST (13TH CENTURY)**
Molina-Campuzano, María Isabel - Eiroa-Rodríguez, Jorge Alejandro (University of Murcia) - González-Ballesteros, José Ángel (Archaeologist)
- 12:45 DISCUSSION SLOT**
- 14:00 ENCOUNTER, SUBSTITUTION, REPLACEMENT, AND TRANSFORMATION AT THE SITE OF TORRE D'EN GALMÉS, MENORCA, SPAIN**
Perez-Juez, Amalia (Boston University) - Smith, Alexander (SUNY Brockport) - Goldberg, Paul (Boston University; INA, University of Tübingen) - Forste, Kathleen (Boston University) - Wagner, Emma (North Carolina State University)
- 14:15 CULTURAL CHANGES IN CENTRAL SICILY IN THE MEDIEVAL AGE**
Patti, Daniela (University of Enna)
- 14:30 FROM ISLAMIC SETTLEMENT TO NORMAN HOSPITAL: ARCHAEOLOGICAL RESEARCH IN SAN GIOVANNI DEI LEBBROSI (PALERMO, SICILY, ITALY)**
Castrorao Barba, Angelo (The Polish Academy of Sciences, Institute of Archaeology and Ethnology, Centre for Late Antique and Early Medieval Studies) - Utrero Agudo, María de los Ángeles (CSIC, Española de Historia y Arqueología en Roma) - Battaglia, Giuseppina (Soprintendenza BB.CC.AA. of Palermo) - Mandalà, Giuseppe (University of Milan) - Murillo Fragero, Jose Ignacio (Urbe pro Orbe) - Aleo Nero, Carla (Soprintendenza BB.CC.AA. of Palermo) - Miccichè, Roberto - Canale, Alessandra (University of Palermo)
- 14:45 STEĆCI AND CULTURAL CHANGES IN THE LATE MEDIEVAL WESTERN BALKANS**
Caval, Saša (Scientific-research center of the SAZU)
- 15:00 THE LORDSHIP OF TRANSJORDAN: A FRONTIER OF THE CRUSADER LEVANT?**
Sinibaldi, Micaela (Cardiff University)
- 15:15 ENVIRONMENTAL ARCHAEOLOGIES OF CULTURAL CHANGE IN THE MEDIEVAL MEDITERRANEAN**
Pluskowski, Aleks (University of Reading) - García-Contreras Ruiz, Guillermo (University of Granada) - Alexander, Michelle (University of York) - Banerjea, Rowena (University of Reading) - Mattei, Luca (University

of Granada) - García Garcá, Marcos (University of Alicante) - Ros, Jérôme (CNRS) - Hernández-Casas, Yaiza (University of Granada)

15:30 DISCUSSION SLOT

POSTERS

- A. INTERDISCIPLINARY APPROACHES ON THE RURAL SETTLEMENT OF CONTRADA CASTRO (CORLEONE, SICILY, ITALY) DURING THE EARLY MIDDLE AGES**
Castrorao Barba, Angelo (The Polish Academy of Sciences, Institute of Archaeology and Ethnology, Centre for Late Antique and Early Medieval Studies) - Miccichè, Roberto (University of Palermo) - Pisciotta, Filippo (Aix-Marseille Université / University of Palermo) - Aleo Nero, Carla (Soprintendenza BB.CC.AA. of Palermo) - Speciale, Claudia (University of Gothenburg) - Montana, Giuseppe - Gasparo Morticelli, Maurizio (University of Palermo) - Marino, Pasquale (Bona Furtuna LLC) - Bazan, Giuseppe (University of Palermo)

85 UNDERSTANDING NEANDERTHAL SYMBOLIC AND CULTURAL BEHAVIOUR AND THEIR COGNITIVE UNDERPINNINGS. WHERE DO WE STAND?



- Room:** Building A, room 329
Time: 16:30 - 18:30
Theme: 6. A Decade after the 'Third Science Revolution in Archaeology'
Format: Round table
Organisers: Leder, Dirk (Niedersächsisches Landesamt für Denkmalpflege) - Majkić, Ana (Department of Archaeology, University of Belgrade)

In the last decade evidence of sophisticated symbolic and cultural behaviour among Neanderthals has accumulated substantially across Eurasia. This is exemplified by Neanderthal's usage of birds of prey feathers, talons, and phalanges at a number of European Mediterranean sites, by engraved rocks, lithics, and bone objects from a variety of places, the usage of spaces deep inside caves and colorants, by human burials, and potentially by cave paintings in Iberia, among further examples.

The very notion of sophisticated symbolic and cultural behaviour in Neanderthals pivotally bears implications in regard to human evolution and the cognitive abilities of one of our genetically closest relatives. Is Homo sapiens as special as we like to believe, or have there been other human species that – under yet unknown circumstances – disappeared in the past, but had strikingly similar abilities? What are the cognitive underpinnings of these recent discoveries and recognitions? Do

we need more research on human cognitive evolution, neurosciences and past brain development connected to these particular questions?

The archaeological discoveries of objects with symbolically mediated behaviour lay the foundations for new possibilities to reconsider the very nature of Neanderthals – first regarded as primitives, later seen as capable of adapting to a variety of environments and climate changes, and now possibly as self-aware human beings that were able to communicate in abstract ways, displayed care for their deceased, and commanded imaginative means similar to us. Were these complex behaviours independent 'inventions' or the result of acculturation? Do we suffer from a historical legacy of seeing Neanderthals as 'the others'?

Where do we stand today, and which direction does future research need to take in order to investigate such complex issues that ultimately aim to address one of the most essential questions humankind might have – what makes us human?

86 PREHISTORIC WARRIORHOOD IN TRANSITION

Room: Gólyavár, Pázmány Péter room

Time: 8:30 - 15:30

Theme: 2. [Re]integration

Format: Regular session

Organisers: Dolfini, Andrea (Newcastle University) - Frieman, Catherine (Australian National University) - Harrison, Eleanor (Newcastle University) - Molloy, Barry (University College Dublin)

PAPERS

8:30 INTRODUCTION

8:45 FROM HUNTERS TO WARRIORS? QUESTIONING IMPLICIT MASCULINITIES FROM GRAVE GOODS FROM THE 6TH AND 5TH MILLENNIUM CAL BC, CENTRAL EUROPE

Bickle, Penny (University of York)

9:00 LATE NEOLITHIC WARRIOR SYMBOLISM IN CENTRAL EUROPE

Schultrich, Sebastian (Institut fuer Ur- und Fruehgeschichte Kiel)

9:15 NEOLITHIC WARRIORHOOD?: INTERPRETING LATER NEOLITHIC INDIVIDUAL BURIAL IN BRITAIN AND IRELAND

Harrison, Eleanor (Newcastle University)

9:30 RETHINKING WARRIOR GRAVES: NEW PERSPECTIVES FROM COPPER AGE ITALY

Dolfini, Andrea (Newcastle University)

9:45 SODALITIES, SEXUALITIES, OR PERHAPS BOTH? RETHINKING LATE PREHISTORIC SAME-SEX DOUBLE-GRAVES

Walsh, Matthew - Reiter, Samantha (National Museum of Denmark) - Frieman, Catherine (Australian National University) - Kaul, Flemming - Frei, Karin (National Museum of Denmark)

10:00 SHARED WARRIOR PRESTIGE: BEAKER MEN, WOMEN, CHILDREN AND THEIR WEAPONS

Turek, Jan (Center for Theoretical Study, Charles University, Prague)

10:15 DISCUSSION SLOT

11:00 ARGARIC WEAPONS: MARKERS OF VIOLENCE OR MARKERS OF NETWORKS?

Lackinger, Aaron - Ibarz-Navarro, Sergio - Murillo-Barroso, Mercedes (Departamento de Prehistoria y Arqueología- Universidad de Granada) - Montero-Ruiz, Ignacio (Instituto de Historia- CSIC)

11:15 THE THINGS THEY CARRIED

Baca, Martin (Department of Archaeology, Comenius University in Bratislava) - Havlíková, Markéta (Department of Archaeology and Museology, Masaryk University in Brno)

11:30 RE-EXAMINING MOBILITY IN LATER EUROPEAN PREHISTORY: THE ULTIMATE GIFT THEOREM AND GENDERED MOBILITY PATTERNS VIS À VIS NEW MOBILITY DATA

Reiter, Samantha - Frei, Karin (National Museum of Denmark)

11:45 IDEOLOGY AND IDENTITY. DEPICTIONS OF WEAPONRY ON POMERANIAN FACE-URNS

Dziechciarz, Pawel (Uniwersytet Warszawski)

12:00 MILITARY CONFLICTS AT THE END OF 3D AND EARLY 2ND MILLENNIUM BC IN THE EASTERN EUROPEAN STEPPE – FOREST-STEPPE

Zagorodnia, Olga (Independent researcher) - Mimokhod, Roman (-)

12:15 MATERIAL EVIDENCE OF VIOLENT ARMED CONFLICTS IN BRONZE AGE LOWER MUREŞ VALLEY

Gogaltan, Florin (Institutul de Arheologie si Istoria Artei Cluj Napoca; Universitatea Babes-Bolyai Cluj Napoca) - Sava, Victor (Complexul Muzeal Arad)

12:30 DISCUSSION SLOT

14:00 NO COUNTRY FOR ARMED DEAD. MARTIAL PRACTICES AND IDEALS IN ABSENCE OF WARRIOR GRAVES

Gentile, Valerio (Leiden University)

14:15 FORTIFICATIONS, SWORDS AND WARRIORS – WEAPON DEPOSITION RITUAL, HOARDS AND WEAPON/METAL TABOO IN GRAVES IN LATE BRONZE AGE EASTERN CROATIA

Kalafatic, Hrvoje (Institute of Archaeology, Zagreb) - Šošić Klindžić, Rajna (University of Zagreb) - Šiljeg, Bartul (Institute of Archaeology, Zagreb)

14:30 BEYOND BURIALS WITH WEAPONS: WHERE IS THE "RICHNESS" GONE?

Tarbay, János Gábor (Hungarian National Museum)

14:45 DISCUSSION SLOT

POSTERS

A. AMBER MAN – AN UNPRECEDENTED LATE NEOLITHIC BURIAL AMONG HUNTER-GATHERERS IN NORTH-EASTERN POLAND

Klecha, Aleksandra (Antiquity of Southeastern Europe Research Center, Faculty of Archaeology, University of Warsaw) - Manasterski, Dariusz (Faculty of Archaeology, University of Warsaw) - Borówka, Paulina (Faculty of Biology and Environmental Protection, University of Łódź)

98 HUNTER-GATHERER'S SOCIETIES IN THE SOUTHWESTERN EUROPE BETWEEN 18,500-10,000 CAL. BP

Room: Main building, room 252

Time: 8:30 - 15:30

Theme: 5. Climate Change and Socioenvironmental Perspectives

Format: Regular session

Organisers: Vadillo Conesa, Margarita - Real, Cristina (Departament de Prehistòria, Arqueologia i Història Antiga. Universitat de València) - Ricci, Giulia (Laboratoire Méditerranéen de Préhistoire, Europe, Afrique - LAMPEA –UMR 7269 Aix-Marseille Université, CNRS, Ministère de la Culture)



PAPERS

8:30 INTRODUCTION

8:45 THE TAIHA PROJECT "THE LATEGLACIAL IN ATLANTIC ARC: INTERACTIONS BETWEEN HUMAN AND NON-HUMAN COMMUNITIES DURING THE TRANSITION PLEISTOCENE-HOLOCENE"

Mathieu, Langlais (CNRS) - Nicolas, Naudinot (Univ Nice)

9:00 GLOBALISATION OF BACK RETOUCH TECHNIQUES? COMPARING THE LATE EPIGRAVETIAN OF NORTHERN ITALY TO THE LATE GLACIAL SEQUENCE OF SOUTH-WESTERN FRANCE

Fasser, Nicolò (Università degli Studi di Ferrara, Dipartimento di Studi Umanistici - Sezione di Scienze Preistoriche e Antropologiche; TRACES, UMR 5608, Université Toulouse Jean Jaurès) - Visentin, Davide (Università degli Studi di Ferrara, Dipartimento di Studi Umanistici - Sezione di Scienze Preistoriche e Antropologiche; Archaeology of Social Dynamics Group, Institución Milá y Fontanals, Consejo Superior de Investigaciones Científicas - IMF-CSIC) - Langlais, Mathieu (PACEA, UMR 5199, Université de Bordeaux) - Valdeyron, Nicolas (TRACES, UMR 5608, Université Toulouse Jean Jaurès) - Fontana, Federica (Università degli Studi di Ferrara, Dipartimento di Studi Umanistici - Sezione di Scienze Preistoriche e Antropologiche)

9:15 THE LIGURO-PROVENÇAL ARC BETWEEN TERMINAL PLEISTOCENE AND EARLY HOLOCENE. INNOVATIONS, PERSISTENT BEHAVIOURS AND TECHNO-ECONOMIC CHANGES AMONG LATE EPIGRAVETIAN-MESOLITHIC GROUPS

Ricci, Giulia (LAMPEA–UMR 7269, Aix-Marseille Université, CNRS) - Negrino, Fabio (Dipartimento di Antichità, Filosofia, Storia - DAFIST, Università di Genova)

9:30 AN INTEGRATED ANALYSIS OF THE LATE UPPER PALAEOOLITHIC LAYERS 4009-4011 FROM THE ROMANELLI CAVE (SOUTHERN ITALY)

Sigari, Dario (CNRS - UMR 5608 TRACES, Toulouse; CNR-ISPC - Area della Ricerca di Roma 1, Montelibretti, RM) - Mazzini, Ilaria (CNR-IG-AG, Area della Ricerca di Roma 1, Montelibretti, RM) - Bona, Fabio (Dipartimento di Scienze della Terra "Ardito Desio", Università degli Studi di Milano) - Forti, Luca (Dipartimento di Scienze della Terra "Ardito Desio", Università degli Studi di Milano; IGG-CNR) - Lembo, Giuseppe (Associazione Culturale Archeoldea, Campobasso) - Mecozzi, Beniamino (Dipartimento Scienze della Terra, Sapienza Università di Roma; Laboratorio PaleoFactory, Dipartimento Scienze della Terra, Sapienza Università di Roma) - Muttillio, Brunella (Dipartimento di Studi Umanistici, Sezione Scienze Preistoriche e Antropologiche, Università degli Studi di Ferrara) - Ranaldo, Filomena (Museo della Preistoria di Nardò; Dipartimento di Scienze Fisiche, della Terra e dell'Ambiente, U.R. Preistoria e Antropologia, Università degli Studi di Siena) - Sadori, Laura (Dipartimento di Biologia Ambientale, Sapienza Università di Roma) - Sardella, Raffaele (Dipartimento Scienze della Terra, Sapienza Università di Roma)

- 9:45 ENVIRONMENTAL SHIFTS AND TECHNICAL TRADITION CHANGES DURING THE PLEISTOCENE/HOLOCENE TRANSITION IN SOUTHERN ITALY. NEW DATA FROM THE GROTTA DELLA SERRATURA**
Poggiali, Federico (University of Liverpool) - Ricci, Giulia (LAMPEA – UMR 7269. Aix-Marseille Université, CNRS)
- 10:00 DISCUSSION SLOT**
- 11:00 THE MAGDALENIAN SETTLEMENT OF PORTUGUESE ESTREMADURA: NEW DATA FROM LAPA DO PICAREIRO**
Haws, Jonathan (University of Louisville; ICArEHB, University of Algarve) - Benedetti, Michael (University of North Carolina Wilmington; ICArEHB, University of Algarve) - Bicho, Nuno (ICArEHB, University of Algarve) - Carvalho, Milena (University of New Mexico; ICArEHB, University of Algarve) - Friedl, Lukas (University of West Bohemia; ICArEHB, University of Algarve) - Ellis, M. (Colorado State University; ICArEHB, University of Algarve) - Pereira, Telmo (Universidade Autónoma de Lisboa, Portugal; Instituto Politécnico de Tomar; Centro de Geociências da Universidade de Coimbra; UNIARQ, Centro de Arqueologia da Universidade de Lisboa) - Cascalheira, João (ICArEHB, University of Algarve)
- 11:15 TITO BUSTILLO REVISITED: NEW RESEARCH ABOUT HUNTER-GATHERER'S SOCIETIES IN THE SELLA VALLEY (ASTURIAS, NORTHERN SPAIN) DURING THE MAGDALENIAN**
Alvarez-Fernández, Esteban (University of Salamanca) - Cueto, Marián (Universitat Autònoma Barcelona) - Tapia, Jesús (Sociedad de Ciencias Aranzadi) - Cerezo-Fernández, Rosana (Universidad de Salamanca) - Wanderley, Rafael (IIIIPC-Universidad de Cantabria)
- 11:30 THE ANTLER AS A CORE: NEW PERSPECTIVES ON THE CHAÎNE OPÉRATOIRE OF BONE INDUSTRY**
Tapia, Jesus (Aranzadi Science Society) - Álvarez-Fernández, Esteban - Cerezo-Fernández, Rosana (University of Salamanca) - Cueto, Marián (Autonomous University of Barcelona)
- 11:45 REACHING HIGH: A MOUNTAIN HUNTING CAMP OF THE LATE UPPER PALEOLITHIC IN SAN ADRIAN, NORTHERN IBERIA**
Tapia, Jesus - Castaños, Pedro (Aranzadi Science Society)
- 12:00 LITHIC PRODUCTIONS AND TECHNO-ECONOMIC BEHAVIOR IN THE PRE-PYRENEAN MAGDALENIAN SITE OF CUEVA DE CHAVES (BASTARÁS, SPAIN)**
Jiménez Ruiz, Luis (Primeros Pobladores y Patrimonio Arqueológico-IPH. Universidad de Zaragoza) - Sánchez de la Torre, Marta (SERP-IAUB. Universitat de Barcelona) - Domingo, Rafael - Utrilla, Pilar

(Primeros Pobladores y Patrimonio Arqueológico-IPH. Universidad de Zaragoza)

- 12:15 LATE GLACIAL TECHNOLOGICAL EVOLUTION IN NE IBERIA: INSIGHTS FROM COVA DE LES BORRES AND COVA GRAN DE MONTSERRAT SEQUENCES**
Rabuñal, José Ramón (Instituto Universitario de Investigación en Arqueología y Patrimonio Histórico - INAPH, Universidad de Alicante; Department of Archaeology and Heritage Studies, Aarhus University Moesgård) - Morales, Juan Ignacio (Institut Català de Paleoecologia Humana i Evolució Social - IPHES-CERCA; Àrea de Prehistòria, Universitat Rovira i Virgili - URV) - Soto, María (Madrid Institute for Advanced Study. MIAS. Casa Velázquez; Departamento de Prehistoria y Arqueología. Facultad de Filosofía y Letras. Universidad Autónoma de Madrid) - Cebrià, Artur (SERP, Departament d'Història i Arqueologia, Secció de Prehistòria, Universitat de Barcelona) - Hernando, Raquel (Àrea de Prehistòria, Universitat Rovira i Virgili - URV; Institut Català de Paleoecologia Humana i Evolució Social - IPHES-CERCA) - Marsal, Roser (Institut de Recerca de l'Aigua - IdRA, Universidad de Barcelona; Department of Archaeology and Ancient History, Uppsala University) - Soares-Remiseiro, Miguel (Institut Català de Paleoecologia Humana i Evolució Social - IPHES-CERCA; Àrea de Prehistòria, Universitat Rovira i Virgili - URV) - Riede, Felix (Department of Archaeology and Heritage Studies, Aarhus University Moesgård) - Vallverdú, Josep (Institut Català de Paleoecologia Humana i Evolució Social - IPHES-CERCA; Àrea de Prehistòria, Universitat Rovira i Virgili - URV)
- 12:30 DISCUSSION SLOT**
- 14:00 MULTI-ISOTOPE STUDY ON UNGULATES FROM COVA DE LES CENDRES (ALACANT, SPAIN): PALEOENVIRONMENT AND HUNTING STRATEGY RECONSTRUCTIONS THROUGHOUT THE UPPER PALEOLITHIC**
Salazar García, Domingo Carlos (Departament de Prehistòria, Arqueologia i Història Antiga, Universitat de València; Grupo de Investigación en Prehistoria IT-1223-19 - UPV-EHU/IKERBASQUE-Basque Foundation for Science; Department of Geological Sciences, University of Cape Town) - Tornero, Carlos (Departament de Prehistòria, Universitat Autònoma de Barcelona - UAB, Edifici B Facultat de Filosofia i Lletres; Institut Català de Paleoecologia Humana i Evolució Social - IPHES-CERCA) - Real, Cristina (Departament de Prehistòria, Arqueologia i Història Antiga, Universitat de València; Laboratory of Osteoarchaeology and Paleoanthropology, Department of Cultural Heritage, University of Bologna) - Villaverde, Valentín (Departament de Prehistòria, Arqueologia i Història Antiga, Universitat de València)

14:15 THE SAUVETERRIAN OCCUPATIONS OF COVETA DE LA FOIA (VILAFRANCA, VALENCIAN COUNTRY) AND THE END OF PALAEO-LITHIC CULTURES IN MEDITERRANEAN IBERIA

Roman, Didac (Universitat Jaume I) - Domingo, Inés (ICREA; Universitat de Barcelona) - Fullola-Isern, Joan - Alcàntara, Roger (Universitat Jaume I)

14:30 REVIEW OF THE TECHNO-ECONOMIC TRENDS FROM THE CENTRAL IBERIAN MEDITERRANEAN AREA DURING THE TARDIGLACIAL AND EARLY POSTGLACIAL

Real, Cristina (Departamento de Prehistoria, Arqueología e Historia Antigua. Universidad de Valencia; Laboratory of Osteoarchaeology and Paleoanthropology. Department of Cultural Heritage. University of Bologna) - Vadillo Conesa, Margarita - Aura, J. Emili - Villaverde, Valentín (Departamento de Prehistoria, Arqueología e Historia Antigua. Universidad de Valencia.) - Morales, J. Vicente (Departamento de didáctica de las ciencias experimentales y sociales. Universidad de Valencia) - Román, Dídac (Departamento de Historia, Geografía y Arte. Universidad Jaume I)

14:45 DISCUSSION SLOT

POSTERS

A. RECONSTRUCTING REINDEER (RANGIFER TARANDUS) MOBILITY PATTERNS THROUGH 3D GMM ANALYSIS OF THEIR PHALANGES

Galán López, Ana Belén (CNRS TRACES UMR 5608 - Université Toulouse Jean Jaurès) - Pelletier, Maxime (Archaeology, History, Culture and Communication Studies, Faculty of Humanities, University of Oulu) - Discamps, Emmanuel (CNRS TRACES UMR 5608 - Université Toulouse Jean Jaurès)

108 THE TIMES ARE A CHANGING - SOCIO-CULTURAL AND ECOLOGICAL CHANGE DURING THE ATLANTIC BIOZONE AND THEIR IMPACT ON HUMAN LIFE

Room: Building A, room 336

Time: 16:30 - 18:30

Theme: 5. Climate Change and Socioenvironmental Perspectives

Format: Regular session

Organisers: Posch, Caroline (Natural History Museum Vienna) - Groß, Daniel (Museum Lolland-Falster)



Palaeolithic and Mesolithic

PAPERS

16:30 FROM TRAVELLING LONG DISTANCES TO BUILDING STRONGER FISH FENCES. CHANGES IN COMMUNICATION THE WESTERN BALTIC AREA
Groß, Daniel - Söderlind, Sandra (Museum Lolland-Falster)

16:45 (IN)VISIBLE INTERACTIONS BETWEEN HUMANS AND WILD BOAR DURING THE MESOLITHIC-NEOLITHIC TRANSITION
Brusgaard, Nathalie (University of Groningen)

17:00 TRADITION OBLIGATES. OCCUPATION, ADAPTIVE PROCESSES AND THE PERSISTENCE OF HUNTER-GATHERER COMMUNITIES IN THE NORTHERN ALPS DURING THE ATLANTIC BIOZONE
Posch, Caroline (Department of Archaeologies, University of Innsbruck; Naturhistorisches Museum Wien)

17:15 POPULATION AND NUTRITION IN ATLANTIC SOUTHERN BAVARIA AND NORTHERN TYROL
Pechtl, Joachim (Institute of Archaeology University of Innsbruck)

17:30 TESTING HYPOTHESES OF SOCIO-ENVIRONMENTAL CONNECTIVITY IN FOSTERING DEMOGRAPHIC DYNAMICS ACROSS LATE NEOLITHIC AND BRONZE AGE EUROPE
Großmann, Ralph (Kiel University; Cluster of Excellence ROOTS)

17:45 DISCUSSION SLOT

130 NEW INTERACTIONS AND RELATIONS WITH HERITAGE. DIFFERENT APPROACHES BETWEEN HERITAGE AND STAKEHOLDERS

Room: Building R, room E021

Time: 14:00 - 18:30

Theme: 1. Archaeologists and Archaeology Here and Now

Format: Discussion session

Organisers: Loy, Aida (Leiden University) - Martínez Espinosa, Isaac (Universidad de La Rioja) - Larrauri Redondo, Sergio (Instituto de Estudios Riojanos)

PAPERS

14:00 INTRODUCTION

14:15 UIST UNEARTHED: COPRODUCING AN AUGMENTED REALITY APP
Gal, Emily - Rennell, Rebecca (University of the Highlands and Islands)

- 14:30 3D TECHNOLOGIES, CULTURAL HERITAGE AND PUBLIC OUTREACH: SHARING EXPERIENCES FROM THE MAYA AREA**
Horcajada Campos, Patricia (Departamento de Historia de América y Medieval y Ciencias Historiográficas- Universidad Complutense de Madrid) - Vidal Lorenzo, Cristina (Departamento de Historia del Arte-Universidad de Valencia)
- 14:45 DISCUSSION SLOT**
- 15:00 ARCHAEOLOGY IN SWISS SCHOOLS. A WEBSITE ON ARCHAEOLOGICAL TOPIC AS DIGITAL TEACHING TOOL**
Marti, Cynthia (University of Bern)
- 15:15 A NEW MODEL OF ARCHAEOLOGICAL AND HERITAGE DISCLOSURE FOR SCHOOLCHILDREN**
Espinosa, Isaac (Universidad Autónoma de Madrid & Instituto de Estudios Riojanos)
- 15:30 THE MONASTERY WHERE THE SPANISH LANGUAGE WAS BORN: EXCAVATIONS, RESTORATIONS AND DIDACTIC USES IN SAN MILLÁN DE SUSO**
Jiménez Hernández, Enrique (University of La Rioja)
- 15:45 DISCUSSION SLOT**
- 16:30 HERITAGE DIVULGATION AT THREE LEVELS. AN EXPERIENCE FROM A SMALL REGION (LA RIOJA)**
Larrauri Redondo, Sergio (Instituto de Estudios Riojanos)
- 16:45 HERITAGE AT YOURS FINGERTIPS - INNOVATIVE METHODS FOR DISSEMINATION OF ARCHAEOLOGICAL HERITAGE**
Byszewska-Lasinska, Agata (National Institute of Cultural Heritage)
- 17:00 THE REGIONAL PRESS AS DOCUMENTARY HERITAGE: THE CONSTRUCTION OF THE AUTONOMOUS COMMUNITY OF LA RIOJA THROUGH NUEVA RIOJA**
Galilea, Diego (Instituto de Estudios Riojanos)
- 17:15 SOCIAL MEDIA TO APPROACH THE HERITAGE. THE CASE OF AN ONLINE JOURNAL**
Loy, Aida (Independent Researcher)
- 17:30 DISCUSSION SLOT**

POSTERS

- A. THE ARCHAEOTRAIL APP – OPENING A WINDOW INTO THE PAST**
Loges, Luise (University of Glasgow) - Döpfer, Stephanie - Ludwig, Matthias - Gurjanow, Iwan - Oehler, Deng-Xin Ken (Goethe University Frankfurt)

153 APPS AND ARCHAEOLOGY. USE OF APPS AS ARCHAEOLOGICAL TOOLS

- Room:** Building R, room E414
Time: 8:30 - 12:30
Theme: 1. Archaeologists and Archaeology Here and Now
Format: Regular session
Organisers: Espinosa, Isaac (Universidad de la Rioja) - Madrid, Aida (Leiden University) - Larrauri Redondo, Sergio (Instituto de Estudios Riojanos)

PAPERS

- 8:30 INTRODUCTION**
- 8:45 AN APP USING ARTIFICIAL INTELLIGENCE IN CERAMIC IDENTIFICATION**
Santos, Joel (NOVA University of Lisbon) - Nunes, Diogo (Technical University of Lisbon, Instituto Superior Técnico)
- 9:00 VISITING ARCHAEOLOGICAL SITES FROM OUR PHONES**
Loy, Aida (Independent Researcher)
- 9:15 DISCUSSION SLOT**
- 9:30 INNOVATIVE TECHNOLOGIES FOR THE USE OF MUSEUMS: THE CASE OF THE CIVIC ARCHAEOLOGICAL MUSEUM A C SIMONINI, CASTELFRANCO EMILIA (MO)**
Neri, Diana (Museo Civico Archeologico A C Simonini; Soprintendenza Archeologia Emilia Romagna; Diorama snc)
- 9:45 WHAT'S UP, INTRASIS?**
Westergaard, Bengt (The Archaeologists, National Historical Museums)
- 10:00 DEPOPULATION AND HERITAGE LOSS: GIS AND APPS AS HERITAGE DOCUMENTATION TOOLS**
Larrauri Redondo, Sergio (Instituto de Estudios Riojanos)
- 10:15 DISCUSSION SLOT**

11:00 CO-CREATING KNOWLEDGE WITH THE INHABITANTS ULLDEMOLINS VILLAGE (SPAIN), DEVELOPING AND IMPLEMENTING A COLLABORATIVE SURVEYING WEBAPP

Carracedo Recasens, Robert (Universitat Autònoma de Barcelona; Universidad Austral de Chile Sede Puerto Montt) - Berrocal Barberà, Anna (Universitat Autònoma de Barcelona) - Palomo Pérez, Antoni (Museu d'Arqueologia de Catalunya) - Terradas, Xavier (Consell Superior d'Investigacions Científiques - IMF, Barcelona) - Piqué Huerta, Raquel (Universitat Autònoma de Barcelona)

11:15 EVERYDAY APPS AND THEIR APPLICATIONS IN ARCHEOLOGY

Espinosa, Isaac (Universidad Autónoma de Madrid & Instituto de Estudios Riojanos)

11:30 DISCUSSION SLOT

POSTERS

A. ÊTRE À LA TEMPS! THE USE OF MOBILE APPLICATIONS DURING FIELD SURVEYS IN YAMBOL DISTRICT, BULGARIA

Valchev, Todor (Regional historical museum)

154 TOWARDS AN ARCHAEOLOGY OF HOUSEHOLD PRACTICES – CURRENT ARCHAEOLOGICAL AND SCIENTIFIC CONTRIBUTIONS

Room: Building B, room 172

Time: 8:30 - 13:00

Theme: 6. A Decade after the 'Third Science Revolution in Archaeology'

Format: Regular session

Organisers: Kienlin, Tobias (Institut für Ur- und Frühgeschichte, Universität zu Köln) - Fischl, Klára (University of Miskolc) - Kovács, Gabriella (Hungarian National Museum, Budapest) - Röpke, Astrid (Institut für Ur- und Frühgeschichte, Universität zu Köln) - Pető, Ákos (Szent István University)

PAPERS

8:30 INTRODUCTION

8:45 KINSHIP AT ÇATALHÖYÜK

Ensor, Bradley (Eastern Michigan University) - Souvatzi, Stella (University of Thessaly)

9:00 EXPLORING THE MATERIALITY OF HOUSEHOLD AND COOKING PRACTICES AT THE NEOLITHIC SITE KLEITOS 1, GREECE. EVIDENCE FROM ORGANIC-RESIDUE ANALYSIS

Kalogiropoulou, Evanthia (University of Crete) - Roumpou, Maria (University of Crete) - Ziota, Christina (Ephorate of Antiquities of Florina)

9:15 DOMESTIC PRACTICES AT LEPENSKI VIR: LOCAL DEVELOPMENTS OR OUTSIDE INTRODUCTIONS?

Brami, Maxime (Johannes Gutenberg University Mainz)

9:30 HIGHLIGHTING ECONOMIC AND SOCIAL INTERACTIONS WITHIN LINEARBANDKERAMIK HOUSEHOLDS: THE HOMES PROJECT

Hamon, Caroline (CNRS - UMR 8215 Trajectoires) - Allard, Pierre (CNRS - UMR 8068 TEMPS) - Aubry, Laurent (CNRS - UMR 8215 Trajectoires) - Cayol, Nicolas (INRAP - UMR 8215 Trajectoires) - Couderc, Florian (CNRS - UMR 8215 Trajectoires) - Denis, Solene (Mazaryk University; UMR 8068 TEMPS) - Gabriele, Marzia - Gomart, Louise (CNRS - UMR 8215 Trajectoires) - Hachem, Lamys (Inrap - CNRS - UMR 8215 Trajectoires) - Ilett, Michael (Paris 1 Pantheon Sorbonne University)

9:45 PLEASE TAKE OFF YOUR SHOES BEFORE COMING IN. GEOCHEMISTRY AND SEEING INVISIBLE HOUSEHOLD SPACES

Kovacik, Joseph (Eveha études archéologiques; Terrascope Thin Section Slides) - Save, Sabrina (Amélie études archéologiques; Terrascope Thin Section Slides)

10:00 JUST RUBBISH! SPATIAL DISTRIBUTION PATTERNS OF EVERYDAY MEAT PROCESSING DURING THE LATE COPPER AGE CARPATHIAN BASIN

Csippán, Péter (Eötvös Loránd University) - Daróczi-Szabó, Márta (Budapest History Museum) - Klinga, Flóra (Eötvös Loránd University) - Fábrián, Szilvia (Hungarian National Museum)

10:15 DISCUSSION SLOT

11:00 A MICROSCALE APPROACH TO HOUSEHOLD ARCHAEOLOGY: SOIL MICROMORPHOLOGY AND PHYTOLITH ANALYSIS

Kovács, Gabriella (Hungarian National Museum) - Pető, Ákos (Hungarian University of Agriculture and Life Sciences, Institute for Wildlife Management and Nature Conservation, Department of Nature Conservation and Landscape Management) - Vicze, Magdolna (Hungarian National Museum)

11:15 HOUSEHOLD ACTIVITIES AS SEEN BY FLOORS – A COMPARISON OF TWO BRONZE AGE TELL SITES IN HUNGARY

Röpke, Astrid (Ur- und Frühgeschichte, Universität zu Köln) - Kovács, Gabriella (Hungarian National Museum, Budapest) - Fischl, Klára (Uni-

versity of Miskolc) - Pető, Ákos (Szent István University) - Kienlin, Tobias (Ur- und Frühgeschichte, Universität zu Köln)

- 11:30 HOUSE LAYOUTS AS MEANS OF UNDERSTANDING HOUSEHOLD ACTIVITIES**
Lie, Marian (Iasi Institute of Archaeology; University of Cologne) - Cordos, Cristina (Institute of Archaeology Iasi)
- 11:45 FAUNAL RECORD AND TAPHONOMIC PROCESSES IN A MIDDLE BRONZE AGE HOUSE AT TOBOLIU (ROMANIA)**
Nolde, Nadine - Zickel, Mirjam (Institute for Prehistory, University of Cologne)
- 12:00 METALWORKING AS A HOUSEHOLD PRACTICE ON THE BRONZE AGE TELLS**
Gavan, Alexandra (Institut für Ur- und Frühgeschichte Universität zu Köln)
- 12:15 MIDDLE BRONZE AGE HOUSEHOLDS AND DAILY LIFE AT THE WESTERN FRINGE OF THE CARPATHIAN BASIN (NORTH-WESTERN ROMANIA)**
Zsolt, Molnár-Kovács (Babes-Bolyai University, Cluj-Napoca)
- 12:30 PUTTING PEOPLE IN THEIR PLACE: PRIVACY AND COMMUNITY IN THE NEW KINGDOM EGYPT**
Rocha da Silva, Thais (University of São Paulo; University of Oxford)
- 12:45 DISCUSSION SLOT**

174 RHYTHMS OF LIFE. EXPLORING THE IMPRINTS OF TEMPORALITIES AND ANNUAL CYCLES ON PREHISTORIC SETTLED LIFE

Room: Building R, room E030

Time: 14:00 - 18:30

Theme: 3. The Carpathian Basin: Integration, Mobility and Diversity

Format: Regular session

Organisers: Vicze, Magdolna (Hungarian National Museum) - Sorensen, Marie Louise (Cambridge University) - Sofaer, Joanna (Southampton University) - Kovács, Gabriella (Hungarian National Museum)

PAPERS

- 14:00 INTRODUCTION**
- 14:15 PLANNING AND FORECASTING AS STRUCTURING GUIDANCE IN THE PREHISTORIC 'EVERYDAY'**
Sorensen, Marie Louise Stig (University of Cambridge)

- 14:30 ANNUAL ACTIVITY DIAGRAMS AS A TOOL FOR UNDERSTANDING THE COMPLEXITY OF DAILY LIFE ON A FARM**
van Amerongen, Yvonne (Archol - Archaeological Research Leiden)
- 14:45 RHYTHMS OF HEATHLAND LIVING IN THE NORDIC BRONZE AGE**
Haughton, Mark - Caple, Zac (Aarhus University)
- 15:00 DISCUSSION SLOT**
- 15:15 THE POLYRHYTHMS OF THE IRON AGE HEATHLAND FARM: A VIEW FROM WESTERN DENMARK**
Caple, Zac - Haughton, Mark (Aarhus University)
- 15:30 SIGNS OF SEASONALITY IN BRONZE AGE AGRICULTURAL PRACTICE AS SEEN IN THE ARCHAEOBOTANICAL RECORD**
Peto, Ákos (Hungarian University of Agricultural and Life Sciences) - Kovács, Gabriella - Vicze, Magdolna (Hungarian National Museum, Budapest)
- 15:45 DISCUSSION SLOT**
- 16:30 DETECTING SEASONAL ACTIVITY AT PREHISTORIC SITES THROUGH THE STUDY OF SKELETAL REMAINS FROM FISH, BIRDS AND JUVENILE LIVESTOCK**
Bartosiewicz, Laszlo (Stockholm University) - Gál, Erika (Institute of Archaeology, Research Centre for the Humanities, Eötvös Loránd Research Network)
- 16:45 CHILDREN AND SEASONS IN PROTOHISTORIC SETTLEMENTS IN THE SOUTHERN CARPATHIAN BASIN**
Ložnjak Dizdar, Daria (Institute of Archaeology, Zagreb) - Drnić, Ivan (Archaeological Museum in Zagreb)
- 17:00 DISCUSSION SLOT**
- 17:15 MICROSCOPY OF SEASONALITY**
Kovács, Gabriella (Hungarian National Museum) - Pető, Ákos (Hungarian University of Agriculture and Life Sciences, Institute for Wildlife Management and Nature Conservation, Department of Nature Conservation and Landscape Management) - Vicze, Magdolna (Hungarian National Museum)
- 17:30 THE TEMPORALITY OF A POT**
Sofaer, Joanna (University of Southampton)
- 17:45 'THOU KNOWEST, WINTER TAMES MAN, WOMAN, AND BEAST.' – THE ARCHAEOLOGY OF LIGHTING IN MIDDLE BRONZE AGE HOUSEHOLDS**
Vicze, Magdolna (Hungarian National Museum)
- 18:00 DISCUSSION SLOT**

184 CENTER VS PERIPHERY. INTERDISCIPLINARY APPROACHES TO THE STUDY OF MATERIAL CULTURE, ARCHITECTURE, AND LANDSCAPE IN THE CAUCASUS REGION

Room: Building R, room E245

Time: 11:00 - 13:00

Theme: 1. Archaeologists and Archaeology Here and Now

Format: Regular session

Organisers: Kaliszewska, Agnieszka (Systems Research Institute, Polish Academy of Sciences) - Lorenzon, Marta (University of Helsinki, Centre of Excellence in Ancient Near Eastern Empires) - Hamburg, Jacek (Krukowski Polish-Georgian Interdisciplinary Research Center) - Bieńkowski, Rafał (Systems Research Institute, Polish Academy of Sciences)

PAPERS

- 11:00 ON THE TRAIL OF ANCIENT SETTLEMENTS... THE ARCHAEOLOGICAL LANDSCAPE OF KUTAISI IN THE LIGHT OF RECENT POLISH-GEORGIAN EXCAVATION RESEARCH**
Hamburg, Jacek (Krukowski Polish-Georgian Interdisciplinary Research Center) - Isakadze, Roland (Georgian National Museum; National Agency For Cultural Heritage Preservation of Georgia, Kutaisi Historical Architectural Museum - Reserve; Akaki Tsereteli State University) - Badura, Monika (Laboratory of Paleoecology and Archaeobotany, University of Gdańsk)
- 11:15 EARTHEN ARCHITECTURE AND CONSTRUCTION PRACTICES IN THE KUTAISI REGION**
Lorenzon, Marta (University of Helsinki)
- 11:30 A CASE STUDY OF BRONZE AGE POTTERY FROM KUTAISI, GEORGIA**
Kaliszewska, Agnieszka (Systems Research Institute, PAS) - Lorenzon, Marta (University of Helsinki, Centre of Excellence in Ancient Near Eastern Empires) - Badura, Monika (Laboratory of Paleoecology and Archaeobotany, University of Gdańsk)
- 11:45 THE ANIMAL STYLE OF THE URARTIAN AND CAUCASUSIAN BELTS**
Castelluccia, Manuel (University of Naples) - Szabó, Geza (Wosinsky Mór Museum)

12:00 THE SUPPLY OF THE APSAROS FORTRESS (MODERN GONIO, GEORGIA) IN AMPHORA-BORNE COMMODITIES DURING THE ROMAN AND EARLY BYZANTINE PERIOD

Komar, Paulina (Cardinal Stefan Wyszyński University in Warsaw) - Rogava, Andria (Georgian National Museum)

12:15 BAGRATI CATHEDRAL AND ITS SURROUNDINGS. PRELIMINARY RESULTS OF THE INTERDISCIPLINARY INVESTIGATION OF THE BAGRATI HILL IN KUTAISI, GEORGIA

Bienkowski, Rafał - Kaliszewska, Agnieszka (Systems Research Institute of the Polish Academy of Sciences) - Badura, Monika (Laboratory of Paleoecology and Archaeobotany, University of Gdańsk) - Lorenzon, Marta (University of Helsinki, Centre of Excellence in Ancient Near Eastern Empires)

12:30 DISCUSSION SLOT

197 STANDARDIZATION IN QUALITATIVE AND QUANTITATIVE USE-WEAR ANALYSIS OF PREHISTORIC STONE TOOLS: DISCUSSING ISSUES AND SOLUTIONS



Palaeolithic and Mesolithic

Room: Main building, room 26

Time: 8:30 - 13:00

Theme: 6. A Decade after the 'Third Science Revolution in Archaeology'

Format: Regular session

Organisers: Borel, Antony (Histoire Naturelle de l'Homme Préhistorique - HNHP, Muséum national d'histoire naturelle, CNRS, UPVD; Institute of Archeological Sciences, Eötvös Loránd University) - Ollé, Andreu (Institut Català de Paleoecologia Humana i Evolució Social - IPHES-CERCA; Universitat Rovira i Virgili, Departament d'Història i Història de l'Art) - Marreiros, João (Laboratory for Traceology and Controlled Experiments - TraCEr, MONREPOS – Archaeological Research Centre and Museum for Human Behavioural Evolution, RGZM; ICArEHB – Interdisciplinary Center for Archaeology and Evolution of Human Behaviour, Universidade do Algarve; Institute for Prehistoric and Protohistoric Archeology, Johannes Gutenberg University) - Rots, Veerle (FNRS, TraceoLab, University of Liège; Institute of Early Prehistory and Quaternary Ecology, University of Tübingen) - Ibáñez, Juan José (Archaeology of Social Dynamics - ASD, Institución Milá y Fontanals - IMF, Spanish National Research Council - CSIC)

PAPERS

8:30 INTRODUCTION

- 8:45** **QUANTITATIVE, YES... BUT WITH QUALITATIVELY GOOD DATA!**
Calandra, Ivan (Römisch-Germanisches Zentralmuseum)
- 9:00** **TRACING NEW CHALLENGES AND LIMITATION IN USE-WEAR STUDIES. PROMOTING NEW PROTOCOLS, GUIDELINES AND METHODOLOGICAL APPROACHES IN THE DISCIPLINE.**
Marreiros, Joao - Calandra, Ivan - Carver, Geoff - Gneisinger, Walter - Schunk, Lisa - Paixao, Eduardo (TraCEr, MONREPOS. RGZM) - Robitaille, Jerome (MONREPOS. RGZM) - Thaler, Ulrich (TraCEr, MONREPOS. RGZM)
- 9:15** **DISCUSSION SLOT**
- 9:30** **CAN WE RELY ON NON-STANDARDIZED EXPERIMENTAL APPROACHES DEALING WITH STONE TOOLS SURFACE ALTERATION? ISSUES CONCERNING EXPERIMENTAL PROTOCOLS SET UP**
Scancarello, Olivier - Lemorini, Cristina (Sapienza Università di Roma)
- 9:45** **USE-WEAR QUALITATIVE AND QUANTITATIVE VARIABILITY ON STONE RAW MATERIALS FROM THE CARPATHIAN BASIN**
Borel, Antony (Histoire Naturelle de l'Homme Préhistorique - HNHP, Muséum national d'histoire naturelle, CNRS, UPVD; Institute of Archaeological Sciences, Eötvös Loránd University) - Marteau, Julie (Laboratoire Roberval, Sorbonne Université, Université de Technologie de Compiègne) - Deltombe, Raphaël - Moreau, Philippe - Bigerelle, Maxence (Laboratoire d'Automatique, de Mécanique et d'Informatique industrielles et Humaines - LAMIH UMR-CNRS 8201, Université Polytechnique des Hauts de France) - Lengyel, György (Department of Prehistory and Archaeology, University of Miskolc) - Mester, Zsolt (Institute of Archaeological Sciences, Eötvös Loránd University; Histoire Naturelle de l'Homme Préhistorique - HNHP, Muséum national d'histoire naturelle, CNRS, UPVD)
- 10:00** **DISCUSSION SLOT**
- 11:00** **THE INTENSITY OF USE IN USEWEAR ANALYSIS: THE CASE OF HARVESTING GLOSS**
Ibáñez, Juan (Spanish National Research Council - CSIC) - Mazzucco, Niccolò (University of Pisa) - Pichon, Fiona (Spanish National Research Council - CSIC)
- 11:15** **A NEW METHOD TO DISTINGUISH DIFFERENT CONTACT MATERIAL ON QUARTZ TOOLS. FIRST RESULTS FROM ANALYSING USE WEAR STRIATIONS ON QUARTZ**
Lundin, Jon (Independent researcher) - Boström, Sebastian (Independent researcher)

- 11:30** **DISCUSSION SLOT**
- 11:45** **ON THE NEED OF QUALITATIVE BACKGROUND FOR A FRUITFUL USE-WEAR QUANTIFICATION**
Ollé Cañellas, Andreu - Arroyo, Adrián (Institut Català de Paleoecologia Humana i Evolució Social - IPHES-CERCA; Universitat Rovira i Virgili - URV, Dept. d'Història i Història de l'Art) - Asryan, Lena (Institut Català de Paleoecologia Humana i Evolució Social - IPHES-CERCA; Universitat Rovira i Virgili - URV, Dept. d'Història i Història de l'Art; TraceoLab, University of Liège) - Fernández-Marchena, Juan Luis (Seminari d'Estudis i Recerques Prehistòriques - SERP, Dept.d'Història i Arqueologia, Universitat de Barcelona; Institut Català de Paleoecologia Humana i Evolució Social - IPHES-CERCA; Universitat Rovira i Virgili - URV, Dept. d'Història i Història de l'Art) - García-Argudo, Gala (Seminari d'Estudis i Recerques Prehistòriques - SERP, Dept.d'Història i Arqueologia, Universitat de Barcelona) - Martín-Viveros, Juan Ignacio - Mateo-Lomba, Paula (Institut Català de Paleoecologia Humana i Evolució Social - IPHES-CERCA; Universitat Rovira i Virgili - URV, Dept. d'Història i Història de l'Art) - Pedergrana, Antonella (University of Zurich) - Tumung, Laxmi (Institut Català de Paleoecologia Humana i Evolució Social - IPHES-CERCA; Universitat Rovira i Virgili - URV, Dept. d'Història i Història de l'Art)
- 12:00** **HOW TO INTEGRATE QUANTIFICATION INTO QUALITATIVE USE-WEAR ANALYSIS?**
Taipale, Noora - Tomasso, Sonja - Michel, Marine (TraceoLab / Prehistory, University of Liège) - Rots, Veerle (TraceoLab / Prehistory, University of Liège; Maître de Recherches du FNRS)
- 12:15** **DISCUSSION SLOT**
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- 198** **FROM FIRE TO LIGHT**
Room: Building R, room E151
Time: 8:30 - 15:30
Theme: 6. A Decade after the 'Third Science Revolution in Archaeology'
Format: Regular session
Organisers: Vandeveld, Ségolène (Université Paris 1 - Panthéon-Sorbonne, UMR7041 ArScAn équipe Archéologies environnementales; Laboratoire des Sciences du Climat et de l'Environnement, LSCE/IPSL - CEA-CNRS-UVSQ-Université Paris Saclay) - Ferrier, Catherine (Université de Bordeaux) - Medina-Alcaide, M^a Ángeles (Fondation Fyssen, Université de Bordeaux; Department of History, University of Córdoba - UCO; International Institute for Prehistoric Research

of Cantabria - IIIPC) - Rueff, Bastien (UMR7041 ArScAn, équipe Protohistoire égéenne)

PAPERS

- 8:30 INTRODUCTION**
- 8:45 MOBILE LIGHTING IN MEDIEVAL AND EARLY MODERN SWEDEN**
Qvistrom, Linda (Uppsala University)
- 9:00 LAMPS AND LIGHTING IN UGARIT, FIRST ELEMENTS FROM THE ARCHIVES**
Blanc, Guillaume (Ecole Pratique des Hautes Etudes - PSL)
- 9:15 DISCUSSION SLOT**
- 9:30 AEGEAN BRONZE AGE LAMP WICKS. MATERIALS, MANUFACTURING TECHNIQUES AND LIGHT PROPERTIES**
Rueff, Bastien (ArScAn - UMR 7041-CNRS; University Paris 1 Panthéon-Sorbonne)
- 9:45 THE RED SANDSTONE LAMP OF THE LASCAUX CAVE: AN EXPERIMENTAL APPROACH TO THE USE PROCESSES**
Ferrier, Catherine (PACEA UMR 5199 – CNRS. Université de Bordeaux) - Medina-Alcaide, M^a Ángeles (PACEA UMR 5199 – CNRS. Université de Bordeaux; Dept. of History. University of Cordoba) - Leblanc, Jean Claude (TRACES UMR 5608 – CNRS. Université de Toulouse - Jean Jaurès) - Intxaurbe, Iñaki (Dept. of Geology. Euskal Herriko Unibertsitatea/Universidad del País Vasco) - Ternoy, Marie (-) - Garate, Diego (Instituto Internacional de Investigaciones Prehistóricas de Cantabria - IIIPC, Universidad de Cantabria - Gobierno de Cantabria)
- 10:00 ARCHEOLOGY OF THE LIGHT IN ATXURRA CAVE: A MULTIPROXY, MULTIANALYTIC AND EXPERIMENTAL APPROACH**
Medina-Alcaide, M^a Ángeles (Université de Bordeaux - PACEA UMR 5199; Dept. of History. University of Cordoba) - Arriolabengoa, Martín (Dept. of Geology. Euskal Herriko Unibertsitatea/Universidad del País Vasco) - Ríos, Joseba (Arkeologi Museoa) - Intxaurbe, Inaki (Dept. of Geology. Euskal Herriko Unibertsitatea/Universidad del País Vasco) - Ferrier, Catherine (PACEA UMR 5199 – CNRS. Université de Bordeaux) - Leblanc, Jean (TRACES UMR 5608 – CNRS. Université de Toulouse - Jean Jaurès) - Mesa, Loli (Dept. of History. University of Cordoba) - Rivero, Olivia (Department of Prehistory, Ancient History and Archaeology Faculty of Geography and History University of Salamanca) - Garate, Diego (Instituto Internacional de Investigaciones Prehistóricas de Cantabria - IIIPC, Universidad de Cantabria)
- 10:15 DISCUSSION SLOT**

- 11:00 MULTIDISCIPLINARY APPROACH TO THE FUNCTION OF FIRE IN THE CHAUVET-PONT-D'ARC CAVE (ARDÈCHE, FRANCE)**
Ferrier, Catherine (PACEA UMR 5199 – CNRS. Université de Bordeaux) - Leblanc, Jean Claude (UMR 5608 TRACES, Université de Toulouse - Jean Jaurès) - Debard, Evelyne (UMR 5273, LGL-TPE, Université Lyon 1) - Fosse, Philippe (UAR 3125 MMSH, Université Aix Marseille) - Gely, Bernard (DRAC Auvergne - Rhône-Alpes, Ministère de la Culture) - Laurent, Antoine (UMR 5505 IRIT, UMR 5608 TRACES, Institut National Polytechnique de Toulouse - INPT) - Sagory, Thomas (Ministère de la Culture, Musée d'Archéologie nationale, domaine national de Saint-Germain-en-Laye) - Salmon, Fabien (UMR 5295 I2M, Université de Bordeaux, INP) - Tosello, Gilles - Fritz, Carole (CREAP, MSHS Toulouse, UMR 5608 TRACES, Université Toulouse Jean Jaurès)
- 11:15 ANTHROPOGEOLOGICAL ANALYSIS OF THE ROCHE COTARD WALLS: LOCATION OF THE PALEOLITHIC LIGHTING SYSTEMS**
Vandeveld, Ségolène (Laboratory of Climate and Environment Sciences - LSCE UMR8212) - Marquet, Jean-Claude (Tours University)
- 11:30 UNDERSTANDING HEARTH LOCATIONS AND ACTIVITY AREAS IN CAVES BASED ON LIGHT, WARMTH, AND SMOKE DENSITY - CASE STUDY LAZARET CAVE**
Kedar, Yafit - Barkai, Ran (Tel Aviv University)
- 11:45 DISCUSSION SLOT**
- 12:00 IDENTIFICATION OF THE SOURCE OF CARBON IN CARBON-BASED SOUTHERN AFRICAN ROCK PAINTINGS**
Dissais, Maud (Ecole Européenne de Chimie, Polymères et Matériaux, Université de Strasbourg; Department of chemistry, Université de Sherbrooke) - Bonneau, Adeline (Department of chemistry, Université de Sherbrooke; Rock Art Research Institute, University of the Witwatersrand)
- 12:15 USING DIGITAL AND EXPERIMENTAL APPROACHES TO EVALUATE THE VISUAL EFFECTS OF LIGHTING CONDITIONS FOR MAGDALENIAN PORTABLE AND PARIETAL ART**
Wisher, Isobel (Durham University) - Needham, Andy (University of York)
- 12:30 USE OF ARCHAEOLOGICAL EXPERIMENTAL DATA ABOUT PALAEO-LITHIC LIGHTING IN COMPUTER SPATIAL ANALYSES RELATED WITH ROCK ART**
Intxaurbe, Iñaki (Dept. of Geology. Euskal Herriko Unibertsitatea/ Universidad del País Vasco) - Medina-Alcaide, M^a (PACEA UMR 5199 – CNRS. Université de Bordeaux) - Garate, Diego (Instituto Internacional de Investigaciones Prehistóricas de Cantabria - IIIPC, Universidad de

Cantabria - Gobierno de Cantabria) - Arriolabengoa, Martin (Dept. of Geology. Euskal Herriko Unibertsitatea/Universidad del País Vasco)

12:45 DISCUSSION SLOT

14:00 A 3D PHYSICALLY-BASED APPROACH FOR THE PROBLEM OF TRANSLUCENT MARBLE TILES AND THE ILLUMINATION OF CLASSICAL GREEK TEMPLES

de Lara, Juan (UCL)

14:15 THE UBIQUITY OF DARK AND LIGHT

Higginbottom, Gail (El Instituto de Ciencias del Patrimonio - Incipit, CSIC) - Mom, Vincent (Digital Preservation Projects)

14:30 DISCUSSION SLOT

203 ACROSS THE MAELSTROM: SEARCHING FOR NEW DEPARTURES IN THE ARCHAEOLOGY OF THE VIKING AGE

Room: Main building, room 34

Time: 16:30 - 18:30

Theme: 1. Archaeologists and Archaeology Here and Now

Format: Regular session

Organisers: Sindbaek, Søren (Aarhus University) - Lund, Julie (University of Oslo)



PAPERS

16:30 LIFE ON THE MARGINS: SOCIAL INEQUALITY AND STRUCTURAL VIOLENCE IN VIKING-AGE SCANDINAVIA

Raffield, Ben (Uppsala University)

16:45 "THEN ALL THE POWERS WENT TO THEIR THRONES OF FATE...". AN ANTHROPOLOGICAL LOOK AT PERFORMANCE AND RITUAL IN VIKING LEADERSHIP

Maddox, Timmis (University of Wisconsin-Milwaukee)

17:00 TRANSFORMATIONS IN VIKING AGE ANIMAL ART – A MULTI-PERSPECTIVE STUDY ON METALWORK AND VISUAL POETICS

Neiß, Michael (Uppsala University, Department of Archaeology & Ancient History)

17:15 THE PROBLEMATIC DISCONNECTION BETWEEN DECORATIVE STYLE AND OBJECT IN VIKING AGE ART

Franco Valle, Rebeca (University of Bergen)

17:30 POWER, ETHNICITY, AND SETTLEMENT IN THE NORSE-PERIOD LANDSCAPE OF SKYE AND THE WESTERN ISLES

Ryder, Joseph (University of Bergen)

17:45 MAPPING MIDGARD. RECONSTRUCTING MENTAL GEOGRAPHIES OF VIKING AGE SEAFARERS

Jarrett, Greer (Lund University)

18:00 BODY-POLITICS OF THE VIKING AGE

Eriksen, Marianne Hem (School of Archaeology and Ancient History, University of Leicester)

18:15 DISCUSSION SLOT

211 RIGHT HERE, LET'S GET IT RIGHT NOW. COLLABORATIVE CREATION OF STANDARDS AND GUIDANCE TO DEFINE GOOD ARCHAEOLOGY IN DIFFERENT JURISDICTIONS

Room: Building F, room 12

Time: 16:30 - 18:30

Theme: 1. Archaeologists and Archaeology Here and Now

Format: Discussion session

Organisers: Hinton, Peter (Chartered Institute for Archaeologists) - Kyle, James (Institute of Archaeologists of Ireland) - Drummer, Clara (CIfA Deutschland) - Hessing, Wilfried (Vestigia Archeologie & Cultuurhistorie)



PAPERS

16:30 INTRODUCTION

16:45 THE CHALLENGE OF ESTABLISHING A 'LEVEL PLAYING FIELD' – THE ALIGNMENT OF STANDARDS AND GUIDANCE FOR USE IN NORTHERN IRELAND

Parker Wooding, Jen (Chartered Institute for Archaeologists) - Robinson, Rhonda (Department for Communities, Historic Environment Division)

17:00 STANDARDS AND GUIDANCE IN NORTHERN IRELAND. WHERE ARE WE, HOW DID WE GET HERE, AND WHAT HAVE WE ACHIEVED?

Robinson, Rhonda (DfC Historic Environment Division)

17:15 WHO CAN SET STANDARDS IN AUSTRIA AND GERMANY?

Karl, Raimund (Universität Wien)

17:30 BEWARE OF THE DIFFERENCE! A WARNING TO THE STANDARD-SETTERS

Carman, John (University of Birmingham)

17:45 DISCUSSION SLOT

215 FACING WATER RESOURCES AND VARIATIONS IN CENTRAL ASIA FROM PREHISTORY TO TIMURID PERIOD: DISASTER(S), ADAPTATION, ANTICIPATION

Room: Building B, room 217
Time: 16:30 - 18:30
Theme: 5. Climate Change and Socioenvironmental Perspectives
Format: Regular session
Organisers: Rhoné-Quer, Camille (Aix-Marseille University; CNRS/IREMAM) - Brisset, Elodie (CNRS/IMBE; Aix-Marseille University) - Kholov, Vohid (Institute of History of the Academy of Sciences of Uzbekistan)

PAPERS

- 16:30 INTRODUCTION**
- 16:45 STUDYING RELATIONSHIP BETWEEN PREMODERN SOCIETIES AND WATER RESOURCES OR VARIATIONS IN CENTRAL ASIA: A STATE OF THE ART**
 Rhoné-Quer, Camille (Aix-Marseille University; CNRS/IREMAM) - Elodie, Brisset (CNRS/IMBE)
- 17:00 THE VALUE OF WATER IN THE STRATEGY OF CENTRAL ASIA**
 Kholov, Vohid (Institute of History of the Academy of Sciences of Uzbekistan)
- 17:15 DISCUSSION SLOT**
- 17:30 THAT THIN RED LINE. WATER RESOURCES VARIABILITY AND AGRICULTURAL ADAPTATION IN SOUTHERN TURKMENISTAN DURING THE BRONZE AGE**
 Arciero, Roberto (Leiden University)
- 17:45 THE CITY OF TERMEZ IN THE MIDDLE AGES AND ITS IMPORTANCE IN THE FLOODING OF THE AMOU DARYA**
 Makhmasobirova, Feruza (Aix-Marseille University)
- 18:00 BRINGING ENVIRONMENTAL AND HISTORICAL ARCHIVES TOGETHER TO ANALYZE ADAPTATION STRATEGIES OF AGROPASTORAL SYSTEMS VIS-À-VIS WATER STRESS IN CENTRAL ASIA**
 Brisset, Elodie (IMBE, Aix Marseille Univ, Univ Avignon, CNRS, IRD) - Rhoné-Quer, Camille (IREMAM, Aix Marseille Univ, CNRS, MMSH) - Djmalali, Morteza - Guiter, Frédéric - Gandouin, Emmanuel - Brousset, Lenka (IMBE, Aix Marseille Univ, Univ Avignon, CNRS, IRD)
- 18:15 DISCUSSION SLOT**

220 APPRENTICESHIP AS RESEARCH METHOD

Room: Building R, room E151
Time: 16:30 - 18:30
Theme: 1. Archaeologists and Archaeology Here and Now
Format: Discussion session
Organisers: van Gijn, Annelou (Leiden University) - Wendrich, Willeke (Cotsen Institute of Archaeology, UCLA)

PAPERS

- 16:30 INTRODUCTION**
- 16:45 COMMUNAL ARCHAEOLOGY: INDIGENOUS KNOWLEDGE, SCIENTIFIC RESULTS AND LEARNING BY DOING**
 Wendrich, Willeke (UCLA Cotsen Institute of Archaeology)
- 17:00 BRINGING A STONE AGE DWELLING CONSTRUCTION TO LIFE: A JOINT VENTURE OF LOCAL VOLUNTEERS AND ARCHAEOLOGICAL SCIENTISTS**
 van Gijn, Annelou (Faculty of Archaeology, Leiden University) - ter Brugge, Jeroen (Masamuda Educational Archaeological Centre; Rijksmuseum Amsterdam)
- 17:30 TO DO OR...TO DO! FROM THE CHALCOLITHIC TO THE CARMO ARCHAEOLOGICAL MUSEUM: EXPERIMENTAL AND PUBLIC ARCHAEOLOGY**
 Martins, Andrea (UNIARQ - FLUL; Associação dos Arqueólogos Portugueses) - Cura, Pedro (PrehistoricSkills) - Neves, César (Associação dos Arqueólogos Portugueses; UNIARQ - FLUL) - Carrondo, Joana (PrehistoricSkills) - Diniz, Mariana (UNIARQ - FLUL; Associação dos Arqueólogos Portugueses) - Arnaud, José (Associação dos Arqueólogos Portugueses)
- 17:45 DISCUSSION SLOT**

222 AD SALUBRITATEM CIVITATUM. THE ARCHAEOLOGY OF WATER EVACUATION INFRASTRUCTURES IN ROMAN URBAN SETTLEMENTS

Room: Building C, room 278
Time: 8:30 - 10:30
Theme: 4. Polis, Empire, League and Beyond – Living in Interconnected Societies
Format: Regular session
Organisers: Acero Pérez, Jesús (Department of Prehistory and Archaeology, University of Seville) - Lebret, Jean-Baptiste (Casa de Velázquez) -

Felício, Catarina (CHAM – Centre for Humanities, FCSH, Universidade NOVA de Lisboa)

PAPERS

- 8:30 THE BOUNDARIES OF THE UNWANTED: REFLECTIONS ON DRAINAGE NETWORKS IN THE ROMAN WORLD**
Lebret, Jean-Baptiste (Casa de Velazquez)
- 8:45 WHERE DOES THE WASTEWATER GO? DRAINAGE CHALLENGES AND SOLUTIONS ON THE AGORA IN NEA PAPHOS, CYPRUS**
Michalik, Michal (Doctoral School in the Humanities, Jagiellonian University) - Miszk, Łukasz (Institute of Archaeology Jagiellonian University)
- 9:00 THE HIDDEN FACE OF THE HYDRAULIC NETWORK OF A PROVINCIAL CAPITAL: THE WATER EVACUATION SYSTEM OF TARRACO**
Lebret, Jean-Baptiste - Lasheras, Ada (Casa de Velázquez - EHEH)
- 9:15 URBAN SEWERAGE SYSTEMS IN THE ROMAN PROVINCE OF LUSITANIA: CONSTRUCTION AND OPERATION.**
Acero Pérez, Jesús (Department of Prehistory and Archaeology, University of Seville)
- 9:30 RAIN AND WASTEWATER MANAGEMENT IN ROMAN MIROBRIGA (SANTIAGO DO CACÉM, PORTUGAL). AN OVERVIEW OF THE EVACUATION SYSTEM**
Felício, Catarina (CHAM - Centre for the Humanities. Universidade NOVA de Lisboa)
- 9:45 ROMAN WATER EVACUATION STRUCTURES. ASSESSMENT OF FUNCTIONALITIES AND BUILDING TECHNIQUES PRESENT AT MIROBRIGA (SANTIAGO DO CACÉM, PORTUGAL)**
Felício, Catarina - Sousa, Filipe (CHAM - Universidade NOVA de Lisboa)
- 10:00 TRANSFORMATIONS IN THE URBAN DRAINAGE SYSTEMS IN LATE ANTIQUE HISPANIA (3RD – 6TH CENTURIES CE)**
Acero Pérez, Jesús (Department of Prehistory and Archaeology, University of Seville) - Romaní Sala, Núria (Autonomous University of Barcelona)
- 10:15 DISCUSSION SLOT**

223 WINDS OF CHANGE? POST-MEDIEVAL AND HISTORICAL ARCHAEOLOGY IN SOUTHERN EUROPE AND THE MEDITERRANEAN

- Room:** Building F, room 12
Time: 8:30 - 15:30
Theme: 1. Archaeologists and Archaeology Here and Now
Format: Regular session
Organisers: Panetta, Alessandro (Università degli Studi di Genova) - Casimiro, Tânia (Universidade Nova de Lisboa)

PAPERS

- 8:30 INTRODUCTION**
- 8:45 TO SHARE OR TO DIVIDE? DEFINING SPACES AT THE UPLAND SETTLEMENT OF COLANESI (GENOVA, ITALY) BETWEEN 19TH AND 20TH CENTURIES**
Bizzarri, Giulia (Laboratorio di Archeologia e Storia Ambientale - Università di Genova)
- 9:00 WATER MANAGEMENT AND RESILIENCE IN SOUTHERN ITALY: THE CASE OF ARENA**
Mascarello, Chiara - Felicioni, Camilla - Patacchini, Andrea - Citter, Carlo (University of Siena)
- 9:15 DISCUSSION SLOT**
- 9:30 A HIDDEN TRADING HUB OF THE OTTOMAN EMPIRE: SZOLNOK AND LONG-DISTANCE TRADE IN THE OTTOMAN PERIOD BASED ON ORIENTAL CERAMICS**
Komori, Tünde (Medieval Studies Department, Central European University, Vienna and Budapest) - Kertész, Róbert (János Damjanich Museum, Szolnok)
- 9:45 POTTERY CONSUMPTION IN MODERN BRAGA: FROM NATIONAL RESEARCHES TO REGIONAL TRADITIONS**
Fernandes, Lara (Laboratório de Paisagens, Património e Território - Lab2PT; Unidade de Arqueologia da Universidade do Minho - UAUM) - Machado, Diego (Fundação para a Ciência e Tecnologia - FCT; Laboratório de Paisagens, Património e Território - Lab2PT; Unidade de Arqueologia da Universidade do Minho - UAUM) - Martins, Manuela - Magalhães, Fernanda - Botica, Natália (Unidade de Arqueologia da Universidade do Minho - UAUM; Laboratório de Paisagens, Património e Território - Lab2PT)

- 10:00** **ARCHAEOLOGY OF VENETIAN-MADE CERAMICS IN THE MODERN ERA. A CASE STUDY**
Ferri, Margherita (Ca' Foscari University of Venice)
- 10:15** **DISCUSSION SLOT**
- 11:00** **MATERIALIZING DEATH. AN INTERACTION OF PEOPLE AND THINGS AT THEIR FINAL HOUR IN EARLY MODERN PORTUGAL**
Casimiro, Tania (CFE HTC - Nova University of Lisbon) - Costa, Inês (Independent Archaeologist) - Iglesias, Jessica (Independent Archaeologist)
- 11:15** **THE FUNERARY EPIGRAPHY OF THE NW IBERIA (1850-1940) OR HOW ARCHAEOLOGY CAN HANDLE THE SUBTLE NUANCES OF POWER**
Álvarez, Samuel (Incipit, CSIC; Universidade de Santiago de Compostela)
- 11:30** **COFFEE CUPS FROM THE EAST: TRADING CONNECTIONS OF OTTOMAN SOFIA BASED ON ORIENTAL CERAMIC FINDS FROM THE POST-MEDIEVAL PERIOD**
Komori, Tünde (Medieval Studies Department, Central European University, Vienna and Budapest) - Goryanova, Snezhana (National Archaeological Institute with Museum, Bulgarian Academy of Sciences, Sofia) - Dafova, Lyuba (Regional History Museum – Sofia)
- 11:45** **DISCUSSION SLOT**
- 12:00** **WHERE THE MIDDLE AGES DID NOT END**
Citter, Carlo (University of Siena)
- 12:15** **TEAR ALONG THE ... BORDERS**
Gattiglia, Gabriele - Anichini, Francesca - Di Pasquale, Caterina - Trabucco, Nicola (University of Pisa - Dipartimento di Civiltà e forme del sapere)
- 12:30** **GUERRILLA WARFARE AND THE POLITICS OF MEMORY: A TRANS-NATIONAL COMPARATIVE PERSPECTIVE**
Tejerizo, Carlos (Università degli Studi di Genova) - Santeramo, Riccardo - Bizzarri, Giulia - Piu, Caterina (Laboratorio di Archeologia e Storia Ambientale - Università degli Studi di Genova)
- 12:45** **DISCUSSION SLOT**
- 14:00** **COMMON-LANDS, PRACTICES AND LOCAL KNOWLEDGE: AN ARCHAEOLOGICAL PERSPECTIVE TO THE INNER SOCIAL DIMENSION OF LANDSCAPE. CASE STUDIES FROM SOUTHERN EUROPE**
Stagno, Anna Maria (University of Genova - Laboratory of Environmental Archaeology and History) - Panetta, Alessandro - Attolini, Davide - Bizzarri, Giulia - Cristina, Giovanni (Università di Genova)

- Menéndez Blanco, Andrés (University of Oviedo) - Menozzi, Bruna - Piu, Caterina - Santeramo, Riccardo - Molinari, Chiara (Università di Genova)

- 14:15** **EXPLORING CONNECTIONS BETWEEN ARCHAEOLOGIES OF EARLY MODERN SPAIN AND COLONIAL IBERO-AMERICA**
Senatore, Maria (Instituto de Investigación en Arqueología y Patrimonio Histórico - INAPH, Universidad de Alicante) - Gutierrez Lloret, Sonia (Instituto de Investigación en Arqueología y Patrimonio Histórico - INAPH, Dep. Prehistoria, Arqueología, Hª Antigua, Fil. Latina, Fil. Griega Universidad de Alicante)
- 14:30** **POST-MEDIEVAL ARCHAEOLOGY, ARCHAEOLOGY OF MODERN AGE OR ARCHAEOLOGY OF MODERNIZATION? REFLECTIONS ON LATER HISTORICAL ARCHAEOLOGY IN THE MEDITERRANEAN**
Panetta, Alessandro - Cristina, Giovanni - Stagno, Anna Maria (Università degli Studi di Genova; LASA - Laboratorio di Archeologia e Storia Ambientale - Università degli Studi di Genova)
- 14:45** **DISCUSSION SLOT**

230 **SEDIMENT AND SOIL ARCHIVES TO DECIPHER HUMAN-ENVIRONMENT INTERACTIONS IN WETLAND LANDSCAPES FROM THE NEOLITHIC TO THE XXTH CENTURY**

- Room:** Building F, room 13
Time: 14:00 - 18:30
Theme: 5. Climate Change and Socioenvironmental Perspectives
Format: Session with keynote presentation and discussion
Organisers: Mayoral, Alfredo (ICAC - Catalan Institute of Classical Archaeology) - Dendievel, André-Marie (Univ Lyon, Université Claude Bernard Lyon 1, ENTPE, CNRS, UMR 5023 LEHNA)

PAPERS

- 14:00** **INTRODUCTION**
- 14:15** **FROM THE PALEOANTHROPOCENE TO THE ANTHROPOCENE: TOWARDS A HIGH RESOLUTION OF THE LONG-TERM ANTHROPOGENIC IMPACT ON WETLANDS IN NORTHWESTERN FRANCE**
Lespez, Laurent (Lab. Géographie Physique - LGP - CNRS; Univ. Paris Est Creteil) - Beauchamp, Axel (Nantes Métropole, Direction du patrimoine et de l'archéologie; CReAAH - CNRS) - De Milleville, Lucile (Lab. Géographie Physique - LGP - CNRS; Univ. Paris Est Creteil) - Lemer, Laurence (Lab. Géographie Physique - LGP - CNRS; Univ. Paris 1 Panthéon

Sorbonne) - Gauthier, Agnès (Lab. Géographie Physique - LGP CNRS; Univ. Paris 1 Panthéon Sorbonne & Univ. Paris Est Creteil)

14:30 DISCUSSION SLOT

14:45 ENVIRONMENTAL CHANGE DOCUMENTED IN A FLUVIAL LANDSCAPE: CASE STUDY ON THE LATE NEOLITHIC BRŠADIN-PAŠNJAK POD SELOM SITE (NE CROATIA)

Botic, Katarina (Institute of Archaeology, Zagreb) - Marks, Leszek (Polish Geological Institute – National Research Institute, Warsaw) - Welc, Fabian (Cardinal Stefan Wyszyński University, Institute of Archaeology, Warsaw) - Nitychoruk, Jerzy - Rogóż-Matyszczyk, Anna (Pope John Paul 2nd State Higher School, Faculty of Technical Sciences, Biła Podlaska) - Szymanek, Marcin - Czajkowska, Monika - Cabała, Izabela (University of Warsaw, Faculty of Geology)

15:00 HUMAN ACTIVITIES AND WETLAND ENVIRONMENT DECIPHERED BY USING MACROFOSSILS IN URBAN AND PERI-URBAN CONTEXTS FROM THE ROMAN PERIOD TO NOWADAYS

Dendievel, André-Marie (Univ Lyon, Université Claude Bernard Lyon 1, ENTPE, CNRS, UMR 5023 LEHNA) - Gaillot, Stéphane (Service Archéologique de la Ville de Lyon) - Pruvost, Jean (Univ Lyon, Université Claude Bernard Lyon 1, ENTPE, CNRS, UMR 5023 LEHNA) - Dessaint, Philippe - Monin, Michèle (Service Archéologique de la Ville de Lyon) - Mourier, Brice - Winiarski, Thierry (Univ Lyon, Université Claude Bernard Lyon 1, ENTPE, CNRS, UMR 5023 LEHNA)

15:15 3D-MODELLING OF HOLOCENE LANDSCAPE CHANGE IN THE AREA OF THE LATE NEOLITHIC WETLAND SETTLEMENT SITE OF PESTENACKER, SOUTHERN GERMANY(PART1)

Wanger-O'Neill, Anneli (Bavarian State Department for Cultural Heritage - BLfD) - Köhler, Anne - Schneider, Birgit (Leipzig University, Institute for Geography) - Rabiger-Völlmer, Johannes (Leipzig University, Institute for Geography) - Werban, Ulrike (Helmholtz Centre for Environmental Research - UFZ, Department Monitoring and Exploration Technologies) - Werther, Lukas (University of Tuebingen, Institute for Prehistoric and Medieval Archaeology) - Dietrich, Peter (Helmholtz Centre for Environmental Research - UFZ, Department Monitoring and Exploration Technologies) - Berg, Stefanie (Bavarian State Department for Cultural Heritage - BLfD) - Zielhofer, Christoph (Leipzig University, Institute for Geography)

15:30 3D-MODELLING OF HOLOCENE LANDSCAPE CHANGE IN THE AREA OF THE LATE NEOLITHIC WETLAND SETTLEMENT SITE OF PESTENACKER, SOUTHERN GERMANY (PART2)

Köhler, Anne (Leipzig University, Institute for Geography) - Wanger-O'Neill, Anneli (Bavarian State Department for Cultural Heritage - BLfD) - Schneider, Birgit - Rabiger-Völlmer, Johannes (Leipzig University, Institute for Geography) - Werban, Ulrike (Helmholtz Centre for Environmental Research - UFZ, Department Monitoring and Exploration Technologies) - Werther, Lukas (University of Tuebingen, Institute for Prehistoric and Medieval Archaeology) - Dietrich, Peter (Helmholtz Centre for Environmental Research - UFZ, Department Monitoring and Exploration Technologies) - Berg, Stefanie (Bavarian State Department for Cultural Heritage - BLfD) - Zielhofer, Christoph (Leipzig University, Institute for Geography)

15:45 DISCUSSION SLOT

16:30 HUMAN FOOTPRINT IN CHANGING ENVIRONMENT REVEALED THROUGH MULTI-PROXY RECONSTRUCTION: THE STUDY OF BRUSZCZEWO MICROREGION IN WESTERN POLAND

Niebieszczanski, Jakub (Adam Mickiewicz University in Poznań) - Gałka, Mariusz (University of Łódź) - Hildebrandt-Radke, Iwona - Karpińska-Kołaczek, Monika - Kołaczek, Piotr - Rzodkiewicz, Monika (Adam Mickiewicz University in Poznań) - Spsychalski, Waldemar (Poznań University of Life Sciences)

16:45 LARGE-SCALE GEO-ARCHAEOLOGICAL PROSPECTION OF MID- TO LATE HOLOCENE WETLAND LANDSCAPES IN THE CENTRAL NETHERLANDS USING A MULTI-DISCIPLINARY APPROACH

De Moor, Jos - Van Zijverden, Wilko (EARTH Integrated Archaeology) - Troelstra, Simon (VU University Amsterdam) - Verweij, Geurt (Bureau Waardenburg Ecology & Landscape)

17:00 RECONSTRUCTING THE LANDSCAPE OF THE SOUTHERN DANUBE DELTA IN ANTIQUITY: A SOCIO-ENVIRONMENTAL APPROACH

Bivolaru, Alexandra (Aix Marseille Université, CNRS, IRD, INRA) - Morhange, Christophe (Aix Marseille Université, CNRS, IRD, INRA; EPHE, Section des Sciences Historiques et Philologiques, UMR 8546, Archéologie et philologie d'Orient et d'Occident - AOrOc) - Baralis, Alexandre (Musée du Louvre, Department of Greek, Roman and Etruscan Antiquities)

17:15 A GEOARCHAEOLOGICAL TALE OF TWO CITIES: PALAEOGEOGRAPHY, SOCIO-ENVIRONMENTAL INTERACTION AND COASTAL LANDSCAPE EVOLUTION AROUND ANCIENT ABDERA (THRACE, GR.)

Mayoral, Alfredo (Catalan Institute of Classical Archaeology. Landscape Archaeology Research Group - ICAC-GIAP; Université Clermont Auvergne, CNRS, GEOLAB) - Ejarque, Ana (ISEM, Univ Montpellier, CNRS, IRD) - García-Molsosa, Arnau - Georgiadis, Mercurios - Apostolou, Giannis (Catalan Institute of Classical Archaeology. Landscape Archaeology Research Group - ICAC-GIAP) - Gaertner, Vincent (CNRS, UMR 5600, EVS-IRG & University of Lyon) - Kallintzi, Constantina (Director of the Eforia of Antiquities at Xanthi, Archaeological Museum of Avdira) - Kefalidou, Eurydice (National and Kapodistrian University of Athens, School of Philosophy, Department of History and Archaeology) - Palet, Josep María - Orengo, Hèctor A. (Catalan Institute of Classical Archaeology. Landscape Archaeology Research Group - ICAC-GIAP)

17:30 HUMAN-ENVIRONMENTAL INTERACTIONS AT HAIMENKOU- A LATE NEOLITHIC AND EARLY BRONZE AGE WETLAND SITE IN SOUTHWEST CHINA
Su, Kai - Kidder, Tristram (Washington University in St. Louis)

17:45 RISK ASSESSMENT OF GLOBAL CHANGE IMPACTS ON MEDITERRANEAN LAKE SITES

Piqué, Raquel (Universitat Autònoma de Barcelona, Departament de Prehistoria) - Romagnoli, Manuela (Dept. for Innovation in Biological, Agro-food and Forest systems - DIBAF. University of Tuscia) - Barbaro, Barbara (Soprintendenza for Archaeology, Arts and landscape. Rome) - Galotta, Giulia (Institute for Cultural Heritage Conservation and Restoration) - Chaumat, Gilles - Martínez-Carballal, Xavier (ARC-Nucléart) - Palomo, Antoni (Museu d'Arqueologia de Catalunya) - Terradas, Xavier (Consejo Superior de Investigaciones Científicas) - García, Irene (Universitat Autònoma de Barcelona) - Moscatelli, Cristina (Department for Innovation in Biological, Agro-food and Forest systems - DIBAF - University of Tuscia)

18:00 A MULTI-PROXY APPROACH TO ANALYSIS OF IRON AGE SETTLEMENT ON THE WETLAND MARGINS: CASE STUDIES FROM TWO SITES IN SCOTLAND
Roy, Lynne - Robertson, Jackaline (AOC Archaeology Group)

18:15 DISCUSSION SLOT

POSTERS

- A. USING SEDADNA TO IDENTIFY PAST ECOSYSTEM ENGINEERING SPECIES**
Vernot, Benjamin (Ancient Environmental Genomics, Max Planck Institute for Evolutionary Anthropology) - Sperisen, Christoph (Swiss Federal Institute for Forest Snow and Landscape Research WSL) - Robin, Vincent (Laboratoire Interdisciplinaire des Environnements Continentaux, UMR 7360 CNRS - Université de Lorraine) - Larsen, Annegret (Environmental Sciences, Wageningen University & Research)
- B. HUMAN-ENVIRONMENT INTERACTIONS IN AND AROUND VENICE LAGOON: MICRO-ECOLOGIES AND GEOARCHAEOLOGICAL NARRATIVES FROM ROMAN PERIOD TO MIDDLE AGES**
Bivolaru, Alexandra (Aix-Marseille Université, CNRS, IRD, INRA, Coll. France, CEREGE, EPHE-PSL, Chaire d'archéosciences) - Morhange, Christophe (Aix-Marseille Université, CNRS, IRD, INRA, Coll. France, CEREGE, EPHE-PSL, Chaire d'archéosciences; EPHE, Section des Sciences Historiques et Philologiques, UMR 8546, Archéologie et philologie d'Orient et d'Occident - AOrOc) - Cottica, Daniela (Dipartimento di Studi Umanistici Università Ca' Foscari Venezia Palazzo Malcanton - Marcorà)
- C. INSIGHTS INTO THE IMPACTS OF NEOLITHIC LAND USE AND CLIMATE CHANGE ON THE VEGETATION OF NORTHERN GREECE**
van Vugt, Lieveke - Morales-Molino, César - Gobet, Erika - Lotter, André (Institute of Plant Sciences, University of Bern; Oeschger Centre for Climate Change Research, University of Bern) - Vogel, Hendrik (Institute of Geological Sciences, University of Bern; Oeschger Centre for Climate Change Research, University of Bern) - Hafner, Albert (Institute of Archaeological Sciences, University of Bern; Oeschger Centre for Climate Change Research, University of Bern) - Tinner, Willy (Institute of Plant Sciences, University of Bern; Oeschger Centre for Climate Change Research, University of Bern)
- D. RECONSTRUCTING ROMAN AGE LAND COVER CHANGES IN TRANSDANUBIA (HUNGARY) USING POLLEN, ANTHRACOLOGICAL AND GIS STUDIES**
Merkli, Máté (Department of Environmental and Landscape Geography, Eötvös Loránd University; Tata Kúny Domokos Múzeum) - Csüllög, Gábor - Hajdúné Darabos, Gabriella (Department of Environmental and Landscape Geography, Eötvös Loránd University) - Magyari, Enikő (Department of Environmental and Landscape Geography, Eötvös Loránd University; MTA-MTM-ELTE Research Group for Palaeontology)

- E. HOLOCENE VEGETATION CHANGES IN SOUTHERN UKRAINE UNDER CHANGING LAND USE AND CLIMATE**
 Ganz, Kathrin - Morales-Molino, César (Institute of Plant Sciences, University of Bern; Oeschger Centre for Climate Change Research, University of Bern) - Kiosak, Dmytro (Dipartimento di Studi sull'Asia e sull'Africa Mediterranea, Università Ca' Foscari) - van Leeuwen, Jacqueline - Gobet, Erika - Tinner, Willy (Institute of Plant Sciences, University of Bern; Oeschger Centre for Climate Change Research, University of Bern)
- F. BURIED IN THE GROUND? LOOKING FOR ENVIRONMENTAL CHANGES FOR SERBIAN BANAT LATE BRONZE AGE SETTLEMENTS ABANDONMENT.**
 Estanqueiro, Marta (University College Dublin; CEAACP-Universidade de Coimbra) - Lewis, Helen (University College Dublin) - Penezić, Kristina (Biosense institute, University of Novi Sad) - Molloy, Barry (University College Dublin) - Salamon, Aleksandar (Narodni muzej Zrenjanin)

239 A LOOK BENEATH THE SURFACE: MICRO-ARCHAEOLOGICAL AND GEOARCHAEOLOGICAL APPROACHES TO THE STUDY OF OCCUPATION SURFACES

Room: Building A, room 329

Time: 8:30 - 16:00

Theme: 5. Climate Change and Socioenvironmental Perspectives

Format: Regular session

Organisers: George, Nebu (Bangor University) - Santiago Marrerro, Carlos (Universitat Pompeu Fabra) - Schumacher, Mara (Newcastle University) - Tomé, Laura (University of La Laguna)

PAPERS

- 8:30 INTRODUCTION**
- 8:45 WHAT LIES UNDER THE SURFACE AND CAN WE EXCAVATE IT PROPERLY?**
 Mallol, Carolina (Universidad de La Laguna)
- 9:00 DISCUSSION SLOT**
- 9:15 WHAT TIED THE ROOM TOGETHER: A MULTIDISCIPLINARY PERSPECTIVE ON THE FLOORS OF NEOLITHIC GÖBEKLI TEPE**
 Ögüt, Birgül (Deutsches Archäologisches Institut, Orient Abteilung) - Kinzel, Moritz (Deutsches Archäologisches Institut, Abteilung Istanbul) - Sobott, Robert (Friedrich-Alexander-Universität Erlangen-Nürnberg, Geozentrum Nordbayern, Erlangen) - Schönicke, Julia (Institut für Vorderasiatische Archäologie, Freie Universität Berlin) - Huber, Bar-

bara (Max Planck Institute for the Science of Human History, Department of Archaeology, Jena) - Clare, Lee (Deutsches Archäologisches Institut, Abteilung Istanbul)

- 9:30 LIFE THROUGH THE GEOCHEMICAL LENS: A STUDY OF THE USE OF SPACE IN A MIDDLE-IRON AGE HOUSE IN NORTHWEST WALES**
 George, Nebu (Bangor University)
- 9:45 PORTABLE X-RAY FLUORESCENCE (PXRF) ANALYSIS ON THE EARLY MEDIEVAL MOUNTAIN HUT AT BUSA DELLE VETTE, BELLUNO, ITALIAN ALPS**
 Armigliato, Alessandro - Carrer, Francesco (Newcastle University) - Cavulli, Fabio (University of Naples Federico II)
- 10:00 COMPARING SOIL GEOCHEMISTRY AND ANTHROPOGENIC PATTERNS OF BUILDINGS OF DIFFERENT FUNCTIONS AND SOCIAL ROLES ON THE ÅLAND ISLANDS, FINLAND**
 Ilves, Kristin - Holmqvist, Elisabeth (University of Helsinki)
- 10:15 DISCUSSION SLOT**
- 11:00 MODELLING MERCURY BEHAVIOUR IN POST-ROMAN INHUMATIONS AND OCCUPATIONAL SURFACES**
 Álvarez Fernández, Noemi - Martínez Cortizas, Antonio (CRETUS-EcoPast GI-1553, Facultade de Bioloxía, Universidade de Santiago de Compostela) - López Costas, Olalla (EcoPast GI-1553-CRETUS, Arqueoloxía, Facultade de Xeografía e Historia, Universidade de Santiago de Compostela; Archaeological Research Laboratory, Stockholm University; Laboratorio de Antropología Física, Facultad de Medicina, Universidad de Granada)
- 11:15 PXRF AND GEOSTATISTICS APPLIED TO OCCUPATION SURFACES TO EXPAND THE ARCHAEOLOGICAL RECORD AT SOUTHERN AFRICAN 'STONE WALLED SITES' (14TH-19TH CE)**
 Biagetti, Stefano (CaSEs Research Group, Department of Humanities, Universitat Pompeu Fabra; School of Geography, Archaeology and Environmental Studies - GAES, University of the Witwatersrand) - Alcaina-Mateos, Jonas - Ruiz-Giralt, Abel (CaSEs Research Group, Department of Humanities, Universitat Pompeu Fabra) - Lancelotti, Carla (CaSEs Research Group, Department of Humanities, Universitat Pompeu Fabra; ICREA) - Groenewald, Patricia (Department of Archaeology, University of Cape Town) - Ibañez-Insa, Jordi (Geosciences Barcelona - GEO3BCN, CSIC) - Gur-Arieh, Shira (Ludwig-Maximilians-Universität München) - Morton, Fred (Department of History, University of Botswana) - Merlo, Stefania (McDonald Institute for Archaeological Research, University of Cambridge)

- 11:30** **ARCHAEOLOGICAL CONTEXT AND REMOTE SENSING IN THE SOUTH OF IBERIAN PENINSULA: CORRELATIONS AND FIRST RESULTS**
Villalón-Torres, David (Instituto Andaluz del Patrimonio Histórico) - Montorio-Llovería, Raquel (Universidad de Zaragoza) - Cuenca-García, Carmen (NTNU University Museum) - García-Viñas, Esteban - Gómez-Morón, Auxiliadora (Instituto Andaluz del Patrimonio Histórico) - Martín-Valero, M^a Jesús - Villar-Navarro, Mercedes (Universidad de Sevilla) - González-Campos, Yolanda - Bernáldez-Sánchez, Eloísa (Instituto Andaluz del Patrimonio Histórico)
- 11:45** **DISCUSSION SLOT**
- 12:00** **BUILDING IN THE DETAIL: MICRO-STRATIGRAPHIC APPROACHES TO UNDERSTANDING NEOLITHIC STRUCTURES AT THE NESS OF BRODGAR, ORKNEY**
McKenzie, Jo (Archaeological Sciences, University of Bradford) - Card, Nick (Archaeology Institute, University of the Highlands and Islands; The Ness of Brodgar Trust)
- 12:15** **THE MICROMORPHOLOGY AND GEOCHEMISTRY OF EARTHEN HOUSE FLOORS AT OLYNTHOS, GREECE**
Schumacher, Mara (Newcastle University)
- 12:30** **SITE FORMATION PROCESSES OF THE MIDDLE PALAEO-LITHIC CAVE SITE OF ARARAT-1, ARMENIAN HIGHLANDS: A GEOARCHAEOLOGICAL APPROACH**
Sherriff, Jenni (Department of Geography, King's College London) - Rogall, Dominik (The Institute of Archaeology, The Hebrew University of Jerusalem) - Lauer, Tobias (Max Planck Institute for Evolutionary Anthropology – Department of Human Evolution, Leipzig; Terrestrial Sedimentology Research Group, Eberhard Karls University of Tübingen) - Fewlass, Helen (The Francis Crick Institute, London) - Vettese, Delphine (Histoire Naturelle de l'Homme Préhistorique - HNHP, UMR 7194, Muséum national d'Histoire naturelle - MNHN, Homme et Environnement, Equipe Nomade, CNRS, Institut de Paléontologie Humaine, Sorbonne Universités; Dipartimento degli Studi Umanistici, Sezione di Scienze Preistoriche e Antropologiche, Università degli Studi di Ferrara; Grupo de I+D+i EVOADAPTA - Evolución Humana y Adaptaciones Económicas y Ecológicas durante la Prehistoria, Dpto. Ciencias Históricas, Universidad de Cantabria) - Glauberman, Phil (Institute of Archaeology and Ethnography, National Academy of Sciences of the Republic of Armenia; Department of Early Prehistory and Quaternary Ecology, University of Tübingen) - Knul, Monika (Department of Archaeology, Anthropology and Geography, University of Winchester) - Karambaglidis, Teo (The Institute of Archaeology,

The Hebrew University of Jerusalem; Department of Geological and Mining Engineering, University of Castilla-La Mancha) - Gasparyan, Boris (Institute of Archaeology and Ethnography, National Academy of Sciences of the Republic of Armenia) - Malinsky-Buller, Ariel (The Institute of Archaeology, The Hebrew University of Jerusalem)

- 12:45** **DISCUSSION SLOT**
- 14:00** **OCCUPATION SURFACES AND USE OF SPACE AT NEOLITHIC SVINJARIČKA ČUKA: A PILOT STUDY USING SOIL MICROMORPHOLOGY**
Webster, Lyndelle - Horejs, Barbara (Austrian Archaeological Institute, Austrian Academy of Sciences) - Cereda, Susanna (University of Innsbruck)
- 14:15** **THE MICRO-STRATIGRAPHY OF CHALCOLITHIC TELLS FROM SOUTHEASTERN ROMANIA. CONSTRUCTION TECHNIQUES, RAW MATERIALS AND OCCUPATION SURFACES**
Haita, Constantin (National Museum of Romania History)
- 14:30** **DOMESTIC LIFE AT THE MICRO-SCALE: A GEOARCHAEOLOGICAL MICROCONTEXTUAL APPROACH TO CERRO DE SAN VICENTE IRON AGE VILLAGE (SALAMANCA, SPAIN)**
Tomé, Laura (Archaeological Micromorphology and Biomarkers Laboratory - AMBI Lab, Instituto Universitario de Bio-Orgánica "Antonio González", Universidad de La Laguna; Departamento de Geografía e Historia, UDI Prehistoria, Arqueología e Historia Antigua, Facultad de Geografía e Historia, Universidad de La Laguna) - Iriarte, Eneko (Departamento de Historia, Geografía y Comunicación, Área de Paleontología, Facultad de Humanidades y Comunicación, Universidad de Burgos) - Jambrina-Enríquez, Margarita (Departamento de Biología Animal, Edafología y Geología, Facultad de Ciencias, Universidad de La Laguna; Archaeological Micromorphology and Biomarkers Laboratory - AMBI Lab, Instituto Universitario de Bio-Orgánica "Antonio González", Universidad de La Laguna) - Égüez, Natalia (Archaeological Micromorphology and Biomarkers Laboratory - AMBI Lab, Instituto Universitario de Bio-Orgánica "Antonio González", Universidad de La Laguna; Departamento de Geografía e Historia, UDI Prehistoria, Arqueología e Historia Antigua, Facultad de Geografía e Historia, Universidad de La Laguna) - Herrera-Herrera, Antonio V. (Archaeological Micromorphology and Biomarkers Laboratory - AMBI Lab, Instituto Universitario de Bio-Orgánica "Antonio González", Universidad de La Laguna) - Blanco-González, Antonio (Departamento de Prehistoria, Historia Antigua y Arqueología, Área de Prehistoria, Facultad de Geografía e Historia, Universidad de Salamanca) - Mallol, Carolina (Archaeological Micromorphology and Biomarkers Laboratory - AMBI

Lab, Instituto Universitario de Bio-Orgánica "Antonio González", Universidad de La Laguna; Departamento de Geografía e Historia, UDI Prehistoria, Arqueología e Historia Antigua, Facultad de Geografía e Historia, Universidad de La Laguna; Interdisciplinary Center for Archaeology and the Evolution of Human Behaviour - ICArEHB, Universidade do Algarve, Campus de Gambelas)

14:45 DISCUSSION SLOT

15:00 SPACE ORGANISATION AND ZONE OF ACTIVITIES ON THE EARLY MEDIEVAL HOMESTEAD AT POHANSKO (CZECHIA)

Prištáková, Michaela (Department of Archaeology and Museology, Faculty of Arts, Masaryk University) - Adameková, Katarína (Department of Geological Sciences, Faculty of Sciences, Masaryk University) - Petřík, Jan (Department of Geological Sciences, Faculty of Sciences, Masaryk University) - Prokeš, Lubomír (Department of Physics, Chemistry and Vocational Education, Faculty of Education, Masaryk University)

15:15 INVESTIGATING OCCUPATIONAL SURFACES AND ARCHAEOLOGICAL RECORD FORMATION USING GROUND-PENETRATING RADAR AT A MEDIEVAL ANGKORIAN SITE, KOH KER, IN NORTHERN CAMBODIA

Attorre, Tiago (Flinders University) - Klassen, Sarah (Leiden University)

15:30 DECIPHERING NEANDERTHAL BEHAVIOURS: AN ARCHAEOSTRATIGRAPHIC AND SPATIAL INTERDISCIPLINARY APPROACH TO A HEARTH-RELATED ASSEMBLAGE FROM ABRIC DEL PASTOR (EASTERN IBERIA)

Sossa-Ríos, Santiago (Àrea de Prehistòria; Departament de Prehistòria, Arqueologia i Història Antiga; Facultat de Geografia i Història, Universitat de València) - Mayor, Alejandro (Àrea de Prehistòria; Departament de Prehistòria, Arqueologia, Història Antiga, Filologia Llatina i Filologia Grega; Facultat de Filosofia i Lletres, Universitat d'Alacant) - Bencomo, Mariel - Pérez, Leopoldo (Àrea de Prehistòria; Departament de Prehistòria, Arqueologia i Història Antiga; Facultat de Geografia i Història, Universitat de València) - Galván, Bertila (Àrea de Prehistoria; Departamento de Geografía e Historia; Facultad de Humanidades, Universidad de La Laguna) - Mallol, Carolina - Hernández, Cristo (Àrea de Prehistoria; Departamento de Geografía e Historia; Facultad de Humanidades, Universidad de La Laguna; Archaeological Micromorphology and Biomarkers Laboratory; Instituto Universitario de Bio-Orgánica Antonio González, Universidad de La Laguna) - Vaquero, Manuel (Àrea de Prehistòria; Departament d'Història i Història de l'Art; Facultat de Lletres, Universitat Rovira i Virgili; Institut Català de Paleoecologia Humana i Evolució Social - IPHES)

15:45 DISCUSSION SLOT

POSTERS

- A. FLOORS AND DEPOSITS IN LATE BRONZE AGE SETTLEMENTS IN SOUTHEASTERN HUNGARY: A MICROMORPHOLOGICAL APPROACH**
Priskin, Annamaria (Deri Muzeum) - Kovács, Gabriella (Hungarian National Museum) - Czukor, Péter (Mora Ferenc Muzeum) - Szeverényi, Vajk (Déri Muzeum)

241 ARCHAEOLOGY AS STUDY OF THE FUTURE

Room: Building R, room E414

Time: 14:00 - 18:30

Theme: 1. Archaeologists and Archaeology Here and Now

Format: Session with keynote presentation and discussion

Organisers: Meier, Thomas (Kaete Hamburger Center for Apocalyptic and Post-Apocalyptic Studies, Heidelberg University; Institute for Pre- and Protohistory, Heidelberg University) - Holtorf, Cornelius (Heritage Futures I Archaeology, School of Cultural Sciences, Linnaeus University Kalmar) - Högberg, Anders (School of Cultural Sciences | Archaeology, Faculty of Arts and Humanities, Linnaeus University Kalmar)

PAPERS

- 14:00 ARCHAEOLOGY IS ABOUT THE FUTURE!**
Meier, Thomas (University of Heidelberg, Kaete Hamburger Center for Apocalyptic and Post-Apocalyptic Studies)
- 14:15 ARCHAEOLOGY IS ALL ABOUT THE FUTURE**
Criado-Boado, Felipe (INCIPIT-CSIC)
- 14:30 ARCHAEOLOGIES OF UNIMAGINED FUTURES**
Wollentz, Gustav (The Nordic Centre of Heritage Learning and Creativity)
- 14:45 DISCUSSION SLOT**
- 15:00 ARCHAEOLOGY AND CULTURE HERITAGE AS FUTURE-MAKING PRACTICES IN THE CONTEXT OF CLIMATE CHANGE (1)**
Högberg, Anders (Linnaeus University; Palaeo-Research Institute, University of Johannesburg) - Holtorf, Cornelius (Linnaeus University)
- 15:15 ARCHAEOLOGY AND CULTURE HERITAGE AS FUTURE-MAKING PRACTICES IN THE CONTEXT OF CLIMATE CHANGE (2)**
Holtorf, Cornelius - Högberg, Anders (Linnaeus University)

- 15:30** **ARCHAEOLOGY AND ARTIFICIAL INTELLIGENCE. RELATIONS AND DEPENDENCES**
Dzbynski, Aleksander (University of Warsaw; Zurich University)
- 15:45** **DISCUSSION SLOT**
- 16:30** **ARCHAEOLOGISTS AS TIME TRAVELERS – CREATING UNIMAGINED FUTURES IN THE AGE OF THE ANTHROPOCENE**
Schönicke, Julia (Institut für Vorderasiatische Archäologie, Freie Universität Berlin)
- 16:45** **FUTURE SEASCAPES: SOME REFLECTIONS ON MARITIME HERITAGE**
Albero Santacreu, Daniel - Domínguez García, Ariana (University of the Balearic Islands)
- 17:00** **ARCHAEOLOGY AS AN IMPETUS FOR ARCHITECTURAL DESIGN**
Lengyel, Dominik - Toulouse, Catherine (BTU Brandenburg University of Technology Cottbus-Senftenberg)
- 17:15** **DOES THIS FIND TRANSFORM THE FUTURE? TAKING CARE FOR WHAT WE ENCOUNTER AT THE EDGE OF THE TROWEL.**
Waldhart, Elisabeth (Department of Archaeologies, University of Innsbruck)
- 17:30** **DISCUSSION SLOT**

250 FROM LOCAL TO MICROREGIONAL AND BEYOND: SPATIAL STRUCTURES IN AND AROUND THE EARLY MEDIEVAL CARPATHIAN BASIN

Room: Main building, room 112

Time: 14:00 - 18:30

Theme: 3. The Carpathian Basin: Integration, Mobility and Diversity

Format: Regular session

Organisers: Szenthe, Gergely (Hungarian National Museum) - Gáll, Erwin ("Vasile Pârvan" Institute of Archaeology, Bucharest) - Bugarski, Ivan (Institute of Archaeology, Belgrade)

PAPERS

- 14:00** **INTERACTIONS. THE AVARS IN THE VICINITY OF VIENNA**
Daim, Falko (Institute of Prehistoric and Historical Archaeology, University of Vienna; Institute of Medieval Research, Austrian Academy of Sciences) - Tobias, Bendeguz - Pohl, Walter (Institute of Medieval Research, Austrian Academy of Sciences) - Wang, Ke (Max Planck Institute for Evolutionary Anthropology Leipzig) - Hofmanová, Zuzana

(Max Planck Institute for Evolutionary Anthropology Leipzig; Department of Archaeology and Museology, Masaryk University, Brno) - Berner, Margit - Pany-Kucera, Doris (Department of Anthropology, Natural History Museum Vienna) - Ingrová, Pavlína (Department of Archaeology and Museology, Masaryk University, Brno) - Eggers, Sabine (Department of Anthropology, Natural History Museum Vienna) - Krause, Johannes (Max Planck Institute for Evolutionary Anthropology Leipzig)

- 14:15** **OBERLEISERBERG - FROM SUPRA-REGIONAL TO LOCAL AND BACK AGAIN**
Richards, Nina (Austrian Academy of Sciences)
- 14:30** **"SCLAVI QUI DICUNTUR QUARANTANI" - SOCIAL SYSTEMS BETWEEN AVARS AND FRANKS**
Eichert, Stefan (Natural History Museum Vienna)
- 14:45** **DISCUSSION SLOT**
- 15:00** **SPACE USE IN SYRMIA DURING THE MIGRATION AND AVAR PERIODS**
Bugarski, Ivan (Institute of Archaeology, Belgrade)
- 15:15** **BEYOND THE STRUCTURES: THE PROBLEM OF LACK OF BURIAL SITES IN EASTERN TRANSYLVANIA, NORTHERN-MUNTENIA AND -OLTENIA (7/8-10TH CENTURIES)**
Erwin, Gáll (Institute of Archaeology) - Hőgyes, Mihály Huba (Székely National Museum)
- 15:30** **CENTRES ON THE PERIPHERY: A MICRO-REGIONAL APPROACH CONCERNING THE CEMETERIES IN TRANSYLVANIA BETWEEN THE 6TH AND 8TH CENTURY**
Dobos, Alpár (National Museum of Transylvanian History - Cluj-Napoca)
- 15:45** **DISCUSSION SLOT**
- 16:30** **NETWORK OF THE EARLY AND MIDDLE AVAR AGE CHRONOLOGY**
Samu, Levente - Blay, Adrienn (Institute of Archaeological Sciences, Eötvös Loránd University)
- 16:45** **MAKE ME ONE OF THESE**
Šmalcelj Novakovic, Pia (Institute of Archaeology) - Rapan Papeša, Anita (Municipal museum Vinkovci)
- 17:00** **IN THE CONTACT ZONE: REGIONALITY IN THE AVAR AGE MIDDLE TISZA REGION**
Horváth, Ádám (Institute of Archaeological Sciences, Eötvös Loránd University)

- 17:15** **ANIMAL SKINS AS SIGNS OF SOCIAL STATUS? INTERPRETATION OF AN EARLY MEDIEVAL BURIAL CUSTOM IN EASTERN HUNGARY**
Gulyás, Bence (ELTE)
- 17:30** **EVIDENCE OF GLASS BEAD PRODUCTION IN THE "LATE AVAR" PERIOD CARPATHIAN BASIN**
Fülöp, Réka (Hungarian National Museum / Magyar Nemzeti Múzeum)
- Bajnóczi, Bernadett (Institute for Geological and Geochemical Research, Research Centre for Astronomy and Earth Sciences, Eötvös Loránd Research Network - ELKH)
- 17:45** **CHANGES IN THE COMPOSITION OF COPPER ALLOYS IN THE CARPATHIAN BASIN DURING THE LATE AVAR PERIOD**
Mozgai, Viktória (Institute for Geological and Geochemical Research, Research Centre for Astronomy and Earth Sciences, Eötvös Loránd Research Network - ELKH) - Szenthe, Gergely (Hungarian National Museum) - Villa, Igor (Centro Universitario Datazioni e Archeometria, Università di Milano Bicocca; Institute of Geology, Bern University)
- Bajnóczi, Bernadett (Institute for Geological and Geochemical Research, Research Centre for Astronomy and Earth Sciences, Eötvös Loránd Research Network - ELKH)
- 18:00** **BOUND BY BELTS. SOCIAL NETWORKS IN THE LATE AVAR PERIOD CARPATHIAN BASIN (LATE SEVENTH–EARLY NINTH CENTURY AD)**
Szenthe, Gergely - Soós, Bence (Hungarian National Museum)
- 18:15** **DISCUSSION SLOT**

252 BORDERLINE LITHICS: FROM SPATIAL PATTERNS TO SOCIAL PROCESSES DURING THE EUROPEAN NEOLITHIZATION

Room: Main building, room 34

Time: 8:30 - 15:30

Theme: 2. [Re]integration

Format: Regular session

Organisers: Denis, Solène (Masaryk University; UMR 8068 TEMPS) - Defranould, Elsa (Université Côte d'Azur; UMR 7264 CEPAM) - Kačar, Sonja (University College Dublin, School of Archaeology; UMR 5608 TRACES) - Szilágyi, Kata (Kiel University, Institute of Pre- and Protohistoric Archaeology)



PAPERS

- 8:30** **INTRODUCTION**

- 8:45** **MULTI-LAYER ANALYSIS AND THE IDENTIFICATION OF DIFFERENT BORDER[LINES]: IF ONE CROSSES THE LINE?**
Denis, Solène (Masaryk University) - Defranould, Elsa (Université Côte d'Azur, UMR 7264 CEPAM) - Kačar, Sonja (University College Dublin, School of Archaeology) - Szilágyi, Kata (Kiel University, Institute of Pre- and Protohistoric Archaeology)
- 9:00** **BETWEEN THE BALKANS AND THE MEDITERRANEAN: INTERACTIONS, INTEGRATIONS AND BORDERS DURING THE LATE MESOLITHIC AND EARLY NEOLITHIC OF SOUTH-EASTERN EUROPE**
Kacar, Sonja (University College Dublin; TRACES, UMR 5608)
- 9:15** **THE STONE INDUSTRY FROM THE LOWER VOLGA REGION SITES DURING THE NEOLITHIZATION**
Vybornov, Alexander (-) - Kulkova, Marianna (-) - Giljazov, Filat (-)
- 9:30** **MODES OF CHIPPED STONE TOOLS PRODUCTION OF THE EARLY FARMING SOCIETIES IN THE SOUTH OF THE EASTERN EUROPE**
Kiosak, Dmytro (Ca' Foscari University of Venice)
- 9:45** **UNDERSTANDING EARLY NEOLITHIC LOCAL COMMUNITIES THROUGH THEIR TECHNOLOGICAL TRADITIONS: THE DISTRIBUTION OF THE CASA MONTERO FLINT IN CENTRAL IBERIA**
Castañeda, Nuria (Universidad Autónoma de Madrid) - Herrero-Alonso, Diego (Museo Arqueológico de Cacabelos; Universidad Autónoma de Madrid) - Cabrera-Taravillo, Cristina (Universidad Autónoma de Madrid) - Tarriño, Antonio (Universidad del País Vasco/Euskal Herriko Unibertsitatea) - Consuegra, Susana - Díaz-del-Río, Pedro (Consejo Superior de Investigaciones Científicas - CSIC)
- 10:00** **DISCUSSION SLOT**
- 11:00** **OUTSIDE THE BOX – LITHIC ANALYSIS AS AN INDICATION OF EARLIEST LBK CROSSING CULTURAL BORDERLINES**
Bauer, Lisa (University of Erlangen-Nürnberg)
- 11:15** **NIGHTMARE AT THE BORDER: LIMINAL CONTACTS AND POROUS MARGINS DURING THE 6TH AND 5TH MILLENNIA IN SOUTHERN FRANCE.**
Defranould, Elsa (CEPAM - UMR7264) - Galin, Wilfrid (Paléotime; UMR5608-TRACES) - Gibaja Bao, Juan Francisco (Escuela Española de Historia y Arqueología en Roma - EEHAR-CSIC, Consejo Superior de Investigaciones Científicas)
- 11:30** **OBSIDIAN AND BLOND BALCANIC FLINT - SILEX SANS FRONTIÈRES?**
Sommer, Ulrike (Institute of Archaeology, UCL)
- 11:45** **DISCUSSION SLOT**

- 12:00** **EXCHANGE NETWORK BORDERS AND TECHNICAL TRANSFERS ACROSS NEOLITHIC MIDDLE BELGIUM AROUND 4000 BCE**
Collin, Jean-Philippe (Paris 1 University; Namur University)
- 12:15** **SOME DIAGNOSTIC PHENOMENA AMONG STONE TOOLS IN THE HUNGARIAN NEOLITHIC**
Farago, Norbert (Eotvos Lorand University, Institute of Archaeological Sciences)
- 12:30** **LITHICS AS PETRIFIED GATEWAYS BETWEEN SOCIAL-MATERIAL-TECHNOLOGICAL BORDERS**
Szilagyi, Kata (Kiel University)
- 12:45** **DISCUSSION SLOT**
- 14:00** **CHIPPED LITHICS VS POTTERY. DECIPHERING THE MATERIAL AND SOCIAL PAST IN THE NEOLITHIC OF THE POLISH TERRITORIES**
Nowak, Marek (Institute of Archaeology, Jagiellonian University, Kraków) - Wilczyński, Jarosław (Institute of Systematics and Evolution of Animals, Polish Academy of Sciences, Kraków) - Brzeska-Zastawna, Agnieszka - Zakrzeńska, Justyna (Institute of Archaeology, Jagiellonian University, Kraków)
- 14:15** **LITHIC INDUSTRIE(S) AND STYLISTIC ENTITIES DURING THE EARLY NEOLITHIC (RUBANÉ) IN THE RHINE-MEUSE-SEINE BASINS**
Allard, Pierre - Delvigne, Vincent (CNRS-UMR 8068 TEMPS)
- 14:30** **CLASSIFYING BEHAVIOUR FROM ECOLOGICAL PATTERNS. A STUDY OF DIVERSITY IN EARLY NEOLITHIC SICKLES AND BOTANICAL REMAINS IN THE IBERIAN PENINSULA**
Barrera-Cruz, María - García-Puchol, Oreto (Department of Prehistory, Archaeology and Ancient History. University of Valencia) - Cortell-Nicolau, Alfredo (Department of Archaeology. University of Cambridge) - García-Rivero, Daniel (Department of Prehistory and Archaeology. University of Seville)
- 14:45** **DISCUSSION SLOT**

254 UNDERSTANDING THE DYNAMICS OF MAKING AND TRADING GOODS ACROSS MEDIUM AND LONG DISTANCES IN THE 2ND MILLENNIUM BC

- Room:** Building A, room 39
Time: 11:00 - 18:30
Theme: 4. Polis, Empire, League and Beyond – Living in Interconnected Societies
Format: Regular session
Organisers: Roberts, Benjamin (Department of Archaeology, Durham University) - Ialongo, Nicola (Georg-August-Universität Göttingen) - Williams, Alan - Badreshany, Kamal (Department of Archaeology, Durham University)

PAPERS

- 11:00** **INTRODUCTION**
- 11:15** **"INTERLINKING EXCHANGE" : FIRST LESSONS FROM THE STUDY OF TEMPORALLY AND SPATIALLY FAR-REACHING RAW MATERIAL-EXCHANGE NETWORKS**
Kerig, Tim - Hilpert, Johanna (ROOTS cluster of excellence CAU Kiel)
- 11:30** **SCRAP FOR CASH: ASSIGNING MONEY A ROLE IN THE ECONOMY OF LATE PREHISTORIC EUROPE**
Ialongo, Nicola (University of Goettingen)
- 11:45** **DISCUSSION SLOT**
- 12:00** **DYNAMICS OF METAL PRODUCTION IN THE 2ND MILLENNIUM BC EURASIAN STEPPE**
Calgaro, Ilaria - Radivojević, Miljana - Altaweel, Mark (University College London - UCL)
- 12:15** **THE DYNAMICS AND IMPACT OF MEDIUM AND LONG DISTANCE TRADE OF METALS IN THE 2ND MILL BC EURASIAN STEPPE**
Radivojevic, Miljana (UCL Institute of Archaeology)
- 12:30** **ON THE ROAD WITH MILLET: DISPERSAL OF BROOMCORN MILLET AND THE ECOLOGY OF ITS EARLY CULTIVATION IN EUROPE**
Filipovic, Dragana (Christian Albrecht University Kiel) - Silva, Fabio Parracho - Vander Linden, Marc (Bournemouth University)
- 12:45** **DISCUSSION SLOT**
- 14:00** **BRINED STORIES IN THE BRONZE AGE EAST OF THE CARPATHIANS (ROMANIA)**
Bolohan, Neculai („Alexandru Ioan Cuza" University of Iași)

14:15 HOW SHOULD WE UNDERSTAND THE BRONZE AGE TIN TRADE IN EUROPE AND BEYOND?

Williams, Robert (Durham University) - Montesanto, Mariacarmela (University degli Studi di Firenze) - Ponting, Matthew (University of Liverpool) - Badreshany, Kamal - Roberts, Benjamin (Durham University)

14:30 CERAMIC TRANSPORT JARS AND THE EMERGENCE OF SOCIAL COMPLEXITY IN THE EARLY BRONZE AGE LEVANT

Badreshany, Kamal (Durham University)

14:45 DISCUSSION SLOT

15:00 WHAT WE THINK WE KNOW ABOUT TRADE BETWEEN THE AEGEAN AND OTHER PLACES DURING THE SECOND MILLENNIUM BC: A SUMMARY

Aulsebrook, Stephanie (University of Warsaw)

15:15 EMISSARIES, PRINCESSES AND TRINKETS: AMENHOTEP III SCARABS IN THE LATE BRONZE AGE AEGEAN AND WEST ANATOLIA

Frankovic, Filip (Institute for Prehistory, Protohistory and Near Eastern Archaeology, Heidelberg) - Matić, Uroš (Austrian Archaeological Institute)

15:30 UNDERSTANDING WESTERN EUROPE "AMBER ROUTE" IN THE 4TH TO 2ND MILLENNIA BCE

Romero Garcia, Galo - Garrido-Cordero, José Ángel (Department of Prehistory and Archaeology - University of Seville) - Odriozola, Carlos P. (Department of Prehistory and Archaeology - University of Seville; UNIARQ - University of Lisbon)

15:45 DISCUSSION SLOT

16:30 THE RISE OF SOUTH BOHEMIA: THE IMPACT OF EARLY BRONZE AGE TRADE NETWORKS

Hlásek, Daniel (Institute of Archaeology of the Czech Academy of Sciences, Prague) - Chvojka, Ondřej (Institute of Archaeology, University of South Bohemia in České Budějovice) - Ernée, Michal (Institute of Archaeology of the Czech Academy of Sciences, Prague)

16:45 TEXTILES AND TRADE DURING THE 2ND MILLENNIUM BCE: A CASE STUDY OF BRITAIN IN ITS WIDER EUROPEAN CONTEXT

Harris, Susanna (University of Glasgow)

17:00 LEAD ISOTOPES AND CHEMICAL COMPOSITION OF SILVER REVEAL DEVELOPMENTS IN THE MEDITERRANEAN METAL TRADE DURING THE BRONZE AND IRON AGES

Eshel, Tzilla (University of Haifa)

17:15 DISCUSSION SLOT

17:30 FIRST EVIDENCE OF ATMOSPHERIC TIN POLLUTION IN PREHISTORY: A PROXY TO UNDERSTAND THE PRODUCTION AND CIRCULATION OF METALS?

Silva-Sánchez, Noemí (Instituto de Ciencias del Patrimonio, Incipit-CSIC) - Martínez Cortizas, Antonio (Ecopast Research Group. Universidade de Santiago de Compostela) - Armada, Xose-Lois (Instituto de Ciencias del Patrimonio, Incipit-CSIC)

17:45 WHAT MAKES A WORKSHOP? CERAMIC PRODUCTION IN LATE BRONZE AND IRON AGE IBERIA

de Groot, Beatrijs (The University of Edinburgh)

18:00 GLOBAL COMMUNITIES IN LATE BRONZE AGE SOUTHWEST EUROPE

Diaz-Guardamino Uribe, Marta (Durham University)

18:15 DISCUSSION SLOT

POSTERS

A. BOOT-SHAPED VESSELS AND POTTERY DECORATED WITH BRONZE BUTTONS: CONTACTS BETWEEN THE DANUBE REGION AND VENETO IN THE LATE BRONZE

Jankovits, Katalin (Pázmány P. Catholic University)

257 BIG PROJECT, BIG DATA: CREATING A WEB OF KNOWLEDGE

Room: Building C, room 328

Time: 8:30 - 15:30

Theme: 6. A Decade after the 'Third Science Revolution in Archaeology'

Format: Regular session

Organisers: Plunkett, Emily (High Speed Two - HS2) - Schweitzer, Holger (Jacobs)

PAPERS

8:30 INTRODUCTION

8:45 BIG DATA AND LOTS OF DATA ARE NOT THE SAME THINGS: SMALL DATA SOURCES IN THE SOCIAL SCIENCE OF ARCHAEOLOGISTS

Aitchison, Kenneth (Landward Research Ltd)

9:00 ONE ARCHIVE, MANY WINDOWS

Green, Katie - Zoldoske, Teagan - O'Brien, Jenny (Archaeology Data Service)

- 9:15 REALLY SAYING SOMETHING? MAKING HISTORIC CHARACTERISATION MORE ACCESSIBLE**
Conway, Melissa (LUC)
- 9:30 DISCUSSION SLOT**
- 9:45 COLLECTING INFORMATION AND DEVELOPING NARRATIVES: THE USE OF DATA ON HS2 PHASE 1, UK**
Halsted, John (HS2 Ltd; Atkins)
- 10:00 METADATA FOR DISCOVERY - PLANNING FOR AN INFORMATION NETWORK**
Zoldoske, Teagan - Green, Katie - O'Brien, Jenny (Archaeology Data Service)
- 10:15 DISCUSSION SLOT**
- 11:00 ARCHAEOLOGISTS, HUNTER-GATHERERS OF DIGITAL DATA**
Urancar, Rafko (PJP d.o.o.) - Krajšek, Jure (The Celje Regional Museum) - Lipovec, Boris (Abacus BL d.o.o.)
- 11:15 OLD TECH'S NEW WAVE – WHY ARCHAEOLOGISTS SHOULD GET FAMILIAR WITH RTI ONE MORE TIME. A NEA PAPHOS EXAMPLE**
Lech, Pawel (Polish Centre of Mediterranean Archaeology, University of Warsaw) - Kłębowski, Marcin - Bełdyga, Michał - Ostrowski, Wojciech - Wilk, Łukasz (Warsaw University of Technology)
- 11:30 VISUALISING HERITAGE: USING 3D IMMERSIVE TECHNOLOGIES TO INNOVATE, DOCUMENT AND COMMUNICATE RICH NARRATIVES FOR HS2**
Wilson, Andrew - Sparrow, Thomas (University of Bradford)
- 11:45 DISCUSSION SLOT**
- 12:00 SUEDLINK – THE CHALLENGES OF MANAGING CULTURAL HERITAGE A NATIONAL INFRASTRUCTURE PROJECT IN A FEDERAL ENVIRONMENT**
Schweitzer, Holger (Jacobs)
- 12:15 THE ROLE OF BIM AND GIS IN HS2 ARCHAEOLOGICAL DATA MANAGEMENT**
Plunkett, Emily - Aryankhesal, Fred Farshid (HS2)
- 12:30 ORPHANED HERITAGE: COLLATING DATA IN A BLIND QUANTITATIVE MANNER**
Evans, Daniel (Arcadis)
- 12:45 DISCUSSION SLOT**
- 14:00 A HIDDEN STORY: HERITAGE IN THE DESIGN ENVIRONMENT**
Farr, Sarah-Jane (HS2)

- 14:15 ARCHAEOLOGY DATASETS AND MAJOR INFRASTRUCTURE PLANNING AND CONSTRUCTION**
Carver, Jay (4AD Consultants Ltd)

- 14:30 DISCUSSION SLOT**

260 WHOSE POT IS IT ANYWAY? STYLE, INFLUENCE, INTEGRATION AND MEANING IN EUROPEAN CERAMICS

Room: Building C, room 173

Time: 11:00 - 18:30

Theme: 1. Archaeologists and Archaeology Here and Now

Format: Regular session

Organisers: Hall, Derek (Independent Researcher) - Casimiro, Tania (NOVA University Lisbon) - Wennberg, Tom (Goteborgs Stadsmuseum) - Witte, Frauke (Museum of Southern Jutland)



PAPERS

- 11:00 INTRODUCTION**
- 11:15 "KERNOI" OF ENEOLITHIC-EARLY IRON AGE IN THE NORTHERN BLACK SEA REGION**
Makhortykh, Sergey - Kotova, Nadia (Institute of Archaeology Ukrainian Academy of Sciences, Kiev)
- 11:30 WHOSE URN IS IT ANYWAY?**
Kovacic, Ana (Independent researcher) - Stemberger Flegar, Kaja (PJP d.o.o.)
- 11:45 EARLY MODERN MERCURY PRODUCTION AT IDRİJA, SLOVENIA: RESULTS FROM THE EXCAVATION AT THE MERCURY ORE ROASTING SITES**
Kawashima, Takamune (Hiroshima University Museum) - Rupnik, Janez (Avgusta, d.o.o) - Hudson, Mark (Max Planck Institute for the Science of Human History) - Uchiyama, Junzo (Sainsbury Institute) - Pelloli, Claudio (Independent Researcher)
- 12:00 ACCULTURATION, ASSIMILATION, CONNECTIVITY IN THE EARLY MEDIEVAL CARPATHIAN BASIN: CASE STUDIES FROM THE POTS POINT OF VIEW**
Hajnal, Zsuzsanna (Hungarian National Museum / Magyar Nemzeti Múzeum)
- 12:15 THE INFLUENCE OF THE VISTULA TRADING ROUTE ON THE DISTRIBUTION OF CERAMIC VESSELS IN POST-MEDIEVAL POLAND**
Starski, Michal (University of Warsaw, Faculty of Archaeology)

- 12:30 A WHITER SHADE OF CLAY. MEDIEVAL AND POST-MEDIEVAL WHITEWARE POTS NORTH OF THE CARPATHIANS – AN OVERVIEW**
Trzeciński, Maciej (Instytut Archeologii i Etnologii Polskiej Akademii)
- 12:45 DISCUSSION SLOT**
- 14:00 THE (IN)VISIBLE COOKING POT: SOME THOUGHTS ON KITCHENWARES IN MEDIEVAL TARTU (ESTONIA)**
Haak, Arvi (Tartu City Museum; University of Tartu, Department of Archaeology and History)
- 14:15 UNCONSCIOUS SIGNALLING: MIGRATION AND APPROPRIATION IN THE DIVERSE POTTERY-MAKING TRADITIONS OF THE WESTERN BALKANS**
Carlton, Richard (University of Newcastle) - Djordjevic, Biljana (National Museum of Serbia in Belgrade)
- 14:30 TRANSFER OF FASHION – THE SLOW NORTH?**
Witte, Frauke (Museum of Southern Jutland)
- 14:45 THE DISTRIBUTION OF ANABAPTIST FAIENCE IN THE HABSBERG MONARCHY**
Blažková, Gabriela (AU - Institute of Archaeology of the Academy of Sciences of the Czech Republic)
- 15:00 FAIENCE PRODUCTION IN SCANDINAVIA - A BRANCH OF THE EUROPEAN TIN-GLAZED EARTHENWARE TREE**
Wennberg, Tom (Museum of Gothenburg)
- 15:15 HOW A WORKING-CLASS COMMUNITY IN 19TH CENTURY COPENHAGEN ACCESSED A GLOBAL CERAMIC STYLE – INTERPRETATIONS OF A LARGE POTTERY ASSEMBLAGE**
Keenan, Samuel (Museum of Copenhagen)
- 15:30 DISCUSSION SLOT**
- 16:30 “TRACING BACK YOUR POT”: PUNIC-ROMAN FOODWAYS AND CERAMICS AND THEIR PERMANENCE IN SOUTHERN IBERIA UNTIL NOWADAYS**
Sánchez Moral, Carmen María (Universidad Autónoma de Madrid)
- 16:45 GUESS WHO’S COMING TO DINNER? CERAMIC FORM AND STYLE IN MEDIEVAL SCOTLAND, A REFLECTION OF DIETARY CHANGE AND EXTERNAL INFLUENCE**
Hall, Derek (Independent Consultant)
- 17:00 FROM THE MEDITERRANEAN TO THE BALTIC: THE SPREAD OF USE AND PRODUCTION OF LEAD GLAZED EARTHENWARE**
Langkilde, Jesper (Roskilde Museum)

- 17:15 THE INS AND OUTS OF EUROPEAN EARLY MODERN TIN GLAZE WARE: TECHNIQUES, AESTHETICS, AND IDENTITY**
Casimiro, Tania (CFE HTC - Nova University of Lisbon)

- 17:30 DISCUSSION SLOT**

POSTERS

- A. SMALL CERAMIC VESSELS IN THE CHEESE-MAKING PROCESS - FROM THE NEOLITHIC TO THE MODERN ERA**
Zdeb, Katarzyna - Żurek, Magdalena (Institute of Archaeology Cardinal Stefan Wyszyński University in Warsaw)

268 HUMAN REMAINS: BETWEEN OBJECTS OF SCIENCE AND LIVED LIVES. TOWARD A NEW ETHICS FOR HUMAN REMAINS IN ARCHAEOLOGY

Room: Building F, room 13

Time: 8:30 - 13:00

Theme: 1. Archaeologists and Archaeology Here and Now

Format: Regular session

Organisers: Nilsson Stutz, Liv (Linnaeus University) - Mickleburgh, Hayley (Linnaeus University; Forensic Anthropology Center Texas State University) - Tarlow, Sarah (University of Leicester)

PAPERS

- 8:30 INTRODUCTION**

- 8:45 HANDLE WITH CARE. THEORET(H)ICAL ISSUES ON HUMAN REMAINS**
Nicolis, Franco (Archaeological Heritage Office Trento)

- 9:00 CARING FOR THE DEAD: COULD ETHICAL CONSIDERATIONS FROM MEDICOLEGAL CONTEXTS HELP ELUCIDATE THE ETHICS OF RESEARCH ON ARCHAEOLOGICAL HUMAN REMAINS?**
Nilsson Stutz, Liv (Linnaeus University) - Mickleburgh, Hayley (Department of Cultural Sciences, Linnaeus University, Växjö, Sweden; Forensic Anthropology Center, Texas State University)

- 9:15 WHOSE ETHICS? ARCHAEOLOGISTS, THE DEAD AND THE DIFFERENT ARCHAEOLOGICAL MENTALITIES**
Rajala, Ulla (Stockholm University)

- 9:30 DISCUSSION SLOT**

- 9:45 THE NAMES OF THE DEAD: IDENTITY, INDIVIDUALISATION AND THE ETHICS OF ANONYMITY IN EXHIBITING THE DEAD BODY**
Tarlow, Sarah (School of Archaeology and Ancient History)

- 10:00 CHALLENGES OF STUDYING POST-MEDIEVAL HUMAN REMAINS IN FINLAND**
Moilanen, Ulla - Paasikivi, Sofia (University of Turku)
- 10:15 DISCUSSION SLOT**
- 11:00 ANCIENT DNA, ETHICAL PRACTICES, AND THE ROLES OF INSTITUTIONS THAT HOLD HUMAN REMAINS: SOME COMMENTS FROM A BRAZILIAN PERSPECTIVE**
Martinez Okumura, Maria Mercedes - Raimundo, Gabriel (University of Sao Paulo)
- 11:15 BUT, YOU WILL STILL SHOW THE GRAVE IN THE NEW EXHIBITION, RIGHT?**
Nilsson, Per (The County Museum of Östergötland)
- 11:30 A MODERN-DAY „MEMENTO MORI” OR MANIFESTATIONS OF IGNORANCE – ARCHAEOLOGICAL HUMAN REMAINS ON DISPLAY**
Jastrzebska, Emilia (University of Warsaw)
- 11:45 HUMAN REMAINS IN SWEDISH MUSEUMS. A STUDY OF PRACTICES, DECISION MAKING AND THE VALUES THAT UNDERLIE THEM**
Nilsson Stutz, Liv (Linnaeus University)
- 12:00 DISCUSSION - ALEXANDER GRAMSCH**
- 12:15 DISCUSSION SLOT**

280 POTTERY AND IDENTITY IN THE EUROPEAN NEOLITHIC: THE INTERPRETATIVE PATH BETWEEN ARCHAEOLOGICAL FEATURES AND (PRE)HISTORICAL NARRATIVES

Room: Building A, room 150

Time: 8:30 - 15:30

Theme: 2. [Re]integration

Format: Regular session

Organisers: García-Martínez De Lagrán, Íñigo (UNED - National Distance Education University) - Molina Balaguer, Lluís (Universidad de Valencia) - Manen, Claire (CNRS) - Carvalho, Antonio F. (Universidade do Algarve) - Gomart, Louise (CNRS)

PAPERS

- 8:30 POTTERY IN THE CONTEXT: RAKUSHECHNY YAR EARLY NEOLITHIC CERAMIC ASSEMBLAGE (LOWER DON BASIN)**
Dolbunova, Ekaterina (-) - Mazurkevich, Andrey (-) - Kulkova, Mariana (-) - Bondetti, Manon (BioArCh, Department of Archaeology, University of York) - Meadows, John (Centre for Baltic and Scandinavian Archaeology - ZBSA, Schleswig-Holstein State Museums Foundation)

- Lucquin, Alexandre (BioArCh, Department of Archaeology, University of York) - Craig, Oliver E. (BioArCh, Department of Archaeology, University of York) - Heron, Carl P. (Department of Scientific Research, The British Museum)

8:45 SURFACE TREATMENT: A REVIEW OF THE CONCEPT AND ITS IMPLICATIONS FOR THE PRODUCTION PROCESS OF PREHISTORIC POTTERY

Díaz-Bonilla, Sara (Universitat Autònoma de Barcelona) - Clemente-Conte, Ignacio (IMF-CSIC) - Gassiot-Ballbè, Ermengol (Universitat Autònoma de Barcelona) - Rey-Lanaspa, Javier (Gobierno de Aragón) - Clop-García, Xavier (Universitat Autònoma de Barcelona)

9:00 MODELLING THE CLAY: POTTERY TECHNOLOGY DURING THE NEOLITHIC AT ELS TROCS CAVE (HUESCA, SPANISH PYRENEES)

Quevedo-Semperena, Izaro - Tejedor-Rodríguez, Cristina (Universidad de Valladolid) - Cubas Morera, Miriam (Universidad de Alcalá; Sociedad de Ciencias Aranzadi) - García Martínez de Lagrán, Íñigo (UNED, Universidad Nacional de Educación a Distancia) - Royo-Guillén, José Ignacio (Gobierno de Aragón) - Garrido Pena, Rafael (Universidad Autónoma de Madrid) - Arcusa Magallón, Héctor (Independent researcher) - Rojo-Guerra, Manuel Ángel (Universidad de Valladolid)

9:15 TECHNOLOGICAL INNOVATIONS IN THE MOUNTAINS: NEOLITHIC POTTERY IN THE WESTERN PYRENEES

Santamaria, Urko (University of the Basque Country) - Gehres, Benjamin (UMR 6566 CReAAH - CNRS - Université de Rennes 1) - Cava, Ana-Barandiaran, Ignacio - Mujika-Alustiza, José Antonio (University of the Basque Country) - Cubas, Miriam (Universidad de Alcalá. Sociedad de Ciencias Aranzadi)

9:30 TECHNOLOGICAL RECIPES DURING THE NEOLITHIC: THE POTTERY ASSEMBLAGE FROM EL PORTALÓN DE CUEVA MAYOR (ATAPUERCA, SPAIN)

Francés, Marta (Laboratio Evolución Humana, Universidad de Burgos; Área de Prehistoria, Universidad de Alcalá) - Iriarte, Eneko - Pérez-Romero, Amalia (Laboratio Evolución Humana, Universidad de Burgos) - Cubas, Miriam (Área de Prehistoria, Universidad de Alcalá) - Carrancho, Ángel (Área de Prehistoria, Universidad de Burgos) - Arsuga, Juan Luis (Centro Mixto UCM-ISCI; Universidad Complutense de Madrid) - Carretero, José Miguel (Laboratio Evolución Humana, Universidad de Burgos)

9:45 "CHOOSING MY TEMPER": NEOLITHIC POTTERY TECHNOLOGY IN THE SOUTHEAST OF THE CENTRAL PLATEAU (SPAIN)

Lozano-López, Néstor (Universidad Nacional de Educación a Distancia - UNED) - Sánchez Carro, Miguel Ángel (Universidad de Cantabria - IIIIPC) - Mingo, Alberto (Universidad Nacional de Educación a Distancia - UNED) - Cubas, Miriam (Universidad de Alcalá; Sociedad de Ciencias Aranzadi)

10:00 DISCUSSION SLOT

11:00 THE DEMISE OF THE LBK AS A TRANSFORMATION. A LOOK FROM THE PERSPECTIVE OF POTTERY. THE EXAMPLE OF LESSER POLAND

Czerniak, Lech - Michalak, Katarzyna - Połczyński, Łukasz (University of Gdańsk) - Zastawny, Albert (Archaeological Museum in Kraków)

11:15 FIRST INSIGHTS INTO POTTERY FORMING DURING THE EARLY NEOLITHIC IN THE IBERIAN PENINSULA: NEW DATA FROM EL TORO AND FRARE CAVES

Cámara Manzaneda, Javier - Clop García, Xavier (ARCHAEOM, Department of Prehistory, Universitat Autònoma de Barcelona) - García Rosselló, Jaume (ArqueoUIB, Department of Historical Sciences and Art Theory, Universitat de les Illes Balears) - Camalich Massieu, María Dolores (Department of Geography and History, Universidad de La Laguna) - Martín Còlliga, Araceli (Servei d'Arqueologia i Paleontologia, Generalitat de Catalunya) - Martín-Socas, Dimas (Department of Geography and History, Universidad de La Laguna)

11:30 POTTERY AND ROCK ART IN NORTHERN PORTUGAL AND THE LOWER DOURO BASIN. CONSIDERATIONS ON COMMUNITARIAN IDENTITIES DURING THE NEOLITHIC

Sanches, Maria (FLUP- CITCEM)

11:45 THE NEW CLASSIFICATION OF THE NEOLITHIC CERAMICS FOR TRACING THE CROSS-CULTURAL INFLUENCE IN THE MIDDLE AND LOW DNIIEPER REGION

Andriiovych, Marta (Institut für Archäologische Wissenschaften)

12:00 GEOMETRY IN POTTERY DECORATIONS AS A CULTURAL BOUNDARY PROXY

Escribá Ruiz, M^a Pilar - Jiménez-Puerto, Joaquín (Universitat de València, Facultat de Geografia i Historia)

12:15 DISCUSSION SLOT

14:00 ICONOGRAPHY, TECHNIQUES AND TOOLS OF POTTERY AS DISTINGUISHING FACTORS OF IDENTITY IN THE WESTERN MEDITERRANEAN EARLY NEOLITHIC

García-Martínez De Lagrán, Íñigo (UNED) - Molina Balaguer, Lluís (Universidad de Valencia) - Arcusa Magallón, Héctor (Independent

researcher; Arcadia-FUNGE - UVa) - Bernabeu Aubán, Joan (Universidad de Valencia) - Laborda Lorente, Rafael (Independent researcher) - Manen, Claire (CNRS) - Quevedo Semperena, Izaro - Rojo Guerra, Manuel A. (Universidad de Valladolid)

14:15 POTTERY AND IDENTITY IN THE MIDDLE NEOLITHIC: PRODUCTION AND DISTRIBUTION IN SOUTHWEST IBERIA

Neves, César (UNIARQ – Centre for Archaeology at the University of Lisbon; AAP - Association of Portuguese Archaeologists)

14:30 DWELLING WITH THE IMAGES FROM THE ANCESTORS. THE DECORATED POTTERY OF REGADAS – TUA VALLEY, NORTHERN PORTUGAL.

Teixeira, Joana (CITCEM-Transdisciplinary Research Centre «Culture, Space and Memory»/ Faculty of Arts and Humanities, University of Porto)

14:45 DISCUSSION SLOT

POSTERS

A. THE CONTRIBUTION OF CERAMIC DECORATED TO UNDERSTANDING THE DYNAMICS OF CHALCOLITHIC COMMUNITIES: BETWEEN ESTREMADURA AND ALENTEJO (PORTUGAL)

Pereira Rocha, Leonor Maria (Universidade de Évora; CEAACP/UAlg) - Branco, Gertrudes (CHAIA/ Universidade de Évora)

285 GENDER DYNAMICS AT THE DAWN OF THE CLASSICAL WORLD: AN INDIGENOUS PERSPECTIVE



Room: Building B, room 242

Time: 8:30 - 13:00

Theme: 4. Polis, Empire, League and Beyond – Living in Interconnected Societies

Format: Regular session

Organisers: Saltini Semerari, Giulia (University of Michigan) - Ferrer, Merixtell (Universitat Pompeu Fabra) - López-Bertran, Mireia (Universitat de València)

PAPERS

8:30 MERCHANTS AND WIFES. STORIES OF ROMANISATION IN PANNONIA
Szabó, Melinda (MTA - ELTE Research Group for Interdisciplinary Archaeology)

8:45 GENDER AND INTERCULTURAL DYNAMICS IN IRON AGE CAMPANIA
Cuozzo, Mariassunta (Università del Molise Italy)

- 9:00 TRACKING VARIATIONS IN GENDER-ROLE PATTERNS. WOMEN AND SOCIO-ECONOMIC DEVELOPMENTS IN CENTRAL AND SOUTHERN ITALY**
Desiderio, Anna Maria (Université Paris Nanterre; Università degli studi di Salerno) - Esposito, Arianna (Université Bourgogne Franche-Comté)
- 9:15 GENDER DYNAMICS AND THE ORIGIN OF THE POLIS IN BASILICATA**
Saltini Semerari, Giulia (University of Michigan)
- 9:30 FROM THE COLLECTIVE TO THE INDIVIDUAL: POWER AND GENDER DYNAMICS IN WESTERN SICILY, 9TH-6TH CENTURIES BC**
Ferrer-Martín, Meritxell (Universitat Pompeu Fabra)
- 9:45 THE SACRED WELL OF SANTA CRISTINA: CULT AND SYMBOLS**
Carta, Arianna (Università del Litorale di Capodistria)
- 10:00 HAVE YOU MET MY WIFE? GENDER AND LATE NURAGIC SARDINIANS**
Hayne, Jeremy (Università Cattolica del Sacre Cuore)
- 10:15 DISCUSSION SLOT**
- 11:00 ENGENDERING THE "ORIENTALIZING" KOINE: GENDER DYNAMICS AND BODILY CAPITAL IN THE EARLY IRON AGE OF SOUTHERN PORTUGAL (7TH-5TH CENTURIES BCE)**
Gomes, Francisco (University of Lisbon)
- 11:15 ENGENDERING BODIES AND OBJECTS IN PLACES OF INTERACTION IN THE EARLY IRON AGE IBERIAN PENINSULA**
López-Bertran, Mireia (Universitat de Valencia) - Vives-Ferrándiz, Jaime (Museu de Prehistòria de València)
- 11:30 CONNECTING GENDER BETWEEN ISLANDS: SOCIAL, ECONOMIC AND GENDER RELATIONS BETWEEN THE PUNIC ORBIT AND THE INDIGENOUS BALEARIC SOCIETIES (550-123 B.C.E.)**
Torres Gomariz, Octavio (Universitat d'Alacant; Universitat de Barcelona)
- 11:45 DISCUSSION SLOT**
- 12:00 JEWELLERY AND ORNAMENTATION IN ANCIENT SOUTH-EAST ITALY: AN INSIGHT INTO GENDER AND CULTURAL ENGAGEMENT FROM THE 6TH-4TH CENTURIES BC**
Newland, Tayla (University of Sydney)
- 12:15 EROTIC IMAGERY IN THE EASTERN ALPS AND ADRIATIC DURING THE 6TH/5TH CENTURY AS MANIFESTATIONS OF ELITE WOMEN'S AUTHORITY AND AGENCY.**
Nebelsick, Louis D. (Unwersytet Kardynała Stefana Wyszyńskiego w Warszawie)

- 12:30 A STUDY OF GOLD AND SILVER APPLIQUES OF SCYTHIAN GARMENTS**
Lifantii, Oksana (National Museum of History of Ukraine)

12:45 DISCUSSION SLOT

320 ARCHAEOLOGIES OF DISPLACEMENT HERITAGE, MEMORY, MATERIALITY

- Room:** Main building, room 137
Time: 16:30 - 18:30
Theme: 1. Archaeologists and Archaeology Here and Now
Format: Regular session
Organisers: Munawar, Nour A. (Brown University) - Symonds, James (University of Amsterdam - UvA)

PAPERS

- 16:30 INTRODUCTION**
- 16:45 GERMANS ON THE RUN. ON GERMAN DISPLACEMENT DURING WORLD WAR II AND ITS AFTERMATH**
de Vos, Julie (Museum Skanderborg)
- 17:00 ENVISIONING MIGRATION FLOWS IN THE LANDSCAPE: MATERIAL CULTURE AND ORAL TESTIMONIES FROM THE MIGRANT HOLDING FACILITY "REGINA PACIS" SOUTHEASTERN, ITALY**
Farina, Emma - Iacono, Francesco (Dipartimento di Storia Cultura e Civiltà, University of Bologna)
- 17:15 "EVERYTHING WAS LOST, BUT GIMMICKS REMAINED" MEMORIES AND LIVELIHOOD OF KARELIAN INTERNALLY DISPLACED PEOPLE AFTER WW II**
Kauhanen, Riku (University of Turku)
- 17:30 DISCUSSION SLOT**

321 HUMAN RESILIENCE DURING EURASIAN PALEOLITHIC AND MESOLITHIC FROM A BIOARCHAEOLOGICAL PERSPECTIVE

- Room:** Building A, room 336
Time: 8:30 - 16:00
Theme: 5. Climate Change and Socioenvironmental Perspectives
Format: Regular session
Organisers: Marin-Arroyo, Ana (EvoAdapta Group. University of Cantabria) - Cristiani, Emmanuela (DANTE Group - Sapienza University of Rome)



PAPERS

- 8:30 INTRODUCTION**
- 8:45 MODELLING ENVIRONMENTS AND CLIMATIC CONDITIONS DURING THE MIDDLE TO UPPER PALEOLITHIC TRANSITION IN NORTHERN IBERIA**
Fernández García, Mónica - Vidal-Cordasco, Marco (Grupo de I+D+i EVOADAPTA - Evolución Humana y Adaptaciones Económicas y Ecológicas durante la Prehistoria, Dpto. Ciencias Históricas. Universidad de Cantabria) - Jones, Jennifer R. (School of Natural Sciences, University of Lancashire; Grupo de I+D+i EVOADAPTA - Evolución Humana y Adaptaciones Económicas y Ecológicas durante la Prehistoria, Dpto. Ciencias Históricas. Universidad de Cantabria) - Marín-Arroyo, Ana B. (Grupo de I+D+i EVOADAPTA - Evolución Humana y Adaptaciones Económicas y Ecológicas durante la Prehistoria, Dpto. Ciencias Históricas. Universidad de Cantabria)
- 9:00 FLUCTUATIONS OF TROPHIC RESOURCES DURING THE MIDDLE TO UPPER PALAEOLITHIC IN IBERIA**
Vidal Cordasco, Marco (Grupo de I+D+i EVOADAPTA - Evolución Humana y Adaptaciones Económicas y Ecológicas durante la Prehistoria, Dpto. Ciencias Históricas. Universidad de Cantabria) - Ocio, David (Mott MacDonald Ltd) - Marín-Arroyo, Ana (EvoAdapta I+D+i Group, Dpto. Ciencias Históricas, Universidad de Cantabria)
- 9:15 THE EARLY UPPER PALEOLITHIC OCCUPATIONS AT LA GARMA A (NORTHERN IBERIA): PRELIMINARY RESULTS OF THEIR SUBSISTENCE STRATEGIES.**
Sanz Royo, Alicia - Marín-Arroyo, Ana (Grupo de I+D+i EVOADAPTA - Evolución Humana y Adaptaciones Económicas y Ecológicas durante la Prehistoria, Dpto. Ciencias Históricas. Universidad de Cantabria) - Arias Cabal, Pablo (Instituto Internacional de Investigaciones Prehistóricas de Cantabria – IIIPC - Universidad de Cantabria, Santander, Gobierno de Cantabria) - Agudo Pérez, Lucía (Grupo de I+D+i EVOADAPTA, Evolución Humana y Adaptaciones Económicas y Ecológicas durante la Prehistoria, Dpto. Ciencias Históricas. Universidad de Cantabria) - Ontañón, Roberto (Museo de Prehistoria y Arqueología de Cantabria; Instituto Internacional de Investigaciones Prehistóricas de Cantabria – IIIPC - Universidad de Cantabria, Santander, Gobierno de Cantabria)

- 9:30 LATE NEANDERTHAL SUBSISTENCE AND PALEOECOLOGY STRATEGIES AT SAN BERNARDINO CAVE (NE ITALY) DURING MIS 3**
Terlato, Gabriele (Grupo de I+D+i EVOADAPTA - Evolución Humana y Adaptaciones Económicas y Ecológicas durante la Prehistoria, Dpto. Ciencias Históricas. Universidad de Cantabria; Università degli Studi di Ferrara, Dipartimento degli Studi Umanistici, Sezione di Scienze Preistoriche e Antropologiche) - Marín-Arroyo, Ana - Fernandez Garcia, Monica (Grupo de I+D+i EVOADAPTA - Evolución Humana y Adaptaciones Económicas y Ecológicas durante la Prehistoria, Dpto. Ciencias Históricas. Universidad de Cantabria) - Jones, Jennifer (University of Central Lancashire, School of Natural Sciences; Grupo de I+D+i EVOADAPTA - Evolución Humana y Adaptaciones Económicas y Ecológicas durante la Prehistoria, Dpto. Ciencias Históricas. Universidad de Cantabria) - Peresani, Marco (Università degli Studi di Ferrara, Dipartimento degli Studi Umanistici, Sezione di Scienze Preistoriche e Antropologiche)
- 9:45 FAUNAL EXPLOITATION AT RIPARO MEZZENA (VERONA, ITALY)**
Thun Hohenstein, Ursula (University of Ferrara)
- 10:00 HOW TO ASSESS HUMAN RESILIENCE THROUGH THE PALEOLITHIC DIET**
Marín-Arroyo, Ana - Terlato, Gabriele (Grupo de I+D+i EVOADAPTA - Evolución Humana y Adaptaciones Económicas y Ecológicas durante la Prehistoria, Dpto. Ciencias Históricas. Universidad de Cantabria) - Vettese, Delphine (Grupo de I+D+i EVOADAPTA - Evolución Humana y Adaptaciones Económicas y Ecológicas durante la Prehistoria, Dpto. Ciencias Históricas. Universidad de Cantabria; Università degli Studi di Ferrara, Dipartimento degli Studi Umanistici, Sezione di Scienze Preistoriche e Antropologiche) - Fernández-García, Monica (Grupo de I+D+i EVOADAPTA - Evolución Humana y Adaptaciones Económicas y Ecológicas durante la Prehistoria, Dpto. Ciencias Históricas. Universidad de Cantabria) - Jones, Jennifer (University of Central Lancashire, School of Natural Sciences; Grupo de I+D+i EVOADAPTA - Evolución Humana y Adaptaciones Económicas y Ecológicas durante la Prehistoria, Dpto. Ciencias Históricas. Universidad de Cantabria) - Vidal-Cordasco, Marco (Grupo de I+D+i EVOADAPTA - Evolución Humana y Adaptaciones Económicas y Ecológicas durante la Prehistoria, Dpto. Ciencias Históricas. Universidad de Cantabria) - Peresani, Marco (Università degli Studi di Ferrara, Dipartimento degli Studi Umanistici, Sezione di Scienze Preistoriche e Antropologiche)
- 10:15 DISCUSSION SLOT**

- 11:00 NEANDERTHAL ECOLOGY AT LAPA DO PICAREIRO: A STABLE ISOTOPE STUDY OF UNGULATE TOOTH ENAMEL**
Carvalho, Milena (University of New Mexico; Interdisciplinary Center for Archaeology and Evolution of Human Behaviour - ICArEHB, Universidade do Algarve) - Jones, Emily (University of New Mexico) - Ellis, M. Grace (Colorado State University; Interdisciplinary Center for Archaeology and Evolution of Human Behaviour - ICArEHB, Universidade do Algarve) - Cascalheira, João - Bicho, Nuno (Interdisciplinary Center for Archaeology and Evolution of Human Behaviour - ICArEHB, Universidade do Algarve) - Benedetti, Michael (University of North Carolina Wilmington; Interdisciplinary Center for Archaeology and Evolution of Human Behaviour - ICArEHB, Universidade do Algarve) - Friedl, Lukas (University of West Bohemia; Interdisciplinary Center for Archaeology and Evolution of Human Behaviour - ICArEHB, Universidade do Algarve) - Haws, Jonathan (University of Louisville; Interdisciplinary Center for Archaeology and Evolution of Human Behaviour - ICArEHB, Universidade do Algarve)
- 11:15 LATE PLEISTOCENE SUBSISTENCE STRATEGIES AT ABRI KONTIJA 002 SITE (ISTRIA, CROATIA)**
Radovic, Sinisa (Institute for Quaternary Palaeontology and Geology, Croatian Academy of Sciences and Arts, Zagreb) - Janković, Ivor (Institute for Anthropological Research, Centre for Applied Bioanthropology, Zagreb) - Marín-Arroyo, Ana B. (Grupo de I+D+i EVOADAPTA - Evolución Humana y Adaptaciones Económicas y Ecológicas durante la Prehistoria, Dpto. Ciencias Históricas. Universidad de Cantabria)
- 11:30 THE ROLE OF MARINE RESOURCES DURING THE LAST GLACIAL MAXIMUM IN N IBERIA: RECONSTRUCTING THE SEASONAL SHELLFISH COLLECTION PATTERNS**
García-Escárczaga, Asier (Department of Human Sciences, University of La Rioja; Department of Archaeology, Max Planck Institute for the Science of Human History, Jena) - Arniz-Mateos, Rosa - Suárez-Revilla, Roberto - Gutiérrez-Zugasti, Igor (Instituto Internacional de Investigaciones Prehistóricas de Cantabria, Universidad de Cantabria, Gobierno de Cantabria, Grupo Santander) - Duarte, Elsa - de la Rasilla, Marco (Department of History, University of Oviedo)
- 11:45 USE OF PEPTIDE MASS FINGERPRINTING TO ASSESS HUMAN SUBSISTENCE BEHAVIOUR AT LA VIÑA ROCK SHELTER DURING MIS 2**
Torres-Iglesias, Leire (Grupo de I+D+i EVOADAPTA - Evolución Humana y Adaptaciones Económicas y Ecológicas durante la Prehistoria, Dpto. Ciencias Históricas. Universidad de Cantabria) - Marín-Arroyo,

Ana B. (Grupo de I+D+i EVOADAPTA - Evolución Humana y Adaptaciones Económicas y Ecológicas durante la Prehistoria, Dpto. Ciencias Históricas. Universidad de Cantabria) - Welker, Frido (Section for Ecology and Evolution, Globe Institute, University of Copenhagen) - de la Rasilla, Marco (Área de Prehistoria, Departamento de Historia, Facultad de Filosofía y Letras, Universidad de Oviedo)

- 12:00 MIDDLE AND UPPER PALEOLITHIC SETTLEMENT OF THE BALKANS INTERIOR DURING THE COLD PERIODS**
Mihailovic, Dusan (University of Belgrade, Faculty of Philosophy) - Bogičević, Katarina (University of Belgrade - Faculty of Mining and Geology) - Dimitrijević, Vesna - Milošević, Stefan (University of Belgrade - Faculty of Philosophy) - Nenadić, Draženko (University of Belgrade - Faculty of Mining and Geology) - Roksandic, Mirjana (University of Winnipeg)
- 12:15 EDGE DELINEATION AS A CLUE FOR THE EVOLUTION, ADAPTATION AND SPECIALISATION OF QUINA SCRAPERS IN THE LEVANT AND WESTERN EUROPE**
Zupancich, Andrea (Archaeology of Social Dynamics Institución Milá y Fontanals, Barcelona; DANTE - Diet and Ancient Technology Laboratory, Sapienza Università di Roma) - Barkai, Ran - Gopher, Avi (Department of Archaeology and Near Eastern Cultures Tel-Aviv University)
- 12:30 ON TEETH, STONES, AND PLANTS. EVIDENCE OF PLANT FOOD CONSUMPTION AMONG PALAEOLITHIC AND MESOLITHIC FORAGERS OF ITALY AND THE BALKANS**
Cristiani, Emanuela (Depart. of Odontostomatology and Maxillo-Facial Sciences; DANTE-Diet and Ancient Technology Laboratory, Sapienza University of Rome) - Zupancich, Andrea (DANTE-Diet and Ancient Technology Laboratory, Sapienza University of Rome; Institución Milá y Fontanals, Barcelona, Consejo Superior de Investigaciones Científicas - IMF-CSIC) - Carra, Marialetizia (DANTE-Diet and Ancient Technology Laboratory, Sapienza University of Rome) - Borić, Dušan (Department of Environmental Biology, Sapienza University of Rome; New York University)
- 12:45 DISCUSSION SLOT**
- 14:00 DIETARY RECONSTRUCTION FOR NEANDERTALS AND UPPER PALEOLITHIC MODERN HUMANS: A REVIEW FROM OCCLUSAL MOLAR MICROWEAR TEXTURE ANALYSIS**
Estalrich, Almudena (Grupo de I+D+i EVOADAPTA - Evolución Humana y Adaptaciones Económicas y Ecológicas durante la Prehistoria,

Dpto. Ciencias Históricas. Universidad de Cantabria; Department of Anthropology. University of Arkansas)

- 14:15** **MIGRATION, DIET AND HEALTH OF THE FIRST PERMANENT SETTLERS OF BELGIUM FROM A BIOARCHAEOLOGICAL PERSPECTIVE**
Halbrucker, Éva - Dhaenens, Maarten - Boeckx, Pascal - Costa Rodriguez, Marta (Ghent University) - Vandersloot, Pierre (Agence Wallone du Patrimoine) - De Grootte, Isabelle - Crombé, Philippe (Ghent University)
- 14:30** **CARBON AND NITROGEN ISOTOPIC VARIABILITY IN HUMAN DIET AND ITS IMPLICATION FOR EVALUATING RESILIENCE DURING THE HOLOCENE IN NORTHERN IBERIA**
González Rabanal, Borja - Marín-Arroyo, Ana B. (Grupo de I+D+i EVO-ADAPTA - Evolución Humana y Adaptaciones Económicas y Ecológicas durante la Prehistoria, Dpto. Ciencias Históricas. Universidad de Cantabria) - González Morales, Manuel R. (Instituto Internacional de Investigaciones Prehistóricas de Cantabria. Universidad de Cantabria)
- 14:45** **HUMAN DIET AND MOBILITY IN CENTRAL ITALY FROM THE UPPER PALAEOLITHIC TO THE NEOLITHIC: DENTAL REMAINS FROM GROTTA CONTINENZA**
Boric, Dusan (Sapienza University of Rome; New York University) - Cristiani, Emanuela (Sapienza University of Rome) - Price, Doug (University of Wisconsin, Madison) - Nava, Alessia (Kent University) - Bondioli, Luca (Museo delle Civiltà, Roma) - Coppa, Alfredo (Sapienza University of Rome)
- 15:00** **PLANT-HUMAN INTERACTIONS AMONG LEVANTINE PRE-AGRICULTURAL COMMUNITIES REVEALED THROUGH GROUND STONE TOOLS AND DENTAL CALCULUS ANALYSES**
Zupancich, Andrea (Archaeology of Social Dynamics Institución Milá y Fontanals, Barcelona; DANTE- Diet and Ancient Technology Laboratory, Sapienza Università di Roma) - Cristiani, Emanuela (DANTE- Diet and Ancient Technology Laboratory, Sapienza Università di Roma) - Gopher, Avi (Department of Archaeology and Near Eastern Cultures Tel-Aviv University)
- 15:15** **FORAGER VS. EARLY FARMER LIFEWAYS IN THE BALKANS REVEALED THROUGH TIME-RESOLVED RECORDS IN TEETH**
Boric, Dusan (Sapienza University of Rome; New York University) - Nava, Alessia (Kent University) - Peripoli, Beatrice (University of Padova) - Price, Doug (University of Wisconsin, Madison) - Bondioli, Luca (Museo delle Civiltà, Roma) - Müller, Wolfgang (Goethe University)

15:30 DISCUSSION SLOT

330 SUSTAINABILITY IN ARCHAEOLOGY AND TODAY: AN INTERDISCIPLINARY APPROACH

- Room:** Main building, room 11
Time: 14:00 - 18:30
Theme: 5. Climate Change and Socioenvironmental Perspectives
Format: Regular session
Organisers: Civilyte, Agne (Lithuanian Institute of History) - Zubrow, Ezra (New York State University of Buffalo)

PAPERS

- 14:00** **AN INTRODUCTION TO AN INTERDISCIPLINARY APPROACH TO SUSTAINABILITY**
Goldstein, Lynne (Michigan State University - Retired)
- 14:15** **REVERSE ENGINEERING, SUSTAINABILITY AND ARCHAEOLOGY**
Zubrow, Ezra (University at Buffalo; University of Cambridge) - Lindström, Torill (University of Bergen)
- 14:30** **"DIG DEEP, THINK BIG": ARCHAEOLOGY AS CLIMATE ACTION**
Riel-Salvatore, Julien - Burke, Ariane (Université de Montréal) - Lyon, Christopher (McGill University)
- 14:45** **THE ANIMALS OF OLD EUROPE. THE BREAKDOWN OF THE NEOLITHIC MODEL OF SUSTAINABILITY**
Marciniak, Arkadiusz (Adam Mickiewicz University, Poznań)
- 15:00** **NATURE AND NURTURE: EXPLORING APPROACHES TO LANDSCAPE MANAGEMENT IN THE LATE BRONZE AGE SOUTHEASTERN BALTIC**
Minkevicius, Karolis - Piličiauskienė, Giedrė - Podėnas, Vytenis - Micelicaitė, Viktorija - Čivilytė, Agnė (Lithuanian Institute of History)
- 15:15** **DIET IN BRONZE AGE EUROPE AS REVEALED BY ZONOTIC PARASITES FROM SEDIMENTS AND COPROLITES**
Ledger, Marissa (Faculty of Medicine and Dentistry, University of Alberta; Department of Archaeology, University of Cambridge) - Grimshaw, Elisabeth - Fairey, Madison (Department of Archaeology, University of Cambridge) - Ballantyne, Rachel (McDonald Institute for Archaeological Research, University of Cambridge; School of Archaeology, University of Oxford) - Knight, Mark (Cambridge Archaeological Unit, University of Cambridge) - Mitchell, Piers (Department of Archaeology, University of Cambridge)

- 15:30 TOWARDS SAFE AND SUSTAINABLE FOOD**
Zabulione, Aelita - Šalaševičienė, Alvija (Kaunas University of Technology) - Alvalade Ximenes, Alexander A. (Columbia University in the City of New York) - Urbonaitė-Ubė, Miglė (Klaipėda university) - Bertušius, Mindaugas (Kaunas university of technology) - Čivilytė, Agnė (Lithuanian institute of history)
- 15:45 DISCUSSION SLOT**
- 16:30 A LONG VIEW OF THE ENVIRONMENTAL EFFECTS OF COPPER PRODUCTION**
Fregni, Elpidia Giovanna (No affiliation)
- 16:45 CHARACTERIZATION OF HEAVY METALS FROM PHOSPHATE ROCKS**
Nzihou, Ange - Lyczko, Nathalie (IMT Mines albi)
- 17:00 INSIGHTS ON TOXIC METALS AND THEIR IMPACT ON THE ENVIRONMENT AND HUMAN HEALTH IN THE BRONZE AGE**
Civilyte, Agne (Lithuanian institute of History)
- 17:15 WASTE OR NO WASTE. THE BENEFITS OF GOOD ORGANIC PRESERVATION IN WELLS**
Staeuble, Harald (Archaeological Heritage Office Saxony)
- 17:30 RECYCLING OF METAL IN BRONZE AGE. AN OVERVIEW OF SUSTAINABILITY PHENOMENON RELATED TO THE HUMAN BEHAVIOUR**
Delfino, Davide (Geoscience Center of University of Coimbra)
- 17:45 HISTORICAL CHARCOAL PRODUCTION: ARCHAEOLOGY, ECOLOGY AND ECONOMY**
Nelle, Oliver (Landesamt für Denkmalpflege im Regierungspräsidium Stuttgart)
- 18:00 DISCUSSION SLOT**

336 EXPERIMENTAL APPROACHES TO PALAEOLITHIC AND MESOLITHIC ARCHAEOLOGY

Room: Main building, room 11

Time: 8:30 - 13:00

Theme: 1. Archaeologists and Archaeology Here and Now

Format: Regular session

Organisers: Bentsen, Silje (Nordland County Council; School of Geography, Archaeology and Environmental Studies, University of the Witwatersrand) - Milks, Annemieke (University of Reading; University College London)



PAPERS

- 8:30 INTRODUCTION**
- 8:45 A WHIRLWIND HISTORY OF EXPERIMENTAL APPROACHES TO THE PLEISTOCENE ARCHAEOLOGICAL RECORD**
Milks, Annemieke (University of Reading, Department of Archaeology)
- 9:00 WERE MIDDLE PALAEOLITHIC SHELL BEADS USED AS ORNAMENTS: AN EXPERIMENTAL ENQUIRY**
Bar-Yosef, Daniella (Tel Aviv University) - Groman-Yaroslavski, Iris (University of Haifa)
- 9:15 FROM LAB TO KITCHEN: TEACHING EXPERIMENTAL ARCHAEOLOGY DURING LOCK-DOWN**
Bentsen, Silje (Nordland County; School of Geography, Archaeology and Environmental Studies, University of the Witwatersrand) - Nel, Turid (SFF Centre for Early Sapiens Behaviour, University of Bergen)
- 9:30 ART EXPERTICESHIP, PERCEPTION AND MOTOR INTEGRATION IN PALAEOLITHIC ART. AN EXPERIMENTAL ANALYSIS**
Rivero, Olivia - García-Bustos, Miguel - García, Paula (University of Salamanca) - Garate, Diego (University of Cantabria)
- 9:45 BY THE NUMBERS. COMBINING ATTRIBUTE ANALYSIS AND EXPERIMENTAL ARCHAEOLOGY TO RECONSTRUCT KNAPPING TECHNIQUES**
Posch, Caroline (Naturhistorisches Museum Wien) - Ott, Martina - Meusburger, Katharina (Pädagogische Hochschule Vorarlberg)
- 10:00 A NEW METHOD FOR BIRCH TAR MAKING USING MATERIALS AVAILABLE IN THE STONE AGE**
Koch, Tabea (Université Côte d'Azur, CNRS, CEPAM, Nice; University of York, Department of Archaeology; Eberhard Karls Universität Tübingen, Department of Early Prehistory and Quaternary Ecology)
- 10:15 DISCUSSION SLOT**
- 11:00 FOUR DIFFERENT EXPERIMENTAL METHODS OF PRODUCING WOOD TAR IN THE MIDDLE PALEOLITHIC - IN SEARCH OF THE EASIEST WAY**
Piotrowska, Beata (Adam Mickiewicz University Poznań)
- 11:15 STUDY OF THE DISTRIBUTION OF PINUS REMAINS IN THE IBERIAN PENINSULA BY EXPERIMENTAL CHARRING**
Garay Palacios, Blanca (Universitat Autònoma de Barcelona) - Berihuete Azorín, Marian (IPHES) - Piqué Huerta, Raquel (Universitat Autònoma de Barcelona)

- 11:30 THE VALUE OF INDUCTIVE REASONING IN EXPERIMENTAL ARCHAEOLOGY**
Schenck, Tine - Groom, Peter (Mesolithic Resource Group)
- 11:45 DISCUSSION SLOT**
- 12:00 STICKS AND STONES CANNOT ONLY BREAK BONES. USING DIGGING STICKS FOR UNDERGROUNDS STORAGE ORGANS FORAGING**
Lopez-Bulto, Oriol (Department of Prehistory, Universitat Autònoma de Barcelona) - Berihuete-Azorín, Marian (Institut Català de Paleoecologia Humana i Evolució Social - IPHES-CERCA; Universitat Rovira i Virgili - URV, Àrea de Prehistòria)
- 12:15 LOOKING FOR WORKSHOP AREAS AT THE GRAVETTIAN PALIMPSEST SITE? AN EXPERIMENTAL APPROACH**
Novák, Martin (Institute of Archaeology of the CAS, Brno) - Ourodová, Anna-Marie (University of Hradec Králové, Faculty of Arts, Department of Archaeology) - Chlachula, Dominik (Institute of Archaeology of the CAS, Brno)
- 12:30 HUNTING STRATEGY AND PROJECTILE TECHNOLOGY DURING THE DISPERSALS OF MODERN HUMANS INTO ASIA: AN EXPERIMENTAL APPROACH**
Takakura, Jun (Archaeological Research Center, Hokkaido University) - Yamaoka, Takuya (Faculty of Humanities and Social Sciences, Shizuoka University)
- 12:45 DISCUSSION SLOT**

POSTERS

- A. PALAEOOLITHIC BIRCH BARK TAR PRODUCTION IN MOUND STRUCTURES**
Schenck, Tine - Groom, Peter (Mesolithic Resource Group)

337 ARCHAEOLOGY MATTERS. THE NEED TO RE-DEFINE THE RELEVANCE OF ARCHAEOLOGY

Room: Building A, room 39

Time: 8:30 - 10:30

Theme: 1. Archaeologists and Archaeology Here and Now

Format: Round table

Organisers: Banffy, Eszter (German Archaeological Institute) - Carver, Martin (University of York) - von Rummel, Philipp (German Archaeological Institute)



At EAA 2021 a round table was held on the future of archaeological research in the light of ERC's Horizon Europe. A proposal to align with the UN SDGs was sympathetically discussed but without defining a clear way forward. Now we propose to

discuss three more particular objectives: how can archaeology bridge STEM and SHAPE disciplines; how can archaeology best address the current climate change crisis – and how can archaeology gain more visibility and a more opinion-forming role in society?

As an area of research that deploys both STEM and SHAPE disciplines we are well placed to advance a broad agenda that can embrace many new projects suitable for funding by Horizon Europe and elsewhere.

The Round Table plans to address these questions (among others):

1. How can EAA help promote the social, political and environmental value of archaeology?
2. How can we enhance cooperation between archaeologists, scientists and heritage managers to ensure that our joint research results in beneficial social and environmental action?
3. How can we better inform and include the general public about archaeology's current contribution to the past history of the world, and how it can serve its future?
4. How can we restructure archaeology to serve these goals more clearly? The young are already sensitive to the needs of the planet. Can archaeology degree courses offer a more certain feeling of engagement in its future? Can grant giving bodies, including ERC, reflect the global needs of research in their panels, rather than representing existing single disciplines?
5. How should we promote a bold new effective and collegiate attitude to STEM/SHAPE combinations in research and teaching?

339 “MORE THAN JUST BONES” - UNDERSTANDING PAST HUMAN ADAPTION AND BEHAVIOUR THROUGH THE STUDY OF HUMAN REMAINS

Room: Building A, room 47

Time: 8:30 - 18:30

Theme: 5. Climate Change and Socioenvironmental Perspectives

Format: Regular session

Organisers: László-Mateovics, Orsolya (Hungarian National Museum) - Hajdu, Tamás (Department of Anthropology, Eötvös Loránd University) - Novak, Mario - Janković, Ivor (Centre for Applied Bioanthropology, Institute for Anthropological Research)

PAPERS

- 8:30 LATE AVAR PERIOD BURIAL GROUND OF ŠARENGRAD - KLOPARE: (BIO) ARCHAEOLOGICAL AND ISOTOPIC STUDY**
Novak, Mario (Centre for Applied Bioanthropology, Institute for Anthropological Research, Zagreb) - Rimpf, Andrea (Ilok Town Museum, Ilok) - Rapan-Papeša, Anita (Vinkovci Municipal Museum, Vinkovci) - Dizdar, Marko (Institute of Archaeology, Zagreb) - Toyne, J. Marla (Department of Anthropology, University of Central Florida)
- 8:45 BURY ME WHERE MY ARROW FALLS. NEW CONSIDERATIONS ON EARLY MEDIEVAL BURIALS WITH COMPOSITE BOWS EXCAVATED IN MODERN-DAY VIENNA, AUSTRIA**
Tobias, Bendeguz (Österreichische Akademie der Wissenschaften - Institut für Mittelalterforschung) - Pany-Kucera, Doris (Naturhistorisches Museum Wien - Anthropologische Abteilung) - Klostermann, Paul (Österreichische Akademie der Wissenschaften - Institut für Mittelalterforschung; Naturhistorisches Museum Wien - Anthropologische Abteilung) - Özyurt, Jasmin (Österreichische Akademie der Wissenschaften - Institut für Mittelalterforschung) - Berner, Margit (Naturhistorisches Museum Wien - Anthropologische Abteilung)
- 9:00 HORSE-RIDING AND BONES - BIOARCHAEOLOGICAL ANALYSIS OF BURIALS FROM AVAR PERIOD AND HUNGARIAN CONQUEST PERIOD IN BODAJK (HUNGARY)**
Libor, Csilla (Szent István Király Museum) - Kiss, Krisztián (Department of Biological Anthropology, Eötvös Loránd University; Department of Anthropology, Hungarian Natural History Museum) - Szeniczey, Tamás (Department of Biological Anthropology, Eötvös Loránd University) - Szücsi, Frigyes (Szent István Király Museum)
- 9:15 WEAVING THROUGH MEDIEVAL YPRES: DENTAL MARKERS OF ACTIVITY IN A HIGH MEDIEVAL URBAN POPULATION**
Jackson, Veronica (Historical Research Into Urban Transformation Processes Research Unit, Vrije Universiteit Brussel; Anatomical Research and Clinical Studies, Vrije Universiteit Brussel; Maritime Cultures Research Institute, Dept. of Art Sciences & Archaeology, Vrije Universiteit Brussel) - Spros, Rachèl (Analytical, Environmental & Geo-Chemistry, Dept. of Chemistry, Vrije Universiteit Brussel; Maritime Cultures Research Institute, Dept. of Art Sciences & Archaeology, Vrije Universiteit Brussel) - Veselka, Barbara (Analytical, Environmental & Geo-Chemistry, Dept. of Chemistry, Vrije Universiteit Brussel) - Provyn, Steven - Snoeck, Thyl (Anatomical Research and Clinical Studies, Vrije Universiteit Brussel) - Claeys, Philippe (Analytical, Environmental &

Geo-Chemistry, Dept. of Chemistry, Vrije Universiteit Brussel) - Snoeck, Christophe (Analytical, Environmental & Geo-Chemistry, Dept. of Chemistry, Vrije Universiteit Brussel; Maritime Cultures Research Institute, Dept. of Art Sciences & Archaeology, Vrije Universiteit Brussel) - Lambert, Bart (Historical Research Into Urban Transformation Processes Research Unit, Vrije Universiteit Brussel)

- 9:30 TOOLS AND HABITS - STUDY OF SKELETAL EVIDENCE FOR SPECIAL ACTIVITIES IN PAST POPULATIONS FROM HUNGARY**
László-Mateovics, Orsolya (Hungarian National Museum / Magyar Nemzeti Múzeum) - Látos, Katalin (National Archaeological Institute, Hungarian National Museum) - Libor, Csilla (Szent István Király Museum) - Schilling, László (National Archaeological Institute, Hungarian National Museum)
- 9:45 THE PATTERNS AND ETIOLOGY OF SKELETAL TRAUMA IN AVAR PERIOD COMMUNITIES**
Djucic, Ksenija - Milovanovic, Petar - Mikasinovic, Veda - Pavlovic, Tamara - Djuric, Marija (Laboratory of Bone Biology and Bioanthropology, Faculty of Medicine, Belgrade)
- 10:00 DISCUSSION SLOT**
- 11:00 LIFE AT THE BORDER OF VENETIAN REPUBLIC AND OTTOMAN EMPIRE - BIOARCHAEOLOGICAL ASPECTS**
Bedic, Željka (Croatian Academy of Sciences and Arts) - Šučur, Jure (University of Zadar)
- 11:15 CONTINUITY AND/OR IMMIGRATION? – BIOLOGICAL CONNECTIONS OF EARLY AND MIDDLE BRONZE POPULATIONS IN THE NORTHWESTERN PART OF THE CARPATHIAN BASIN**
Szeniczey, Tamás (Department of Biological Anthropology, Institute of Biology, Eötvös Loránd University, Budapest) - Melis, Eszter - Köhler, Kitti - Kiss, Viktória (Institute of Archaeology, Research Centre for the Humanities, Eötvös Loránd Research Network, Budapest) - Major, István - Horváth, Anikó (Isotope Climatology and Environmental Research Centre, Institute for Nuclear Research, Eötvös Loránd Research Network, Debrecen) - Kiss, Krisztián (Department of Biological Anthropology, Institute of Biology, Eötvös Loránd University, Budapest; Department of Anthropology, Hungarian Natural History Museum, Budapest) - Gémes, Anett (Department of Biological Anthropology, Institute of Biology, Eötvös Loránd University, Budapest) - Jakab, Július (Institute of Archaeology, Slovak Academy of Sciences, Nitra) - Hajdu, Tamás (Department of Biological Anthropology, Institute of Biology, Eötvös Loránd University, Budapest)

- 11:30 CRANIOMETRIC ANALYSIS OF THE 9-13TH CENTURY - POPULATION HISTORY OF THE DANUBE-TISZA INTERFLUVE**
Kiss, Krisztián (Department of Biological Anthropology, Eötvös Loránd University; Department of Anthropology, Hungarian Natural History Museum) - Mészáros, Boglárka (Department of Prehistory and the Migration Period, Aquincum Museum and Archaeological Park) - Gyenesi, Katalin - Gémes, Anett (Department of Biological Anthropology, Eötvös Loránd University) - Rácz, Zsófia (Institute of Archaeological Sciences, Eötvös Loránd University) - Rácz, Tibor (Archaeological Collection, Ferenczy Museum Center) - Tóth, Zoltán (Department of Archaeology, István Dobó Castle Museum) - Révész, László (Department of Archaeology, University of Szeged; Department of Archaeology, Hungarian National Museum) - Hajdu, Tamás - Szeniczey, Tamás (Department of Biological Anthropology, Eötvös Loránd University)
- 11:45 DENTAL WEAR CHANGES IN THE PAST ~8000 YEARS**
Godinho, Ricardo Miguel (ICArEHB, University of Algarve) - Umbelino, Cláudia (CIAS, University of Coimbra; ICArEHB, University of Algarve) - Relvado, Cláudia (ICArEHB, University of Algarve) - Garcia, Susana (ISCSP, University of Lisbon; Museum of Natural History and Science) - Gonçalves, Célia (ICArEHB, University of Algarve)
- 12:00 DIETARY INFERENCES THROUGH DENTAL TOPOGRAPHY IN PREHISTORIC AND HISTORIC POPULATIONS FROM THE SOUTHEAST OF THE IBERIAN PENINSULA**
Moya Soriano, Ester (Institute for Research in Archaeology and Historical Heritage - INAPH, University of Alicante) - Romero, Alejandro (Institute for Research in Archaeology and Historical Heritage - INAPH, University of Alicante; Department of Biotechnology, University of Alicante) - García Atiénzar, Gabriel (Institute for Research in Archaeology and Historical Heritage - INAPH, University of Alicante)
- 12:15 AGING CHANGES IN MAXILLARY BODY HEIGHT IN A MEDIEVAL POPULATION FROM CENTRAL EUROPE**
Walczak, Anna - Krenz-Niedbała, Marta - Łukasik, Sylwia (Adam Mickiewicz University in Poznań, Faculty of Biology, Institute of Human Biology and Evolution)
- 12:30 INSIGHT INTO SOCIAL DIFFERENTIATION OF THE BELL BEAKERS: AN EXAMPLE ON BIOARCHAEOLOGICAL DATA FROM POPŮVKY CEMETERY (CZECH REPUBLIC)**
Tvrdý, Zdenek (Anthropos Institute, Moravian Museum, Brno) - Čerevková, Alžběta (Institute of Archaeology, Moravian Museum, Brno) - Drtikolová Kaupová, Sylva (Department of Anthropology, National Museum in Prague) - Jarošová, Ivana (Freelancer in anthropology)

- 12:45 DISCUSSION SLOT**
- 14:00 THE SEX-SPECIFIC VARIATIONS IN THE HEALTH STATUS OF THE POPULATION FROM A SMALL LATE ROMAN ISLAND BURIAL SITE IN CROATIA**
Zagorc, Brina (Department of Evolutionary Anthropology, University of Vienna; Human Evolution and Archaeological Sciences - HEAS, University of Vienna) - Carić, Mario - Novak, Mario (Centre for Applied Bioanthropology, Institute for Anthropological Research, Zagreb) - Visković, Eduard (Kantharos d.o.o., Hvar) - Reich, David (Department of Human Evolutionary Biology, Harvard University; Howard Hughes Medical Institute, Harvard Medical School; Broad Institute of Harvard and MIT) - Pinhasi, Ron (Department of Evolutionary Anthropology, University of Vienna; Human Evolution and Archaeological Sciences - HEAS, University of Vienna)
- 14:15 SURVIVAL OF THE WEAKEST. A CASE OF DISABILITY IN THE LATE ROMAN CITY OF IBIDA (SLAVA RUSĂ, ROMANIA)**
Soficaru, Andrei - Crețu, Ciprian (Institute of Anthropology, Romanian Academy)
- 14:30 THE EFFECTS OF SOCIAL INEQUALITY IN THE ZAPOTEC CHILDREN FROM MONTE ALBÁN DURING THE CLASSIC PERIOD (200-700 AD)**
Camacho, Miriam (Physical Anthropology)
- 14:45 SOCIAL IDENTITY OF LATE MESOLITHIC CHILDREN FROM YUZHNIY OLENIY OSTROV IN LIGHT OF NEW ANTHROPOLOGICAL APPROACHES**
Batanina, Olga (University of Helsinki) - Stewart, Nicolas (University of Brighton) - Murphy, Eileen (Queen's University Belfast) - Zubova, Alisa (-) - Moiseyev, Vyacheslav (-) - Mannermaa, Kristiina (University of Helsinki)
- 15:00 SUBADULT HEALTH AND DISEASES IN THE MEDIEVAL AND EARLY MODERN PERIOD POPULATION FROM GORA, CROATIA**
Kokotovic, Tea (The Institute of Archaeology in Zagreb) - Bedić, Željka (Anthropological Centre, Croatian Academy of Sciences and Arts) - Sirovica, Filomena (Archaeological Museum in Zagreb) - Belaj, Juraj (The Institute of Archaeology in Zagreb)
- 15:15 A BIOARCHAEOLOGICAL STUDY OF HOW CREMATION WAS PRACTICED ACROSS MULTIPLE CENTURIES AT A BRONZE AGE CEMETERY**
Ullinger, Jaime (Quinnipiac University) - Paja, László (University of Szeged) - Williamson, Kylie (University of Florida) - Danella, Erika (University of Michigan) - Cruz, Heleinna (Quinnipiac University) - Ramireddy, Pranavi (California University of Science and Medicine) - Duffy, Paul (University of Kiel) - Giblin, Julia (Quinnipiac University) - Pardička, Györgyi (University of Michigan)

- 15:30 DISCUSSION SLOT**
- 16:30 REVISITING THE “NORTHERN IBERIANS” RITUAL PRACTICES FROM NON-INCINERATED HUMAN REMAINS IN THE NE OF THE IBERIAN PENINSULA (4TH-1ST CENTURY BC)**
Petit-Castellví, Alba - Subirà, Maria Eulàlia (Unitat d'Antropologia Biològica, Departament de Biologia Animal, de Biologia Vegetal i d'Ecologia, Facultat de Biociències, Universitat Autònoma de Barcelona, Bellaterra, Cerdanyola del Vallés) - Agustí, Bibiana (INSITU S.C.P. Centelles, Barcelona)
- 16:45 BIOARCHEOLOGICAL EVIDENCE OF THE STEPPE NOMAD'S PRESENCE IN BRONZE AGE MONTEORU CULTURE CEMETERIES**
Constantinescu, Mihai (Fr. I. Rainer Institute of Anthropology; University of Bucharest) - Chicideanu, Monica (University of Bucharest)
- 17:00 THE ANTHROPOLOGICAL STUDY OF HUMAN REMAINS FROM THE BURIAL CAVES OF POLLA, SALERNO (ITALY) BETWEEN THE NEOLITHIC AND ENEOLITHIC PERIOD**
Guglielmi, Sandra - Minelli, Antonella (Università degli Studi del Molise)
- 17:15 OLD BONES – NEW POSSIBILITIES. HUMAN REMAINS FROM SETTLEMENT PITS AT MIDDLE BRONZE AGE TISZAFÜRED-MAJOROSHALOM (EASTERN HUNGARY) SITE**
Gémes, Anett (Department of Biological Anthropology, Institute of Biology, Eötvös Loránd University, Budapest) - Mester, Edit (Kiss Pál Museum, Tiszafüred) - Dani, János (Déri Museum, Debrecen) - Gál, Erika (Research Centre for the Humanities, Institute of Archaeology, Budapest) - Szeniczey, Tamás (Department of Biological Anthropology, Institute of Biology, Eötvös Loránd University, Budapest) - Kiss, Krisztián (Department of Biological Anthropology, Institute of Biology, Eötvös Loránd University, Budapest; Department of Anthropology, Hungarian Natural History Museum, Budapest) - Szeverényi, Vajk (Déri Museum, Debrecen) - Kulcsár, Gabriella - Kiss, Viktória (Research Centre for the Humanities, Institute of Archaeology, Budapest) - Hajdu, Tamás (Department of Biological Anthropology, Institute of Biology, Eötvös Loránd University, Budapest)
- 17:30 IN THE SHADOWS OF THE EMPIRE: SARMATIAN COMMUNITIES OF THE GREAT HUNGARIAN PLAIN**
Tica, Cristina (Clemson University) - Hajdu, Tamás (Department of Biological Anthropology, Eötvös Loránd University, Budapest) - Mateovics-László, Orsolya (Hungarian National Museum) - János, István (Institute of Environmental Science, University of Nyíregyháza)

- 17:45 FOUNDER SURVIVAL: BIOARCHAEOLOGY OF ROMAN AGE IN ANCIENT SARDINIA**
Serra, Rita (Department of Biomedical Sciences, University of Sassari, Italy; Center for Anthropological, Paleopathological and Historical Studies of the Sardinian and Mediterranean populations, Department of Biomedical Sciences, University of Sassari) - La Fragola, Alessandra - Rovina, Daniela (Superintendence for Archaeological Heritage for the provinces of Sassari and Nuoro) - Posth, Cosimo (Max Planck Institute for the Science of Human History, Jena; Institute for Archaeological Sciences, University of Tübingen) - Mazzarello, Vittorio - Bandlera, Pasquale (Department of Biomedical Sciences, University of Sassari; Center for Anthropological, Paleopathological and Historical Studies of the Sardinian and Mediterranean populations, Department of Biomedical Sciences, University of Sassari)

18:00 DISCUSSION SLOT**POSTERS**

- A. HUMAN SKELETONS WITH TREPONEMATOSIS DISCOVERED IN THE NECROPOLIS OF 15TH-19TH CENTURIES AT THE ROMAN CATHOLIC CATHEDRAL OF IAȘI, ROMANIA**
Groza, Vasilica-Monica (Romanian Academy – Iași Branch, “Olga Necrasov” Center of Anthropological Research) - Petraru, Ozana-Maria (Romanian Academy – Iași Branch, “Olga Necrasov” Center of Anthropological Research; “Alexandru Ioan Cuza” University of Iași, Faculty of Biology) - Popovici, Mariana (Romanian Academy – Iași Branch, “Olga Necrasov” Center of Anthropological Research) - Bejenaru, Luminița (Romanian Academy – Iași Branch, “Olga Necrasov” Center of Anthropological Research; “Alexandru Ioan Cuza” University of Iași, Faculty of Biology)
- B. SKELETAL INDICATORS OF AMPUTATION PROCEDURE, LOOKING AT THE EXAMPLE OF THE CASE OF PRE-COLUMBIAN MIDDLE ANDES**
Lis, Monika (University of Warsaw)
- C. BIOARCHAEOLOGICAL ANALYSIS OF THE POSSIBLE SKELETAL REMAINS OF BÉLA, DUKE OF MACSÓ (12TH CENTURY AD)**
Hajdu, Tamas (Eötvös Loránd University) - Bernert, Zsolt (Department of Anthropology, Hungarian Natural History Museum, Budapest) - Szeniczey, Tamás (Department of Biological Anthropology, Faculty of Science, Eötvös Loránd University) - Major, István - Molnár, Mihály (Isotope Climatology and Environmental Research Centre, Institute for Nuclear Research, Debrecen) - Kelentey, Barna Árpád (Department of Operative Dentistry and Endodontics, Faculty of Dentistry, Univer-

sity of Debrecen) - Angyal, János (Department of Periodontology, Faculty of Dentistry, University of Debrecen) - Horváth, Anikó - Palcsu, László (Isotope Climatology and Environmental Research Centre, Institute for Nuclear Research, Debrecen) - Buzár, Ágota (Department of Anthropology, Hungarian Natural History Museum, Budapest)

D. CHALLENGING STATUS? INTERPRETING CARE IN AN INDIVIDUAL WITH FACIAL AND LOCOMOTIVE IMPAIRMENTS

Robinson, Stephanie (University College Cork)

E. RELATIONSHIP BETWEEN THE ORBIT SHAPE AND CRANIOFACIAL TRAITS IN A SAMPLE OF CONTEMPORARY HUMAN SKULLS FROM IAȘI CITY, ROMANIA

Groza, Vasiliica-Monica (Romanian Academy – Iași Branch, “Olga Necrasov” Center of Anthropological Research) - Bejenaru, Luminița (Romanian Academy – Iași Branch, “Olga Necrasov” Center of Anthropological Research; “Alexandru Ioan Cuza” University of Iași, Faculty of Biology, Romania) - Petraru, Ozana-Maria (Romanian Academy – Iași Branch, “Olga Necrasov” Center of Anthropological Research; “Alexandru Ioan Cuza” University of Iași, Faculty of Biology, Romania) - Popovici, Mariana (Romanian Academy – Iași Branch, “Olga Necrasov” Center of Anthropological Research)

F. AN INTEGRATED THEORETICAL AND BIOARCHAEOLOGICAL APPROACH TO CATASTROPHIC COMMINGLED ASSEMBLAGES

Masters, Mackenzie (University of York) - Soficar, Andrei (Fransic I. Rainer Institute of Anthropology) - Alexander, Michelle (University of York) - Holst, Malin (University of York; York Osteoarchaeology Ltd.)

G. INVESTIGATION OF THE GENETIC ANCESTRY OF BÉLA OF MACSÓ, AN ÁRPÁDIAN PRINCE FROM HUNGARY

Borbély, Noémi - Mende, Balázs Gusztáv (Institute of Archaeogenomics, Research Centre for the Humanities, ELRN, Budapest) - Pinhasi, Ron - Cheronet, Olivia (Department of Evolutionary Anthropology, University of Vienna) - Reich, David Emil (Department of Genetics, and Department of Human Evolutionary Biology, Harvard Medical School) - Takács, Ágoston (Medieval Department, Castle Museum - Budapest History Museum) - Hajdu, Tamás (Department of Biological Anthropology, Eötvös Loránd University) - Szécsényi-Nagy, Anna (Institute of Archaeogenomics, Research Centre for the Humanities, ELRN, Budapest)

H. PALEOPATHOLOGICAL INVESTIGATION OF A POSSIBLE SURGICAL TREPHINATION FROM 11-13TH CENTURY

Kiss, Krisztián (Department of Biological Anthropology - Eötvös Loránd University; Department of Anthropology - Hungarian Natural History Museum) - Gémes, Anett (Department of Biological Anthropology - Eötvös Loránd University) - Gyenesei, Katalin (Department of Biological Anthropology - Eötvös Loránd University) - Karlinger, Kinga (Department of Radiology, Medical Imaging Center - Semmelweis University) - Szeniczey, Tamás (Department of Biological Anthropology - Eötvös Loránd University) - Hajdu, Tamás (Department of Biological Anthropology - Eötvös Loránd University)

I. PALEOPATHOLOGICAL ANALYSIS OF THE LATE IRON AGE BURIALS FROM GYŐR-KÁLVÁRIA MERGED SITE

Gyenesei, Katalin (Department of Biological Anthropology, Eötvös Loránd University, Budapest) - Kiss, Krisztián (Department of Biological Anthropology, Eötvös Loránd University, Budapest; Department of Anthropology, Hungarian Natural History Museum, Budapest) - Szeniczey, Tamás (Department of Biological Anthropology, Eötvös Loránd University, Budapest) - Ujvári, Ferenc - Pesti, Krisztina (Rómer Flóris Museum of Art and History, Győr) - Hajdu, Tamás (Department of Biological Anthropology, Eötvös Loránd University, Budapest)

J. INFECTIOUS DISEASE AT THE MIDDLE BRONZE AGE SETTLEMENT OF TISZAFÜRED (EASTERN HUNGARY) – A CASE STUDY

Gémes, Anett (Department of Biological Anthropology, Institute of Biology, Eötvös Loránd University, Budapest) - Mester, Edit (Kiss Pál Museum, Tiszafüred) - Dani, János (Déri Museum, Debrecen) - Szeniczey, Tamás (Department of Biological Anthropology, Institute of Biology, Eötvös Loránd University, Budapest) - Kiss, Krisztián (Department of Biological Anthropology, Institute of Biology, Eötvös Loránd University, Budapest; Department of Anthropology, Hungarian Natural History Museum, Budapest) - Horváth, Anikó - Palcsu, László - Major, István (Isotope Climatology and Environmental Research Centre, Institute for Nuclear Research, Debrecen) - Kiss, Viktória (Research Centre for the Humanities, Institute of Archaeology, Budapest) - Hajdu, Tamás (Department of Biological Anthropology, Institute of Biology, Eötvös Loránd University, Budapest)

K. BIOLOGICAL ANTHROPOLOGICAL EXAMINATION OF THE LATE IRON AGE BURIALS FROM GYŐR-KÁLVÁRIA MERGED SITE

Gyenesei, Katalin (Department of Biological Anthropology, Eötvös Loránd University, Budapest) - Kiss, Krisztián (Department of Biological Anthropology, Eötvös Loránd University, Budapest; Department

of Anthropology, Hungarian Natural History Museum, Budapest)
- Szeniczey, Tamás (Department of Biological Anthropology, Eötvös Loránd University, Budapest) - Ujvári, Ferenc - Pesti, Krisztina (Rómer Flóris Museum of Art and History, Győr) - Hajdu, Tamás (Department of Biological Anthropology, Eötvös Loránd University, Budapest)

- L. POPULATION HISTORY OF ANCIENT THESSALONIKI. A GEOMETRIC MORPHOMETRICS VIEW IN THE CONTEXT OF URBANIZATION.**
Aidonis, Asterios (Laboratory of Physical Anthropology, Department of History and Ethnology, Democritus University of Thrace) - Lyras, George (Department of Historical Geology and Palaeontology, Faculty of Geology & Geoenvironment, National and Kapodistrian University of Athens) - Protopsalti, Soultana - Tzevreni, Stavroula - Vasileiadou, Stela - Konstantinidou, Krino (Ephorate of Antiquities of Thessaloniki City, Hellenic Ministry of Culture and Sports) - Papageorgopolou, Christina (Laboratory of Physical Anthropology, Department of History and Ethnology, Democritus University of Thrace)
- M. METHODOLOGICAL CONSIDERATIONS REGARDING AN UNFINISHED CRANIAL SURGERY FROM THE 10TH-CENTURY-CE CARPATHIAN BASIN**
Kis, Luca (Department of Biological Anthropology, University of Szeged; Department of Archaeogenetics, Institute of Hungarian Research, Budapest) - Tihanyi, Balázs (Department of Biological Anthropology, University of Szeged; Department of Archaeogenetics, Institute of Hungarian Research, Budapest) - Király, Kitty (Department of Biological Anthropology, University of Szeged) - Spekker, Olga (Department of Biological Anthropology, University of Szeged; Institute of Archaeological Sciences, Eötvös Loránd University, Budapest) - Neparáczki, Endre (Department of Archaeogenetics, Institute of Hungarian Research, Budapest; Department of Genetics, University of Szeged) - Szabó, Árpád (Department of Forensic Medicine, University of Szeged) - Pálfi, György - Bereczki, Zsolt (Department of Biological Anthropology, University of Szeged)
- N. CROWN DIMENSIONS OF THE M2 MOLAR: COMPARISON BETWEEN PREHISTORY AND MEDIEVAL SAMPLES FROM NORTH-EASTERN ROMANIA**
Bejenaru, Luminita (Faculty of Biology, "Alexandru Ioan Cuza" University of Iași; Romanian Academy Iași Branch, "Olga Necrasov" Center of Anthropological Research, Iași) - Popovici, Mariana - Groza, Vasilica-Monica (Romanian Academy Iași Branch, "Olga Necrasov" Center of Anthropological Research, Iași) - Petraru, Ozana-Maria (Faculty of Biology, "Alexandru Ioan Cuza" University of Iași; Romanian Academy Iași Branch, "Olga Necrasov" Center of Anthropological Research, Iași)

341 OVERSEA AND INLAND – CULTURE CONTACT DYNAMICS IN THE MEDITERRANEAN DURING THE 1ST MILLENNIUM BCE

- Room:** Building C, room 328
Time: 16:30 - 18:30
Theme: 4. Polis, Empire, League and Beyond – Living in Interconnected Societies
Format: Regular session
Organisers: Gerling, Claudia (University of Basel) - Gigante, Melania (University of Padua) - Billo-Imbach, Marta (University of Basel) - Saltini Semerari, Giulia (University of Michigan)

PAPERS

- 16:30 SOCIO-CULTURAL EXCHANGE IN THE SIBARITIDE, CALABRIA (ITALY)**
Billo-Imbach, Marta (University of Basel, Department of Ancient Civilizations) - Gerling, Claudia (University of Basel, Department of Environmental Sciences) - Guggisberg, Martin (University of Basel, Department of Ancient Civilizations) - Zaugg, Céline (University of Basel, Department of Environmental Sciences)
- 16:45 SAME, SAME BUT DIFFERENT? – THE 6TH CENTURY BC BURIAL CUSTOMS IN THE SIBARITIDE**
Gullo, Ilaria (University of Basel)
- 17:00 OVERSEA AND INLAND – CULTURE CONTACT DYNAMICS IN THE MEDITERRANEAN DURING THE 1ST MILLENNIUM BCE**
Saltini Semerari, Giulia (University of Michigan)
- 17:15 DISCUSSION SLOT**
- 17:30 WITHIN THE PILLARS OF HERCULES. MOBILITY AND INTERCONNECTIVITY IN THE FIRST MILLENNIUM BCE WESTERN MEDITERRANEAN: AN ARCHAEOLOGICAL AND BIOARCHAEOLOGICAL PERSPECTIVE**
Gigante, Melania - Mazzariol, Alessandro (University of Padua)
- 17:45 RECONSIDERING THE VILLANOVAN PHENOMENON OF PRE-ROMAN ITALY THROUGH AN ISOTOPE-BASED PERSPECTIVE: THE CASE STUDY OF FERMO (9TH-5TH CENTURY BCE, MARCHE)**
Esposito, Carmen (Cardiff University; Queen's University Belfast) - Gigante, Melania (University of Padua) - Miranda, Pasquale (University of Naples Federico II) - Stoddart, Simon (University of Cambridge) - Pacciarelli, Marco (University of Naples Federico II) - Reimer, Paula - Malone, Caroline (Queen's University Belfast) - Bondioli, Luca (University of Padua; University of Bologna) - Müller, Wolfgang (Goethe University Frankfurt)

18:00 UNBURNT BODIES AMONGST CREMATED PEOPLE. FIRST ELEMENTS TO DEFINE THE IDENTITY OF THE INHUMED INDIVIDUALS FROM THE NECROPOLIS CUS-PIOVEGO, PADUA
Capasso, Giusy (Department of Cultural Heritage, University of Padua) - Beck de Lotto, Micheal (Department of Cardio-Thoraco-Vascular Sciences and Public Health, University of Padua) - Lugli, Federico (Department of Cultural Heritage, University of Bologna) - Sperduti, Alessandra (Bioarchaeology Service, Museum of Civilizations, Rome) - Bondioli, Luca (Department of Cultural Heritage, University of Padua) - Cupitò, Michele - Vidale, Massimo (Department of Cultural Heritage, University of Padua)

18:15 DISCUSSION SLOT

POSTERS

A. CONTINUITY OR DISCONTINUITY? SOCIAL AND BIOCULTURAL IDENTITIES AT THE LA CONA CEMETERY (9TH CENT. BCE-1ST CENT. CE, TERAMO, ITALY)
Gigante, Melania - Peripoli, Beatrice - Trevisan, Martina (University of Padua) - Torrieri, Vincenzo (Minister of Culture) - Vidale, Massimo (University of Padua)

347 NATURAL RESOURCES OF HIGHLANDS AND HINTERLANDS IN THE MEDITERRANEAN

Room: Main building, room 26

Time: 14:00 - 18:30

Theme: 5. Climate Change and Socioenvironmental Perspectives

Format: Regular session

Organisers: de Neef, Wieke (Ghent University) - Attema, Peter - Maurer, Arnoud (University of Groningen)

PAPERS

14:00 INTRODUCTION: REFLECTIONS ON SOCIO-ECONOMIC, ENVIRONMENTAL, AND SPATIAL LINKS BETWEEN LOWLANDS AND HIGHLANDS
de Neef, Wieke (Ghent University) - Attema, Peter - Maurer, Arnoud (University of Groningen)

14:15 THE HISTORICAL RELEVANCE OF MARGINAL AREAS IN THE AEGEAN: A CASE-STUDY OF THE DIKTE MTS, CRETE
Kalantzopoulou, Tina (NKUA - National and Kapodistrian University of Athens)

14:30 HIGH ALTITUDE EXPLOITATION SYSTEMS OVER TIME: THE CASE OF THE WESTERN VENETIAN PREALPS
Migliavacca, Mara (Dipartimento di Culture e Civiltà università di Verona)

14:45 DISCUSSION SLOT

15:00 SALT, SHEPHERDS, SMUGGLERS IN N-E ITALY FROM THE PRESENT BACKWARDS TO PREHISTORY
Montagnari Kokelj, Manuela (University of Trieste) - Boscarol, Chiara (Divulgando srl, Trieste)

15:15 COMMUNICATION AND RESOURCE USE OF SOUTHERN VELEBIT COMMUNITIES

Serventi, Zrinka (University of Zadar, Department of History) - Vuković, Morana (Archaeological Museum Zadar)

15:30 NORTHERN PARALLELS: WAS NORWEGIAN OUTLAND RESOURCE EXPLOITATION JUST A SERIES OF SIDE HUSTLES?

Hill, David (NIKU - Norwegian Institute for Cultural Heritage Research)

15:45 DISCUSSION SLOT

16:30 NATURAL RESOURCES OF HIGHLAND IN SICILY: FROM THE ARCHAEOLOGICAL SURFACE SURVEY TO A CHEMICAL CHARACTERIZATION OF ORGANIC RESIDUES

Forgia, Vincenza (Dipartimento Culture e Società, Università di Palermo) - Vallejo, Asier (Department of Analytical Chemistry, University of the Basque Country - UPV/EHU, Faculty of Pharmacy; Bioaraba, Metabolómica Biosanitaria, Alimentaria y Medioambiental) - Ollé, Andreu (Institut Català de Paleoeologia Humana i Evolució Social - IPHES-CERCA; Universitat Rovira i Virgili, Departament d'Història i Història de l'Art) - Vergès, Josep Maria (Institut Català de Paleoeologia Humana i Evolució Social - IPHES-CERCA; Universitat Rovira i Virgili, Departament d'Història i Història de l'Art)

16:45 TRACING NEOLITHIC AND MEDIEVAL LIVESTOCK FARMING IN THE EASTERN PYRENEES: THE COMBINED ARCHAEOLOGICAL AND PALAEOENVIRONMENTAL STUDY OF MOLLERES II (PUIGPEDRÓS-MASSIF)

Carbonell, Arnau - Colominas, Lúcia - Pescini, Valentina (Catalan Institute of Classical Archaeology, Landscape Archaeology Research Group - ICAC-GIAP) - Mayoral, Alfredo (Catalan Institute of Classical Archaeology, Landscape Archaeology Research Group - ICAC-GIAP; GEOLAB, UMR 6042 UCA-CNRS) - Egüez, Natalia (Archaeological Micromorphology and Biomarkers - AMBI, Research Lab, Instituto Universitario de Bio-Orgánica Antonio González, Universidad de La Laguna) - Gallego-Valle, Abel - Martínez, Jesús - Palet, Josep Maria

(Catalan Institute of Classical Archaeology. Landscape Archaeology Research Group - ICAC-GIAP)

- 17:00 THE CONNECTED HIGHLANDS: MULTIDISCIPLINARY INVESTIGATIONS OF RESOURCE EXPLOITATION IN THE POLLINO RANGE (SOUTHERN ITALY)**
de Neef, Wieke (Ghent University) - Attema, Peter - Maurer, Arnoud (University of Groningen)
- 17:15 TASKSCAPING THE CHALCOLITHIC LANDSCAPE OF SOUTH-EASTERN IBERIAN: MOBILITY AND RESOURCE EXTRACTION IN THE GUADIX-BAZA-HUÉSCAR HINTERLANDS (GRANADA)**
Pinillos de la Granja, Paula - Barruezo Vaquero, Pablo (Universidad de Granada)
- 17:30 DISCUSSION SLOT**

349 DARK HORSE – ARCHAEOLOGIES OF HORSES AND HORSE CULTURE IN THE MIDDLE AGES

Room: Building R, room E356

Time: 11:00 - 18:00

Theme: 4. Polis, Empire, League and Beyond – Living in Interconnected Societies

Format: Regular session

Organisers: Benkert, Helene (University of Exeter) - Orlando, Ludovic (Centre for Anthropobiology & Genomics of Toulouse - CAGT; CNRS UMR 5288, Université Paul Sabatier) - Creighton, Oliver - Outram, Alan (University of Exeter) - Liddiard, Robert (University of East Anglia)

PAPERS

- 11:00 INTRODUCTION. THE MEDIEVAL WARHORSE PROJECT: INTERDISCIPLINARITY AND INTEGRATION**
Creighton, Oliver (University of Exeter)
- 11:15 'TO WORK FOR THE KING': EQUINE NETWORKS IN 14TH-CENTURY ENGLAND**
Liddiard, Robert (University of East Anglia)
- 11:30 HIGH HORSE: THE IDEAL CONFORMATION FOR WARHORSES IN THE FRENCH TRANSLATIONS OF JORDANUS RUFUS'S DE MEDICINA EQUORUM.**
Vo Van Qui, Camille (University of Exeter, Centre for Medieval Studies)
- 11:45 DISCUSSION SLOT**

- 12:00 SIZE AND CONFORMATION OF MEDIEVAL HORSES OF NORTHWESTERN EUROPE BASED ON OSTEOARCHAEOLOGICAL EVIDENCE**
Niskanen, Markku (University of Oulu)
- 12:15 ALL HORSES GREAT AND SMALL – HORSE STATURE AND MORPHOLOGY IN MEDIEVAL EUROPE**
Benkert, Helene (University of Exeter)
- 12:30 WOUNDED WARHORSES: USE, PATHOLOGY, AND INJURY IN MEDIEVAL HORSES FROM ENGLAND**
Kanne, Katherine (University of Exeter; Northwestern University)
- 12:45 DISCUSSION SLOT**
- 14:00 HORSES IN THE BATTLE FOR EVERYDAY LIFE**
Klontza-Jaklova, Vera - Tengeriová, Romilda - Smíšek, Michal (Department of Archaeology and Museology, Faculty of Arts, Masaryk University) - Sedláčková, Lenka - Kolařík, Václav - Zůbek, Antonín (Archaia Brno)
- 14:15 HORSE IN EVERYDAY LIFE, MAGIC AND RELIGION OF THE SLAVS OF THE POLISH LANDS (8TH-13TH CENTURIES) - AN ARCHAEOZOOLOGICAL APPROACH**
Makowiecki, Daniel - Chudziak, Wojciech - Szczepanik, Paweł (Institute of Archaeology, Nicolaus Copernicus University in Torun) - Pasic-ka, Edyta - Janeczek, Maciej (Department of Biostructure and Animal Physiology, Wrocław University of Environmental and Life Sciences) - Wiejacka, Martyna (Institute of Archaeology, Nicolaus Copernicus University in Torun)
- 14:30 MULTIPROXY ANALYSIS OF EARLY MEDIEVAL PRUSSIAN HUMAN/HORSE GRAVES: A REAPPRAISAL OF OLD ASSUMPTIONS**
Shiroukhov, Roman (Centre for Baltic and Scandinavian Archaeology - ZBSA) - French, Katherine (School of History, Archaeology and Religion Cardiff University) - Madgwick, Richard (Cardiff University, ATTN: BONEZ Project) - Meadows, John (Centre for Baltic and Scandinavian Archaeology - ZBSA) - Skvortsov, Konstantin (-)
- 14:45 DISCUSSION SLOT**
- 15:00 GENETIC CHARACTERIZATION OF THE HORSES IN THE EARLY MEDIEVAL POLAND**
Popovic, Danijela - Baca, Mateusz (Centre of New Technologies, University of Warsaw) - Makowiecki, Daniel - Wiejacka, Martyna - Chudziak, Wojciech (Institute of Archaeology, Faculty of History, Nicolaus Copernicus University, Torun)

15:15 BREEDING A WEAPON. MORPHOLOGICAL DIVERSITY OF HORSES IN MEDIEVAL ENGLAND

Ameen, Carly - Benkert, Helene - Rapp, Karina - Townend, Tess - Kanne, Katherine - Outram, Alan (University of Exeter)

15:30 DISCUSSION SLOT**16:30 WHAT CAN BE DETERMINED ABOUT THE SIZE AND SHAPE OF MEDIEVAL HORSES FROM METRICAL ANALYSES OF HORSE ARMOUR AND HORSESHOES?**

Outram, Alan (Department of Archaeology, University of Exeter) - Creighton, Oliver - Benkert, Helene - Rapp, Karina - Townend, Tess (University of Exeter)

16:45 BITS AND PIECES – HORSE EQUIPMENT IN MEDIEVAL ENGLAND

Webley, Robert (University of Exeter)

17:00 DISCUSSION SLOT**POSTERS****A. THE DIVERSITY OF LATE ANTIQUE PERIOD AND EARLY MEDIEVAL HORSES IN THE CARPATHIAN BASIN: INTRODUCTION TO AN INTEGRATIVE RESEARCH PROJECT**

Szecsényi-Nagy, Anna (Institute of Archaeogenomics, Research Centre for the Humanities) - Koncz, István - Csippán, Péter (Institute of Archeological Sciences, Eötvös Loránd University) - Bollók, Ádám (Institute of Archaeology, Research Centre for the Humanities) - Bárány, Annamária (Hungarian National Museum) - Gerber, Dániel - Mende, Balázs (Institute of Archaeogenomics, Research Centre for the Humanities)

351 ROUTED ARCHAEOLOGY III – GETTING AROUND

Room: Main building, room 39

Time: 8:30 - 12:30

Theme: 1. Archaeologists and Archaeology Here and Now

Format: Regular session

Organisers: Mele, Marko (Universalmuseum Joanneum) - Fábrián, Szilvia (Hungarian National Museum) - Mihelić, Sanjin (Arheological Museum Zagreb)

PAPERS**8:30 SITES AND ROUTES OF ARCHAEOLOGY AND THE CULTURAL IDENTITIES**

Varga, Benedek (Hungarian National Museum (Magyar Nemzeti Múzeum))

8:45 ACCESSIBILITY, VISIBILITY AND INFRASTRUCTURE OF IRON AGE SITES IN THE DANUBE REGION – THEORY AND PRACTICE

Mele, Marko (Universalmuseum Joanneum) - Štuhec, Seta (Austrian Academy of Sciences, Austrian Centre for Digital Humanities and Cultural Heritage) - Fera, Martin (University of Vienna, Institute of Prehistoric and Historical Archaeology)

9:00 DEVELOPMENT OF ARCHAEOLOGICAL SITES IN OUR MOUNTAINS FOR TOURISM PURPOSES

Czifra, Szabolcs (Hungarian National Museum) - Deminger, Csilla (Kuny Domokos Museum) - Pálinkás, Adrienn - Fábrián, Szilvia (Hungarian National Museum)

9:15 DISCUSSION SLOT**9:30 ARCHAEOLOGICAL ROUTE MANAGEMENT: A LOOK BEHIND THE SCENES**

Mihelić, Sanjin (Archaeological Museum in Zagreb)

9:45 CULTURAL ROUTES AND HERITAGE TOURISM

Wollak, Katalin (Independent heritage expert; Hungarian Ass. of Archaeology and Art History; Archaeolingua Foundation) - Jerem, Erzsébet (Archaeolingua Foundation)

10:00 IRON AGE DANUBE ROUTE IN THE POŽEGA VALLEY REGION

Rakvin, Marta - Balen, Jacqueline (Arhaeological Museum in Zagreb)

10:15 DISCUSSION SLOT**11:00 CLAUSTRA ON THE ROAD**

Zanier, Katharina (Department of Archaeology, Faculty of Arts, University of Ljubljana)

11:15 MATRICA (SZÁZHALOMBATTA) WITHIN THE HOLISTIC APPROACH OF LIVING DANUBE LIMES PROJECT

Kovács, Gergo - Vukosavljev, Zorán - Kiss, Zsuzsanna (Budapest University of Technology and Economics)

11:30 DISCUSSION SLOT

POSTERS

- A. ARCHEOLOGICAL SURVEYING WITH UAV LIDAR**
Látos, Tamás (Hungarian National Museum / Magyar Nemzeti Múzeum)

365 LIFE AND DEATH BEHIND THE WALL: A MULTIDISCIPLINARY APPROACH TO MONASTICISM IN PAST

- Room:** Main building, room 138
Time: 8:30 - 12:30
Theme: 5. Climate Change and Socioenvironmental Perspectives
Format: Regular session
Organisers: Sarkic, Natasa (Aita Bioarchaeology) - Janeš, Andrej (Croatian Conservation Institute, Department for Archaeology)

PAPERS

- 8:30 IDENTIFICATION OF PIARIST COFFINS FROM ARCHAEOLOGICAL RESEARCH IN THE CRYPTS OF THE CHURCH IN SZCZUCZYN (PODLASKIE VOIVODESHIP, POLAND)**
Michalik, Jakub (Institute of Archaeology, Nicolaus Copernicus University in Torun) - Openkowski, Rafał (Institute of History and Archival Sciences, Nicolaus Copernicus University in Torun)
- 8:45 AN APPROACH THROUGH BEHAVIORAL ARCHAEOLOGY OF FORMER FRANCISCAN CONVENT OF THE LA PURISIMA CONCEPCION DE SIERRA DE PINOS, ZACATECAS**
Laue, Francisco (Instituto Nacional de Antropología e Historia)
- 9:00 TRACING TEWKESBURY: A MULTIDISCIPLINARY APPROACH TO EXPLORING THE MONASTIC PRECINCT OF A POWERFUL BENEDICTINE MONASTERY IN THE WEST OF ENGLAND**
March, Eleanor (University of Exeter)
- 9:15 MORE THAN JUST A MAN'S WORLD: A PRELIMINARY ANTHROPOLOGICAL ANALYSIS OF THE OSTEOLOGICAL MATERIAL FROM THE MONASTERY HILANDAR (ATHOS, GREECE)**
Sarkic, Natasa (Aita Bioarchaeology) - Vranić, Mirko (University of Belgrade, Department of Archeology) - González-Garrido, Laura (Department of Physical Anthropology of the University of León)

- 9:30 PRELIMINARY RESULTS OF ARCHAEOLOGICAL EXCAVATIONS AND ANTHROPOLOGICAL ANALYSIS FROM THE RAŠAŠKA - RAČEŠA SITE (CROATIA), 13TH-16TH CENTURY**
Sarkic, Natasa (Aita Bioarchaeology) - Matković Vrban, Marina (Nova Gradiška city museum) - Mihaljevi, Marija (Nova Gradiška city museum) - Čavka, Mislav (University Hospital Centre Zagreb; Faculty of Medicine, University of Zagreb)
- 9:45 MONKS OR WARRIORS? BURIALS IN THE BENEDICTINE MONASTERY OF ST. MARGARET IN BIJELA**
Janeš, Andrej (Croatian Conservation Institute)
- 10:00 DISCUSSION SLOT**
- 11:00 ON THE MONKS TABLE – THE CISTERCIAN FOOD AND EATING CULTURE IN MEDIEVAL DENMARK**
Mollerup, Lene (Museum Skanderborg)
- 11:15 THE LANDSCAPE IMPACT OF CISTERCIAN GRANGES - THE CASE OF PLSY ABBEY**
Ferenczi, Laszlo - Janovský, Martin (Charles University, Prague) - Horák, Jan (Czech University of Life Sciences, Prague) - Malina, Ondřej (National Heritage Institute, Loket) - Klír, Tomáš (Charles University, Prague)
- 11:30 NOURISHING BODY AND SOUL: A MULTI-TISSUE AND ISOTOPE STUDY ON THE DEVELOPMENT OF MONASTIC DIET IN A MEDIEVAL ROYAL BURGH**
Czére, Orsolya (University of Aberdeen) - Cameron, Alison (Cameron Archaeology Ltd) - Sayle, Kerry (Scottish Universities Environmental Research Centre) - Britton, Kate (University of Aberdeen)
- 11:45 DISCUSSION SLOT**

POSTERS

- A. PANEM NOSTRUM QUOTIDIANUM. DENTAL ANTHROPOLOGY OF A CONVENT IN MEDINA SIDONIA (SPAIN). FIRST DATA**
Castro Moreno, Gonzalo (FAPAB Research Center) - Rosa Machado, Francisco Douglas (Independent Researcher)
- B. FROMBORK CATHEDRAL - LIFE AND DEATH VISIBLE IN THE ARCHITECTURE**
Zdeb, Katarzyna (Institute of Archaeology Cardinal Stefan Wyszyński University in Warsaw) - Adamiec, Jacek (GPR24.com.pl)

368 AVOCATIONAL METAL-DETECTING IN EUROPE: INTERNATIONAL EXPERIENCES AND LOCAL CONSIDERATIONS

Room: Building R, room E245

Time: 8:30 - 10:30

Theme: 1. Archaeologists and Archaeology Here and Now

Format: Round table

Organisers: Deckers, Pieterjan (Vrije Universiteit Brussel) - Oksanen, Eljas (University of Helsinki) - Rohiola, Ville (Finnish Heritage Agency (Museovirasto))

In this roundtable, organized by members of the European Public Finds Recording Network, we aim to explore appropriate responses to avocational metal-detecting in different European countries. We focus on Eastern Europe in particular, and discuss ways by which shared challenges may be met on a transnational basis.

Avocational detecting remains a contested topic amongst heritage professionals (e.g. Deckers et al. 2018, Hardy 2017). Approaches differ greatly across jurisdictions, ranging from highly restrictive to liberal or even supportive. As such, the issue forms a microcosm of broader debates about public participation in scientific knowledge creation. Given the variety in local conditions and approaches, a key question in this debate is to what extent the principles and practices of a cooperative approach, as adopted in several countries in northern and western Europe (Dobat et al. 2020), can serve as inspiration elsewhere, notably in eastern Europe.

A specific concern is the impact of increasing digitisation and connectivity amongst detectorist communities as well as in the availability of finds data. We bring together a panel of researchers from mainly Eastern European countries, including the host country Hungary, to discuss these issues. Following short opening statements from the panelists, the debate will be structured along three themes regarding avocational detecting in Europe:

- Methodology: deploying digital tools for recording and managing of public finds data.
- Ethics and practical aspects: citizen archaeology, heritage protection, use of data in research, engaging with detectorist communities online.
- Promoting international collaboration, in terms of finds recording, sharing data, practices and technology, and scientific analysis.

Confirmed panelists are Tuuli Kurisoo (Tallinn University), Jan Mařík (Institute of Archeology of the CAS, Prague), Sergiu Musteata ("Ion Creanga" State University), Tibor Ákos Rácz (Ferenczy Museum) and Anna Wessman (University of Bergen).

David Wigg-Wolff (Goethe-Universität Frankfurt) will moderate the debate.

374 THE ARCHAEOBOTANICAL PUZZLE: (DIS)INTEGRATING BOTANICAL PROXIES TO BETTER COMPREHEND PAST PLANT-PEOPLE INTERACTIONS

Room: Main building, room 138

Time: 14:00 - 18:00

Theme: 6. A Decade after the 'Third Science Revolution in Archaeology'

Format: Regular session

Organisers: Esteban, Irene (ERAAUB, Universitat de Barcelona; Evolutionary Studies Institute, University of the Witwatersrand) - Albert, Rosa Maria (ERAAUB, University of Barcelona; ICREA) - Théry-Pariset, Isabelle (CEPAM, Université Côte d'Azur; Directrice de Recherche au CNRS) - Neumann, Frank (Geology, School for Geo- and Spatial Science, North West University)

PAPERS

14:00 INTRODUCTION

14:15 APPROACHING PREHISPANIC HERDING ACTIVITIES IN LA PALMA (CANARY ISLANDS) THROUGH COUPLED PALEOBOTANICAL AND BIOMOLECULAR PROXIES

Fernández-Palacios, Enrique - Castilla-Beltrán, Alvaro (UDI de Prehistoria, Arqueología e Historia Antigua, Departamento de Geografía e Historia, Facultad de Humanidades, Universidad de La Laguna; Archaeological Micromorphology and Biomarkers - AMBI - Research Lab, Instituto Universitario de Bio-Orgánica Antonio González, Universidad de La Laguna) - Jambrina-Enríquez, Margarita (Departamento de Biología Animal, Edafología y Geología, Facultad de Ciencias, Universidad de La Laguna; Archaeological Micromorphology and Biomarkers - AMBI - Research Lab, Instituto Universitario de Bio-Orgánica Antonio González, Universidad de La Laguna) - Rodríguez de Vera, Caterina (Archaeological Micromorphology and Biomarkers - AMBI - Research Lab, Instituto Universitario de Bio-Orgánica Antonio González, Universidad de La Laguna) - Hernández, Cristo (UDI de Prehistoria, Arqueología e Historia Antigua, Departamento de Geografía e Historia, Facultad de Humanidades, Universidad de La Laguna) - Herrera-Herrera, Antonio (Archaeological Micromorphology and Biomarkers - AMBI - Research Lab, Instituto Universitario de Bio-Orgánica Antonio González, Universidad de La Laguna; Departamento de Química, Facultad de Ciencias, Universidad de La Laguna) - de Nascimento, Lea (Island Ecology and Biogeography Group, Universidad de La Laguna) - Mallol, Carolina (UDI de Prehistoria, Arqueología e

Historia Antigua, Departamento de Geografía e Historia, Facultad de Humanidades, Universidad de La Laguna; Archaeological Micromorphology and Biomarkers - AMBI - Research Lab, Instituto Universitario de Bio-Orgánica Antonio González, Universidad de La Laguna)

14:30 THE CURIOUS CASE OF HORVAT KUR (GALILEE, ISRAEL): A CISTERN BENEATH AN ANCIENT SYNAGOGUE REVEALS A ROMAN-BYZANTINE LANDSCAPE

Neumann, Frank (Geology, School for Geo- and Spatial Science, North West University) - Rassalle, Tine (Department of Religious Studies, University of North Carolina at Chapel Hill) - Shivtiel, Yinon (Zefat Academic College, Israel Studies) - Muenger, Stefan (Universität Bern, Institut für Judaistik) - Belmaker, Miriam (The University of Tulsa, Department of Anthropology) - Bes, Philip (Österreichisches Archäologisches Institut – Österreichische Akademie der Wissenschaften, Vienna) - Zangenberg, Jürgen (Universiteit Leiden, Institute for History)

14:45 NORTHERN EUROPEAN AGRICULTURAL TERRACES: A MULTI-PROXY APPROACH TO BJØRNSKINN (NORWAY) TO UNDERSTAND ITS USES BY APPLYING GEOCHEMISTRY, PHYTOLITHS, AND POLLEN

Alonso-Eguiluz, Mónica (Fundació Bosch i Gimpera) - Albert, Rosa María (ICREA; Equip de Recerca Arqueològica i Arqueomètrica de la Universitat de Barcelona) - Fallu, Daniel - Alsos, Inger (Tromsø University Museum, UiT The Arctic University of Norway) - Høeg, Helge (University of Oslo) - Brown, Antony (Tromsø University Museum, UiT The Arctic University of Norway)

15:00 THE USAGE OF WOOD IN FUNERY CULTURE, THE EXAMPLE OF COFFINS FROM A CHURCH IN SZCZUCZYN (PODLASKIE VOIVODESHIP, POLAND)

Michalik, Jakub (Institute of Archaeology, Nicolaus Copernicus University in Torun)

15:15 INTEGRATING CONTRASTING SIGNATURES OF ARCHAEOBOTANICAL PROXIES: THE CASE OF WATERFALL BLUFF, EASTERN CAPE PROVINCE, SOUTH AFRICA

Esteban, Irene (ERAAUB, Universidad de Barcelona; Evolutionary Studies Institute, University of the Witwatersrand) - Bamford, Marion (Evolutionary Studies Institute, University of the Witwatersrand) - Cawthra, Hayley (Geophysics and Remote Sensing Unit, Council for Geoscience Western Cape Office) - Fisher, Erich (ICARHEB, Universidade do Algarve) - House, Alisoun (Evolutionary Studies Institute, University of the Witwatersrand) - Miller, Charlotte (MARUM, University of Bremen) - Neumann, Frank (School for Geo- and Spatial Science, North West University) - Pargeter, Justin (Department of Anthropology, New York University) - Schefuss, Enno (MARUM, University of Bremen)

15:30 IDENTIFYING RITUAL BEHAVIOUR WITHIN THE HUMAN-PLANT RELATIONSHIP. THE CASE OF CHALCOLITHIC SITE ISAIIA, EASTERN ROMANIA

Brasoveanu, Casandra (Arheoinvest Centre, Institute of Interdisciplinary Research, Alexandru Ioan Cuza University of Iasi) - Danu, Mihaela (Faculty of Biology, Alexandru Ioan Cuza University of Iasi) - Tencariu, Felix-Adrian (Arheoinvest Centre, Institute of Interdisciplinary Research, Alexandru Ioan Cuza University of Iasi) - Vornicu, Diana Măriuca (Institute of Archaeology, Romanian Academy, Iasi Branch) - Asăndulesei, Andrei (Arheoinvest Centre, Institute of Interdisciplinary Research, Alexandru Ioan Cuza University of Iasi) - Delhon, Claire (CNRS, CEPAM, UMR 7264, Université Côte d'Azur)

15:45 DISCUSSION SLOT

16:30 HOW TO SEE POLYETHYLENE GLYCOL IN REINFORCED WATERLOGGED ARCHAEOLOGICAL WOOD?

Grupa, Malgorzata (Nicolaus Copernicus University in Torun, Faculty of History, Institute of Archaeology) - Wypych, Aleksandra (Nicolaus Copernicus University in Torun, Centre of Modern Interdisciplinary Technologies) - Łukaszewicz, Jadwiga (Nicolaus Copernicus University in Torun, Faculty of History, Institute of Archaeology)

16:45 IMPACT OF THE SAMPLING STRATEGY ON THE REPRESENTATIVENESS OF PLANT ASSEMBLAGES AT THE EARLY NEOLITHIC SETTLEMENT OF BISKUPICE (S POLAND)

Moskal-del Hoyo, Magdalena - Kapcia, Magda - Wacnik, Agnieszka - Korczyńska, Marta (W. Szafer Institute of Botany, Polish Academy of Sciences, Kraków) - Kenig, Robert (W. Szafer Institute of Botany, Polish Academy of Sciences, Kraków; Institute of Archaeology, Jagiellonian University, Kraków) - Nowak, Marek (Institute of Archaeology, Jagiellonian University, Kraków)

17:00 DISCUSSION SLOT

POSTERS

A. UNLOCKING THE KING'S SPICE CABINET – PLANT REMAINS FROM A 15TH CENTURY ROYAL SHIPWRECK IN THE BALTIC SEA

Larsson, Mikael - Foley, Brendan (Department of Archaeology and Ancient History, Lund University)

B. PLANTBITES – A DATABASE FOR PLANT RESOURCES IN EARLY HUMAN ENVIRONMENTS

Bruch, Angela (ROCEEH Research Centre, Senckenberg Research Institute, Frankfurt/M) - Papikyan, Astghik (A.L. Takhtajyan Institute

of Botany, Armenian Academy of Sciences, Yerevan) - Hahn, Karen (Institute for Ecology, Evolution and Diversity, Goethe University, Frankfurt/M) - Altolaguirre, Yul - Haidle, Miriam (ROCEEH Research Centre, Senckenberg Research Institute, Frankfurt/M)

376 ECONOMIC SYSTEMS IN THE NEOLITHIC AND BRONZE AGE: PATHWAYS OF PRODUCTION, CONSUMPTION, STORAGE, CONTROL AND EXCHANGE

Room: Building R, room E253

Time: 8:30 - 15:30

Theme: 2. [Re]integration

Format: Regular session

Organisers: Schaefer-Di Maida, Stefanie - Brozio, Jan Piet - Filipović, Dragana (Institute of Pre- and Protohistoric Archaeology, CAU Kiel; CRC 1266) - Nordvall, Linn (Department of Historical Studies, University of Gothenburg) - Iversen, Rune (Saxo Institute, University of Copenhagen)

PAPERS

8:30 INTRODUCTION

8:45 SCALES OF ECONOMIC SYSTEMS – NEOLITHIC SOCIOECONOMIC STRATEGIES FROM THE CENTRAL EUROPEAN PLAIN

Brozio, Jan Piet (Institute of Pre- and Protohistoric Archaeology CAU Kiel)

9:00 SUBSISTENCE AND EXPANSION IN LATE NEOLITHIC SOUTHERN SCANDINAVIA.

Johannsen, Jens (Aarhus University; ROMU)

9:15 A WEB OF WEALTH MEASURES – QUANTIFYING WEALTH AND INEQUALITY IN 3RD MILLENNIUM BCE CENTRAL EUROPE

Nørtoft, Mikkel (Saxo Institute, University of Copenhagen) - Rohrlach, Adam (Department of Archaeogenetics, Max Planck Institute for Evolutionary Anthropology)

9:30 DISCUSSION SLOT

9:45 VALUE, SIGNIFICANCE AND USE OF 'EXOTIC' MATERIALS – IN VIEW OF THE PRESENCE OF OBSIDIAN ON NEOLITHIC SITES IN POLAND

Werra, Dagmara H. (Institute of Archaeology and Ethnology, Polish Academy of Sciences, Warsaw) - Szeliga, Marcin (Institute of Archaeology, Maria Curie-Skłodowska University in Lublin) - Pyżewicz, Katarzyna (Faculty of Archaeology, University of Warsaw)

10:00 RAW MATERIALS PROCUREMENT AND TECHNOLOGY OF MACROLITHIC TOOLS FROM THE NEOLITHIC AND COPPER AGE IN THE INNER AND SOUTH IBERIA

Martínez-Sevilla, Francisco - Barroso Bermejo, Rosa - Bueno Ramírez, Primitiva (University of Alcalá) - Rojas Rodríguez-Malo, Juan (Independent Researcher) - Cárdenas Párraga, Juan (Independent Researcher) - Lozano Rodríguez, José (Instituto Español de Oceanografía. Centro Oceanográfico de Canarias)

10:15 DISCUSSION SLOT

11:00 NEOLITHIC AND EARLY BRONZE AGE SETTLEMENT IN SOUTH MORAVIA IN A DIACHRONIC PERSPECTIVE

Novotný, Jaroslav - Hons, David - Denis, Solène (Masaryk University) - Čerevková, Alžběta (Moravian Museum)

11:15 THE CONNECTIVITY OF LAND AND SEA. INTERACTION OF LOCAL COMMUNITIES FOR THE EXCHANGE OF GOODS IN THE EARLY BRONZE AGE

Nordvall, Linn (Göteborgs universitet)

11:30 SOCIAL ORGANIZATION AND PRODUCTION IN THE BRONZE AGE IN TRANSYLVANIA

Wittenberger, Mihai (National History Museum of Transylvania)

11:45 DISCUSSION SLOT

12:00 SILO PITS AND STORAGE VESSELS: WAYS OF STOCKPILING IN THE YOUNGER AND LATE NEOLITHIC OF THE GERMAN LOWER MOUNTAIN RANGE

Hoffmann, Robert (Institut fuer Ur- und Fruehgeschichte Kiel; CRC 1266, CAU Kiel)

12:15 THE ORIGIN OF SURPLUS ECONOMY. UNDERGROUND SUPRA-HOUSEHOLD STORAGE DURING THE LATE NEOLITHIC AND EARLY BRONZE AGE IN NE IBERIA

Prats, Georgina - Moya, Andreu (Grup d'Investigació Prehistòrica, Departament d'Història, Universitat de Lleida) - Antolín, Ferran (Natural Sciences Department, German Archaeological Institute) - Alonso, Natàlia (Grup d'Investigació Prehistòrica, Departament d'Història, Universitat de Lleida)

12:30 BETWEEN THE DOMESTIC AND THE COLLECTIVE: A COMPARATIVE STUDY OF TWO BRONZE AGE STORAGE METHODS AT CABEZO REDONDO (VILLENA, SPAIN)

Martín de la Sierra Pareja, Paula - García Atiénzar, Gabriel - Barciela González, Virginia (University of Alicante)

- 12:45** **DISCUSSION SLOT**
- 14:00** **UNDERSTANDING DIET, POPULATION, AND LABOR THROUGH STORAGE IN BRONZE AGE WESTERN ANATOLIA**
Shin, Nami (Koç University; Eberhard Karls Universität Tübingen)
- 14:15** **SUBSISTENCE STRATEGIES AND SOCIAL COMPLEXITY IN THE BRONZE AGE LESSER POLAND**
Korczyńska, Marta (W. Szafer Institute of Botany, Polish Academy of Sciences, Kraków) - Lityńska-Zajac, Maria (Institute of Archaeology and Ethnology, Polish Academy of Sciences, Kraków) - Moskal-del Hoyo, Magdalena (W. Szafer Institute of Botany, Polish Academy of Sciences, Kraków)
- 14:30** **BRONZE AGE ANIMAL HUSBANDRY IN SZÁZHALOMBATTA-FÖLDVÁR AND THE BENTA VALLEY**
Bergerbrant, Sophie (Department of Historical Studies, Gothenburg University) - Giblin, Julia (Department of Sociology and Anthropology, Quinnipiac University) - Vicze, Magdolna (Hungarian National Museum) - Gál, Erika - Kiss, Viktória - Kulcsár, Gabriella (Institute of Archaeology, Research Centre for the Humanities, ELRN) - Kovács, Gabriella (Hungarian National Museum)
- 14:45** **DISCUSSION SLOT**

POSTERS

- A.** **MILK IT FOR ALL IT'S WORTH: DAIRY CONSUMPTION AND DIACHRONIC DIETARY PATTERNS OF NEOLITHIC TO BRONZE AGE COMMUNITIES (SOUTHERN PORTUGAL)**
Leite, Adriana (Interdisciplinary Center for Archaeology and Evolution of Human Behaviour) - Costa, Cláudia (Interdisciplinary Center for Archaeology and Evolution of Human Behaviour - ICArEHB, University of Algarve) - Maurer, Anne France (HERCULES Laboratory, University of Évora) - Zdráhal, Zbyněk (Central European Institute of Technology, Masaryk University, Brno) - Chocholová, Eva (Department of Experimental Biology, Faculty of Science, Masaryk University, Brno) - Gillis, Rosalind (Referats Naturwissenschaften an der Zentrale des Deutschen, Deutsches Archäologisches Institut, Berlin, Deutschland; Interdisciplinary Center for Archaeology and Evolution of Human Behaviour - ICArEHB, University of Algarve) - Godinho, Ricardo Miguel (Interdisciplinary Center for Archaeology and Evolution of Human Behaviour - ICArEHB, University of Algarve)

- B.** **EVALUATING ANIMAL REMAINS FOR RECONSTRUCTIONS OF PALAEOECONOMY AND PALAEOENVIRONMENT IN BRONZE AGE SETTLEMENTS (WIETENBERG CULTURE) IN THE MUREŞ VALLEY (ROMANIA)**
Malaxa, Daniel (Alexandru Ioan Cuza University of Iasi; Iasi Institute of Archaeology) - Marc, Antoniu (Museum of Dacian and Roman Civilisation, Deva) - Stanc, Simina (Alexandru Ioan Cuza University of Iasi) - Bejenaru, Luminita (Alexandru Ioan Cuza University of Iasi; Romanian Academy – Iași Branch, "Olga Necrasov" Center of Anthropological Research)

378 MOVING BEYOND THE FACT OF MOBILITY? RE-EVALUATING THE STRENGTHS AND LIMITATIONS OF STRONTIUM ISOTOPE ANALYSES IN ARCHAEOLOGY

- Room:** Building A, room 330
Time: 8:30 - 16:00
Theme: 6. A Decade after the 'Third Science Revolution in Archaeology'
Format: Regular session
Organisers: Snoeck, Christophe (Brussels Bioarchaeology Lab - BB-LAB, Vrije Universiteit Brussel - VUB) - Britton, Kate (Department of Archaeology, School of Geosciences, University of Aberdeen)

PAPERS

- 8:30** **INTRODUCTION**
- 8:45** **STRONTIUM ISOTOPE ANALYSIS IN A GEOLOGICALLY VARIABLE LANDSCAPE: IRON AGE LANDSCAPE USE AND MOBILITY IN THE SOUTHERN UPPER RHINE VALLEY**
Knipper, Corina (Curt Engelhorn Center Archaeometry gGmbH, Mannheim) - Bräuning, Andrea (Regierungspräsidium Stuttgart, Landesamt für Denkmalpflege) - Kilian, Imma (Independent Researcher) - Plouin, Suzanne (Université de Strasbourg, UMR 7044) - Roth-Zehner, Muriel (Archéologie Alsace, Sélestat; Université de Strasbourg, UMR 7044) - Stephan, Elisabeth (Regierungspräsidium Stuttgart, Landesamt für Denkmalpflege)
- 9:00** **HOW TO CONSTRUCT A RELEVANT BASELINE OF BIOAVAILABLE 87SR/86SR? TESTING DIFFERENT APPROACHES TO CONSTRAIN MOBILITY IN BRONZE AGE GREECE**
Frank, Anja (National Museum of Denmark; University of Hamburg) - Ioanna, Moutafi (University of Cambridge; American School of Classical Studies at Athens) - Herrmann, Nicholas (Texas State University) - Anna, Lagia (University of Freiburg) - Frei, Robert (University of

Copenhagen) - Kristiansen, Kristian (University of Gothenburg; GLOBE Institute) - Frei, Karin (National Museum of Denmark)

- 9:15** **87SR/86SR AT COASTAL SITES – WHAT WE LEARN FROM MODERN ENVIRONMENTAL SAMPLES, GREENHOUSE STUDIES, AND PREHISTORIC INDIVIDUALS OF KNOWN RESIDENCE**
Göhring, Andrea (Ludwig Maximilian University, Faculty of Biology, Department of Biology I, Anthropology and Human Genomics) - Jungklaus, Bettina (Anthropologie-BüroJungklaus) - Hölzl, Stefan (RiesK-raterMuseum Nördlingen)
- 9:30** **PROGRESS AND PITFALLS IN THE QUEST FOR FINDING THE TRUE NON-LOCALS. LESSONS FROM THE NORTH EUROPEAN PLAIN**
Pospieszny, Lukasz (Bristol Isotope Group, University of Bristol; Institute of Archaeology and Ethnology, Polish Academy of Sciences) - Lewis, Jamie (Bristol Isotope Group, University of Bristol)
- 9:45** **SR VS TRIPLE (S-SR-O) ISOSCAPES: WHAT IMPACT ON GEOGRAPHICAL AND HISTORICAL ASSIGNMENTS OF MEDIEVAL INDIVIDUALS?**
Jaouen, Klervia (GET/OMP/CNRS) - Méjean, Pauline (Géosciences Environnement Toulouse) - Marcigny, Cyril - Carpentier, Vincent (INRAP) - Colleter, Rozenn (Simon Fraser University; INRAP) - Bataille, Clément (University of Ottawa)
- 10:00** **LEAD ISOTOPES OF PERSONAL OBJECTS AND STRONTIUM ISOTOPES OF HUMAN REMAINS – USEFUL COMBINATION IN MULTI-ISOTOPE PROVENANCING**
Danielisova, Alzbeta - Bursák, Daniel (Institute of Archaeology of the CAS, Prague)
- 10:15** **DISCUSSION SLOT**
- 11:00** **RECONSTRUCTING LIFE HISTORIES USING SERIAL CARBON, OXYGEN, AND STRONTIUM ISOTOPE VARIATION IN HUMAN DENTAL ENAMEL**
Griffith, Jacob - James, Hannah - Veselka, Barbara - Cheung, Christina - Snoeck, Christophe (Research Unit: Analytical, Environmental & Geo-Chemistry, Department of Chemistry, Vrije Universiteit Brussel; Maritime Cultures Research Institute, Department of Art Sciences and Archaeology, Vrije Universiteit Brussel)
- 11:15** **COMBINING STRONTIUM AND SULPHUR ISOTOPIC ANALYSIS WITH ISOSCAPE MODELLING TO BETTER UNDERSTAND FAUNAL MOBILITY AND SPATIALITY**
Barakat, Sarah (Department of Archaeology, University of Aberdeen) - Jimenez, Elodie-Laure (Department of Archaeology, University of Aberdeen; Department of Direction Earth and History of Life, Royal Belgian Institute of Natural Sciences, Brussels) - Le Corre,

Mael (Department of Archaeology, University of Aberdeen) - Grimes, Vaughan (Department of Archaeology; Department of Earth Sciences, Memorial University, St. John's) - Discamps, Emmanuel (TRACES, French National Centre for Scientific Research, University of Toulouse Jean Jaurès) - Britton, Kate (Department of Archaeology, University of Aberdeen)

- 11:30** **IS THREE A CROWD? APPLICATIONS OF MULTI-ISOTOPE ANALYSIS OF TOOTH ENAMEL TO RECONSTRUCT SUB-ANNUAL MOBILITY PATTERNS IN PLEISTOCENE HOMININ PREY-SPECIES**
Heddell-Stevens, Phoebe (Max Planck Institute for the Science of Human History; Friedrich-Schiller-Universität) - Roberts, Patrick (Max Planck Institute for the Science of Human History; University of Queensland)
- 11:45** **PREY MOBILITY DURING THE LAST GLACIAL MAXIMUM IN EASTERN CENTRAL EUROPE**
Lengyel, György (University of Miskolc; The Institute of Systematics and Evolution of Animals, Polish Academy of Sciences, Kraków) - Anczkiewicz, Robert (Institute of Geological Sciences, Polish Academy of Sciences, Kraków) - Kowalik, Nina (The Institute of Systematics and Evolution of Animals Polish Academy of Sciences, Kraków) - Szegedi, Kristóf (Hungarian National Museum, Budapest) - Wilczyński, Jarosław (The Institute of Systematics and Evolution of Animals Polish Academy of Sciences, Kraków)
- 12:00** **RECONSTRUCTING RANGIFER PALAEO-MIGRATIONS: USE OF COMPUTATIONAL MODELLING TO LINK INTRA-TOOTH STRONTIUM ISOTOPE PROFILES TO BIOAVAILABLE STRONTIUM ISOSCAPES**
Le Corre, Mael (Department of Archaeology, University of Aberdeen) - Grimes, Vaughan (Department of Archaeology, Memorial University of Newfoundland) - Wright, Joshua (Department of Archaeology, University of Aberdeen) - Côté, Steeve (Caribou Ungava, Département de Biologie, Université Laval) - Britton, Kate (Department of Archaeology, University of Aberdeen)
- 12:15** **RECONCEPTUALIZING THE “EXOTIC SPECIES” THROUGH STABLE ISOTOPE ANALYSIS; THE INSIGHT FROM THE WARI EMPIRE’S ZOOARCHAEOLOGY**
Tomczyk, Weronika (Stanford University) - Ebert, Claire (University of Pittsburgh)
- 12:30** **DISCUSSION SLOT**

- 14:00 ACCEPTING THE CHALLENGE: STRONTIUM ISOTOPES ON THE BALEARIC ISLANDS (SPAIN)**
Valenzuela-Suau, Lua (ArqueoUIB Research Group. University of the Balearic Islands; SERP Research Group. University of Barcelona) - Valenzuela-Lamas, Sílvia (CSIC-Institució Milà i Fontanals) - Pena, Leopoldo (GRC Geociències Marines. University of Barcelona) - Díaz-Zorita Bonilla, Marta (Institut für Ur- und Frühgeschichte und Archäologie des Mittelalters. University of Tübingen) - Ramis Bernad, Damià (Independent researcher)
- 14:15 FACING CHALLENGES: MOBILITY STUDY THROUGH 87SR/86SR AND $\Delta 18O$ IN HUMAN DENTAL REMAINS BETWEEN THE CHALCOLITHIC AND IRON AGE IN BEJA(PORTUGAL)**
Melo, Linda (CIAS) - Bonilla, Marta (Institut für Ur- und Frühgeschichte und Archäologie des Mittelalters, Tübingen Universität) - Soares, António (Centro de Ciências e Tecnologias Nucleares - C2TN, Instituto Superior Técnico, Universidade de Lisboa) - Silva, Ana (Laboratory of Prehistory. Research Center in Anthropology and Health - CIAS, Department of Life Sciences, University of Coimbra)
- 14:30 STRENGTHS AND WEAKNESSES OF STRONTIUM ISOTOPES ANALYSIS ON THE EXAMPLE OF RESEARCH ON MEDIEVAL COMMUNITIES OF MAZOVIA AND PODLACHIA, POLAND**
Blaszczyk, Dariusz (University of Warsaw)
- 14:45 CONSIDERING CULTURAL DIETARY PRACTICES FOR INTERPRETING STRONTIUM ISOTOPES: THE PROBLEM OF NIXTAMALIZATION IN ANCIENT AND MODERN MEXICO**
Buckley, Gina - Renson, Virginie (University of Missouri Research Reactor)
- 15:00 BEYOND MOBILITY: STRONTIUM, BARIUM AND CALCIUM RATIOS IN TOOTH ENAMEL AS SUPPLEMENTARY PALAEODIETARY INDICATORS**
Blanz, Magdalena (Archaeology Institute, University of the Highlands and Islands, Orkney College UHI; Vienna Institute for Archaeological Science - VIAS, University of Vienna; Human Evolution and Archaeological Sciences - HEAS, University of Vienna) - Stewart, Samuel (Environmental Research Institute, University of the Highlands and Islands; Université Paris-Saclay, CEA) - Mainland, Ingrid (Archaeology Institute, University of the Highlands and Islands, Orkney College UHI) - Ascough, Philippa (NEIF Radiocarbon Laboratory, Scottish Universities Environmental Research Centre) - Raab, Andrea - Feldmann, Jörg (Institute for Chemistry, TESLA - Analytical Chemistry, University of Graz) - Taggart, Mark (Environmental Research Institute, University of the Highlands and Islands)

- 15:15 MOBILITY AND PALAEODIETARY RECONSTRUCTIONS FROM COMBINED $\Delta 88SR$ AND 87SR/86SR ANALYSIS WITH FOCUS ON SLOVENIAN CEMETERIES**
Gerritzen, Carina (Analytical, Environmental & Geo-Chemistry Research Unit, Vrije Universiteit Brussel; Maritime Cultures Research Unit, Vrije Universiteit Brussel) - Goderis, Steven (Analytical, Environmental & Geo-Chemistry Research Unit, Vrije Universiteit Brussel) - Leskovar, Tamara - Črešnar, Matija (Centre for interdisciplinary Research in Archaeology, Department of Archaeology, Faculty of Arts, University of Ljubljana) - James, Hannah (Analytical, Environmental & Geo-Chemistry Research Unit, Vrije Universiteit Brussel; Maritime Cultures Research Unit, Vrije Universiteit Brussel) - Potočnik, Doris - Ogrinc, Nives (Department of Environmental Sciences, Jožef Stefan Institute) - Snoeck, Christophe (Analytical, Environmental & Geo-Chemistry Research Unit, Vrije Universiteit Brussel; Maritime Cultures Research Unit, Vrije Universiteit Brussel)

15:30 DISCUSSION SLOT**POSTERS**

- A. DETERMINING THE BEST TECHNIQUE FOR 87SR/86SR ISOTOPE ANALYSIS OF BIOARCHAEOLOGICAL REMAINS**
Rogers, Bryony (Department of Archaeology, Durham University; National Environmental Isotope Facility, British Geological Survey) - Nowell, Geoff (Department of Earth Sciences, Durham University) - Pashley, Vanessa - Horstwood, Matthew (National Environmental Isotope Facility, British Geological Survey)
- B. WERE THEY ACTUALLY LOCAL? STRONTIUM ISOTOPE ANALYSIS OF INDIVIDUALS FROM THE ROMAN CEMETERY OF LUCUS FERONIAE (ROME, ITALY)**
Farese, Martina (Dipartimento di Biologia Ambientale, Sapienza Università di Roma) - Bernardini, Sara (Aix Marseille Univ, CNRS, Minist Culture, LAMPEA, Aix-en-Provence; Dipartimento di Biologia Ambientale, Sapienza Università di Roma) - Zeppilli, Carlotta - Micarelli, Ileana - Manzi, Giorgio - Tafuri, Mary Anne (Dipartimento di Biologia Ambientale, Sapienza Università di Roma)

379 THE ARCHAEOLOGY OF LARGE-SCALE CONFLICTS: THE EMERGENCE OF THE MONGOL EMPIRE AND THE INVASION OF CENTRAL-EUROPE IN ITS EURASIAN CONTEXT

Room: Building C, room 278
Time: 14:00 - 16:00
Theme: 4. Polis, Empire, League and Beyond – Living in Interconnected Societies
Format: Discussion session
Organisers: Laszlovszky, József (Central European University PU, Vienna) - Nagy, Balázs (Eötvös Loránd University, Budapest)



PAPERS

- 14:00 INTRODUCTION**
- 14:15 NEW TRENDS IN THE RESEARCH OF THE ARCHAEOLOGY OF THE MONGOL INVASION IN CENTRAL-EUROPE**
 Laszlovszky, József (Central European University, Budapest - KEE, CEU PU Vienna)
- 14:30 URBANISATION IN THE PERIOD OF LARGE-SCALE CONFLICTS: IMPACT OF THE MONGOL INVASIONS ON THE URBAN NETWORK OF THIRTEENTH-CENTURY HUNGARY**
 Nagy, Balázs (Eötvös Loránd University, Budapest)
- 14:45 LONGTERM IMPACTS OF THE MONGOL INVASION: TRACES OF STRUCTURAL CHANGES IN THE KINGDOM OF HUNGARY (1241-1332)**
 F. Romhányi, Beatrix (Károli Gáspár University of the Reformed Church)
- 15:00 DISCUSSION SLOT**

383 SCALING UP: ARCHAEOLOGICAL SCIENCE CONTRIBUTIONS TO BIG-PICTURE NARRATIVES ON HUMAN-ANIMAL RELATIONS

Room: Main building, room 252
Time: 16:30 - 18:30
Theme: 5. Climate Change and Socioenvironmental Perspectives
Format: Discussion session
Organisers: Milek, Karen (Durham University, Department of Archaeology) - Armstrong-Oma, Kristin (University of Stavanger, Museum of Archaeology)

PAPERS

- 16:30 INTRODUCTION**
- 16:45 FISH FOR FOOD? NOT AT ALL! FISH AS PRESTIGE OBJECTS IN ANCIENT ROME**
 Schmölcke, Ulrich (Centre for Baltic and Scandinavian Archaeology - ZBSA)
- 17:00 THE BIG PIG PICTURE: SUID-HUMAN RELATIONSHIPS AND MANAGEMENT PRACTICES IN THE NEOLITHIC AND CHALCOLITHIC OF SOUTH-EASTERN EUROPE AND BEYOND**
 Blanz, Magdalena (Vienna Institute for Archaeological Science - VIAS, University of Vienna, Austria; Human Evolution and Archaeological Sciences - HEAS, University of Vienna) - Balasse, Marie (UMR7209 'Archéozoologie, Archéobotanique: Sociétés, Pratiques, Environnements', CNRS/MNHN) - Gál, Erika (Institute of Archaeology, Research Centre for the Humanities, Eötvös Loránd Research Network) - Gorczyk, John (Dept. Anthropology, Cornell University) - Bălăşescu, Adrian (Institute of Archaeology, Romanian Academy) - Radu, Valentin (National History Museum of Romania, Bucharest) - Fiorillo, Denis (UMR7209 'Archéozoologie, Archéobotanique: Sociétés, Pratiques, Environnements', CNRS/MNHN) - Ivanova, Maria (Vienna Institute for Archaeological Science - VIAS, University of Vienna, Austria; Human Evolution and Archaeological Sciences - HEAS, University of Vienna)
- 17:15 INTEGRATING STABLE ISOTOPE AND ZOOARCHAEOLOGICAL EVIDENCE TO UNDERSTAND HUMAN-ANIMAL-ENVIRONMENT RELATIONS DURING THE LATE PLEISTOCENE**
 Jones, Jennifer (University of Central Lancashire) - Marín-Arroyo, Ana (Grupo de I+D+i EVOADAPTA - Evolución Humana y Adaptaciones Económicas y Ecológicas durante la Prehistoria. Dpto. Ciencias Históricas. Universidad de Cantabria)
- 17:30 DISCUSSION SLOT**

384 WOMEN'S STATUS AND AGENCY IN THE NEOLITHIC AND METAL AGES OF CENTRAL EUROPE



Room: Main building, room 112

Time: 8:30 - 13:00

Theme: 3. The Carpathian Basin: Integration, Mobility and Diversity

Format: Regular session

Organisers: Jaeger, Mateusz (Adam Mickiewicz University in Poznań, Institute of European Culture) - Kulcsár, Gabriella (Institute of Archaeology Research Centre for the Humanities) - Strózyk, Mateusz (Poznań Archaeological Museum) - Rebay-Salisbury, Katharina (Austrian Archaeological Institute, Austrian Academy of Sciences) - Melis, Eszter (Institute of Archaeology Research Centre for the Humanities)

PAPERS

8:30 INTRODUCTION

8:45 THE WOMEN OF THE GUMELNIȚA SITE (ROMANIA, 5TH MILLENNIUM BC): FARMERS, HUNTRESSES, PASTORALISTS? A STUDY ON STABLE ISOTOPES

García-Vázquez, Ana (ArchaeoSciences Division, Research Institute of the University of Bucharest - ICUB, University of Bucharest) - Balasescu, Adrian - Vasile, Gabriel - Golea, Mihaela ("Vasile Pârvan" Institute of Archaeology, Romanian Academy, Bucharest) - Radu, Valentin (ArchaeoSciences Division, Research Institute of the University of Bucharest - ICUB, University of Bucharest; National Museum of Romanian History, Bucharest) - Lazar, Catalin (ArchaeoSciences Division, Research Institute of the University of Bucharest - ICUB, University of Bucharest)

9:00 TEMPORALITY AND GENDER RELATIONS DURING THE EARLY NEOLITHIC IN CENTRAL EUROPE: THE CASE OF "SCHWETZINGEN" CEMETERY (SOUTH-WESTERN GERMANY)

Masclans, Alba (Consejo Superior de Investigaciones Científicas – CSIC Institución Milà i Fontanals – IMF) - Bickle, Penny (University of York, Department of Archaeology) - Díaz-Zorita Bonilla, Marta (University of Tübingen, Institut für Ur- und Frühgeschichte und Archäologie des Mittelalters) - Francken, Michael (Landesamt für Denkmalpflege) - Morell, Berta (Consejo Superior de Investigaciones Científicas – CSIC Institución Milà i Fontanals – IMF)

9:15 GENDER ON THE MOVE: CHRONOLOGY AND EXOGAMIC PRACTICES AT THE BEGINNING OF FARMING. THE CASE OF NORTH CARPATHIAN BASIN

Morell, Berta (Milà i Fontanals Institution-Spanish National Research Council - IMF-CSIC) - Díaz-Zorita Bonilla, Marta (Institut für Ur- und

Frühgeschichte und Archäologie des Mittelalters. University of Tübingen) - Bickle, Penny (Department of Archaeology, University of York) - Tvrđý, Zdeněk (Anthropos Institute, Moravian Museum) - Masclans, Alba (Milà i Fontanals Institution-Spanish National Research Council - IMF-CSIC)

9:30 IS IT A MAN'S WORLD? WOMEN BURIALS IN WESTERNMOST YAMNAYA REGIONS

Preda-Balanica, Bianca (University of Helsinki)

9:45 GENDER INTENSITY AT EARLY BRONZE AGE CEMETERIES IN AUSTRIA

Rebay-Salisbury, Katharina (Austrian Academy of Sciences)

10:00 WOMEN'S IDENTITY AND STATUS WITHIN THE EARLY AND MIDDLE BRONZE AGE INHUMATION BURIALS FROM WESTERN HUNGARY

Melis, Eszter (Institute of Archaeology, Research Centre for the Humanities, ELRN)

10:15 DISCUSSION SLOT

11:00 GENDER ROLES IN PREHISTORIC AGRICULTURE? – HARVESTING DURING THE BRONZE AGE IN CENTRAL EUROPE

Fejer, Eszter (Eötvös Loránd University)

11:15 A WOMAN AS THE REFLECTION OF HER MAN? TESTIMONY OF THE EARLY BRONZE AGE CEMETERIES IN KOLÍN AND MIKULOVICE (BOHEMIA)

Langova, Michaela - Papac, Luka - Šumberová, Radka - Brzobohatá, Hana - Ernée, Michal (Institute of Archaeology of the Academy of Sciences of the Czech Republic, Prague)

11:30 MEN MAKE THE WORLD GO ROUND? THE STATUS OF WOMEN IN THE LIGHT OF ANALYSES OF EBA CEMETERIES IN SLOVAKIA

Jaeger, Mateusz (Adam Mickiewicz University in Poznań) - Strózyk, Mateusz (Poznań Archaeological Museum) - Olexa, Ladislav (Institute of Archaeology Slovak Academy of Sciences)

11:45 FEMALE MOBILITY IN A CHANGING BRONZE AGE WORLD: INVESTIGATING THE CONNECTIONS BETWEEN MOBILITY OF PEOPLE AND SHIFTING TRADING NETWORKS 1300BC

Noergaard, Heide (Moesgaard Museum, Department of Archaeology)

12:00 BRONZE AGE 'PRINCESS' OF SŰKÖSD: CASE STUDY ON WOMEN'S STATUS AND AGENCY IN TUMULUS CULTURE IN THE CARPATHIAN BASIN

Pap, Evelin (Türr István Múzeum és Bácskai Művelődési Központ) - Csuvár-Andrási, Réka - Pásztor, Emília (Türr István Múzeum és Bácskai Művelődési Központ)

- 12:15 THE ROLE(S) OF WOMEN IN SITULA ART**
Schaller, Clara (Ludwig-Maximilians-Universität Munich)
- 12:30 DISCUSSION SLOT**

385 PLACE NAME AND ARCHAEOLOGY – NEW INTERDISCIPLINARY APPROACHES IN EUROPE

- Room:** Main building, room 39
Time: 14:00 - 18:00
Theme: 2. [Re]integration
Format: Regular session
Organisers: Ødegaard, Marie (Museum of Archaeology, University of Stavanger)
 - Albris, Laurine (National Museum of Denmark) - Heinonen, Tuuli (University of Helsinki)



PAPERS

- 14:00 THE NAME OF THE PELOPONNESE AND RELATED ISLAND NAMES IN ANTIQUITY**
Patay-Horváth, András (Research Centre for the Humanities)
- 14:15 FINDING OLD SETTLEMENTS IN NEW WAYS? PLACE NAMES, DESERTED MEDIEVAL VILLAGES AND LIDAR**
Heinonen, Tuuli (University of Helsinki)
- 14:30 DID THE URNE FAMILY CLEAR THE WOODS? WHAT DO THE PLACENAMES SAY?**
Hartvig, Anders (Museum Sonderjylland)
- 14:45 DISCUSSION SLOT**
- 15:00 ARCHAEOLOGICAL-TOPONOMASTIC RESEARCH AND SPATIAL ANALYSIS OF EARLY MEDIEVAL BAVARIA**
Janovská, Viktorie (Charles University)
- 15:15 THE RELATIONSHIP BETWEEN ARCHAEOLOGY, PLACE NAMES AND ORAL TRADITION, IN PORTUGAL – AN INTERDISCIPLINARY APPROACH**
Vieira, Alexandra (CITCEM - Transdisciplinary Research Centre «Culture, Space and Memory»; Instituto Politécnico de Bragança)
- 15:30 PLACE NAMES AND PRE-CHRISTIAN RITUAL SITES IN SCANDINAVIA - HOW NEW ARCHAEOLOGICAL FINDS PUSH OUR VIEWS ON TERMINOLOGY**
Albris, Sofie Laurine (National Museum of Denmark)
- 15:45 DISCUSSION SLOT**

- 16:30 BEACONS AND MILITARY COMMUNICATION IN THE VIKING AGE. PLACE NAMES OF CIVIL DEFENCE IN WESTERN NORWAY**
Ødegaard, Marie (Museum of Archaeology, University of Stavanger)
- 16:45 CAN'T SEE THE MONKS FOR THE TREES - TOPONYMS IN THE SERVICE OF PAULINE MONASTIC LANDSCAPE STUDIES**
Peto, Zsuzsa (Hungarian National Museum / Magyar Nemzeti Múzeum; Central European University, Medieval Studies Doctoral Program)
- 17:00 PLACE NAMES AND THE LANDSCAPE OF THE NORDIC BEACON SYSTEM IN THE MEDIEVAL AND POST MEDIEVAL PERIOD**
Nytun, Arve (Møre og Romsdal county)
- 17:15 DISCUSSION SLOT**

392 THE ANTI-HABI TOOLKIT: PRACTICAL SOLUTIONS AND MEASURES FOR PREVENTING AND ADDRESSING HARASSMENT, ASSAULT, BULLYING AND INTIMIDATION IN ARCHAEOLOGY

- Room:** Building R, room E253
Time: 16:30 - 18:30
Theme: 1. Archaeologists and Archaeology Here and Now
Format: Discussion session
Organisers: Coltofean-Arizancu, Laura (Archaeology and Gender in Europe - AGE - Community of the EAA) - Gaydarska, Bisserka (Durham University; Archaeology and Gender in Europe - AGE - Community of the EAA) - Hlad, Marta (Vrije Universiteit Brussel; Université Libre de Bruxelles; Archaeology and Gender in Europe - AGE - Community of the EAA)



PAPERS

- 16:30 POWER, PATRIMONY AND THE PRECARIAT IN ACADEMIC ARCHAEOLOGY: A CASE STUDY FROM IRELAND**
Whitefield, Andrew (National University of Ireland, Galway)
- 16:45 #EXCAVATIONINPROGRESS – PRACTICAL EXAMPLES FROM THE SWEDISH MOVEMENT AGAINST SEXUAL HARASSMENT AND GENDER INEQUALITY**
Bergerbrant, Sophie (Department of Historical Studies, Gothenburg University) - Aldén Rudd, Petra (Rio Göteborg) - Berg, Ingrid (Centre for Integrated Research on Culture and Society - CIRCUS, Uppsala University)

- 17:00** **WHERE DO WE DRAW THE LINE? LESSONS FROM WORKPLACE ANTI-HARASSMENT INTERVENTIONS**
Hawkins, Kayt (Kathryn) (Institute of Archaeology, University College London) - Siddall, Ruth (University College London)
- 17:15** **CHALLENGES FOR FOSTERING EQUALITY AND INTERSECTIONALITY AT THE UNIVERSITY OF BARCELONA: THE CASE OF THE INSTITUTE OF ARCHAEOLOGY (IAUB)**
Pastor Pérez, Ana (Institute of Archaeology of the University of Barcelona - IAUB; Norwegian Institute for Cultural Heritage Research - NIKU; Research Group on Cultural Heritage Management of the Complutense University of Madrid - UCM.; Grup d'Arqueologia Pública i Patrimoni - GAPP) - Mas Florit, Catalina - Pecci, Alessandra - Plaza Conesa, Paula (Equip de Recerca Arqueològica i Arqueomètrica de la Universitat de Barcelona - ERAAUB; Institut d'Arqueologia de la Universitat de Barcelona - IAUB) - Zarzuela Gutiérrez, Paloma (Grup d'Arqueologia Pública i Patrimoni - GAPP; Institut d'Arqueologia de la Universitat de Barcelona - IAUB)
- 17:30** **WELFARE AND WELLBEING IN ARCHAEOLOGY – WHO IS RESPONSIBLE AND HOW CHANGE CAN BE GENERATED?**
Coltofean-Arizancu, Laura - Gaydarska, Bisserka - Hlad, Marta (Archaeology and Gender in Europe - AGE - Community of the EAA)
- 17:45** **DISCUSSION SLOT**

394 **SO MANY SETTLEMENTS SO FEW GRAVES? NEOLITHIC AND CHALCOLITHIC PRACTICES WITH THE DEAD IN CIRCUM PONTIC REGION AND SOUTHEASTERN EUROPE**

Room: Building R, room E356
Time: 8:30 - 10:30
Theme: 3. The Carpathian Basin: Integration, Mobility and Diversity
Format: Regular session
Organisers: Shatilo, Liudmyla (Institute of Archaeology NASU; Kiel University, Institute of Prehistoric and Protohistoric Archaeology) - Hofmann, Robert (Kiel University, Institute of Prehistoric and Protohistoric Archaeology; CRC 1266: "Scales of Transformation - Human-Environmental Interaction in Prehistoric and Archaic Societies") - Naumov, Goce (Goce Delcev University of Štip, Institute of History and Archaeology)

PAPERS

- 8:30** **NOT JUST ANOTHER BURIAL GROUND: THE EARLY NEOLITHIC DITCH BURIALS AT NOVA NADEZHDA IN UPPER THRACE**
Bacvarov, Krum - Nikolova, Nikolina - Katsarov, Georgi - Tsurev, Atanas (National Institute of Archaeology & Museum, Bulgarian Academy of Sciences) - McSweeney, Kathleen (School of History, Classics and Archaeology, University of Edinburgh)
- 8:45** **THE ABSENCE OF INTRAMURAL BURIALS IN NEOLITHIC PELAGONIA**
Naumov, Goce (Center for Prehistoric Research; Museum of Macedonia)
- 9:00** **SO FEW GRAVES SO MANY SETTLEMENTS! THE CURIOUS CASE OF CHALCOLITHIC PEOPLE FROM SOUTHEASTERN ROMANIA (C. 5200-3900 BCE)**
Covataru, Cristina - Toma, Andreea - Popescu, Gabriel - Petrache, Noria - Lazar, Catalin (ArchaeoSciences Division, ICUB, University of Bucharest)
- 9:15** **DISCUSSION SLOT**
- 9:30** **DEATH IN FIRE? RECONSIDERING HUMAN REMAINS FROM THE TRIPOLYE SETTLEMENT KOSENVKA, UKRAINE**
Shatilo, Liudmyla (Institute of Archaeology of the National Academy of Science of Ukraine) - Fuchs, Katharina (Kiel University, Institute of Clinical Molecular Biology) - Hofmann, Robert (Kiel University, CRC 1266: "Scales of Transformation - Human-Environmental Interaction in Prehistoric and Archaic Societies")
- 9:45** **FUNERAL RITES AND RITUALS IN CUCUTENI CULTURE**
Preoteasa, Constantin (Neamț National Museum Complex)
- 10:00** **GHOSTS AND ANCESTORS, PITS AND HOUSES: DIFFERENT APPROACHES OF THE RITE DE PASSAGE IN NEOLITHIC AND CHALCOLITHIC SOCIETIES**
Mueller, Johannes (Institut fuer Ur- und Fruehgeschichte Kiel)
- 10:15** **DISCUSSION SLOT**

396 REENACTMENT AND LIVING MUSEUM – MAKE HISTORY ACCESSIBLE

Room: Main building, room 137

Time: 8:30 - 15:00

Theme: 1. Archaeologists and Archaeology Here and Now

Format: Regular session

Organisers: Abonyi, Zsanett (Budapest History Museum - Aquincum Museum) - Lenár, Vilmos György (Colonia Rostallo Kulturális és Hadtörténeti Alapítvány; Eötvös Loránd University) - Burandt, Boris (State Office for Archaeological Heritage Protection, Rhineland)

PAPERS

8:30 BETTER TOGETHER - WAYS AND PATHS, HOW SCIENTIFIC APPROACH AND HISTORICAL REENACTMENT CAN GO HAND-IN-HAND

Abonyi, Zsanett (Budapesti Történeti Múzeum/ Budapest History Museum)

8:45 REENACTMENT AS A PROJECT OF PARTICIPATION

Toulouse, Catherine - Lengyel, Dominik (BTU Brandenburg University of Technology Cottbus-Senftenberg)

9:00 REENACTMENT AND ACADEMIA - A RELATIONSHIP WITH OBSTACLES

Burandt, Boris (Archaeological Museum Burg Linn, Krefeld)

9:15 NEW POSSIBILITIES OF RECONSTRUCTIONIST APPROACH IN REENACTMENT AND MUSEUM PRESENTATIONS

Lenár, Vilmos (Colonia Rostallo Kulturális és Hadtörténeti Alapítvány; Eötvös Loránd University)

9:30 DISCUSSION SLOT

9:45 PROFESSIONALISING LIVING HISTORY: THE ROCKY ROAD TO RECOGNITION OF INHERENT EXPERTISE

Frank, Geza (Living History)

10:00 THE HISTORICAL REENACTMENT IN HUNGARY

Simó, Márton (ethnographer; museologist)

10:15 DANUVINA ALACRIS - MAKING HISTORY ACCESSIBLE THROUGH A ROMAN RECONSTRUCTED SHIP

Pálóczi, Réka (Kulturális Örökség Menedzserek Egyesülete)

11:00 DISCUSSION SLOT

11:15 FAST OR SLOW FASHION APPROACH IN LIVING ARCHAEOLOGICAL INTERPRETATIONS AND NARRATIVES? A FROM-DATA-TO-INTERPRETATION EXPERIENCE WITH ROMAN TEXTILE-REFURBISHING WORKSHOPS

Pásztókai-Szeoke, Judit (freelance archaeologist)

11:30 PRESENTING ROMAN GLASS VESSELS FROM THE AQUINCUM CIVIL TOWN

Kelemen, Zsófia (Budapest History Museum)

11:45 THE WAYS OF HISTORICAL RECONSTRUCTION IN THE XXITH CENTURY

Mestellér, János (Foedus Orientalis Cultural Association; Kazár Bazár)

12:00 DISCUSSION SLOT

12:15 PERFORMING ETHNICISM? EARLY MEDIEVAL RE-ENACTMENT AS PART OF RADICAL RIGHT-WING SUBCULTURE IN CENTRAL EUROPE

Reichenbach, Karin (Leibniz-Institute for the History and Culture of Eastern Europe - GWZO)

12:30 FROM AN ARCHAEOLOGICAL SITE TO A NOBLE FEAST – HISTORICAL AND EXPERIMENTAL COOKING PRACTICE IN HUNGARY

Zay, Orsolya (Dobó István Vármúzeum)

12:45 ARCHEOMARKETING BUDAPEST, HISTORY ON THE HUNGARIAN MARKET

Sebo, Béla (No)

14:00 DISCUSSION SLOT

397 ARCHAEOLOGICAL PROSPECTION AND FIELD EVALUATION PRACTICE FROM BOLOGNA PROCESS TO CONVENTION OF LA VALETTA. DO WE PRACTICE WHAT WE PREACH?

Room: Building R, room E021

Time: 8:30 - 12:30

Theme: 1. Archaeologists and Archaeology Here and Now

Format: Regular session

Organisers: Verhegge, Jeroen (Ghent University-Department of Archaeology; Ghent University-Department of Environment) - De Smedt, Philippe (Ghent University-Department of Environment; Ghent University-Department of Archaeology) - Sarris, Apostolos (University of Cyprus-Department of History and Archaeology) - Simon, François-Xavier (Institut national de recherches archéologiques préventives, Direction Scientifique et Technique; Laboratoire Chrono-environnement – CNRS – UFC, UMR 6249)

Session related to the Archaeological Prospection Community.

PAPERS

- 8:30 INTRODUCTION**
- 8:45 APPLYING NON-INTRUSIVE METHOD “WHENEVER POSSIBLE?” - THE VALETTA CONVENTION AND THE ICOMOS CHARTER AS SEEN FROM NORWEGIAN HERITAGE MANAGEMENT VIEWPOINT**
Stamnes, Arne (NTNU University Museum, Dept. of Archaeology and Cultural History; The National Museum of Denmark, Dept. of Ancient cultures of Danish and the Mediterran; Aarhus University, Dept. of Geoscience)
- 9:00 THE USE OF NON-DESTRUCTIVE METHODS WITHIN DEVELOPMENT-LED PROSPECTION. NEW EXPERIENCES FROM MØRE & ROMSDAL, NORWAY**
Dahle, Kristoffer (NTNU University Museum; Møre & Romsdal County)
- 9:15 LARGE INFRASTRUCTURE CONSTRUCTIONS - AN INTEGRATION OF ARCHAEOGEOLOGICAL PROSPECTION IN TO THE DEVELOPMENT-LED ARCHAEOLOGY IN THE CZECH REPUBLIC**
Tencer, Tomáš - Milo, Peter (Masaryk University; Faculty of Arts; Department of Archaeology and Museology) - Hlas, Jindřich - Zezula, Michal (The National Heritage Institute, Regional Office Opava) - Šálka, David - Havelka, Jan - Vágner, Michal (Masaryk University; Faculty of Arts; Department of Archaeology and Museology)
- 9:30 ARCHAEOLOGICAL PROSPECTION IN THE NETHERLANDS VIEWED FROM A COMMERCIAL COMPANY**
Orbons, Joep (ArcheoPro)
- 9:45 TARTARIA - PODU TARTARIEI VEST. IDENTIFYING A SITE BY DEVELOPMENT-LED ARCHAEOLOGY AND SETTING UP A SCHEDULED MULTI-ANNUAL RESEARCH PROGRAM**
Bors, Corina Ioana (National History Museum of Romania - MNIR) - Asandulesei, Andrei - Tencariu, Felix (“Alexandru Ioan Cuza” University - Iasi) - Cocis, Horatiu (County Museum of History and Art - Zalau)
- 10:00 DISCUSSION SLOT**
- 11:00 INNOVATIVE GPR PROSPECTING ON CULTURAL HERITAGE**
Persico, Raffaele (University of Calabria) - Catapano, Ilaria - Ludeno, Giovanni (IREA-CNR) - D’Amico, Sebastiano - Colica, Emanuele (University of Malta) - Giardino, Claudio - Zappatore, Tiziana - Auriemma, Rita - Coluccia, Luigi - Antonazzo, Antonella (University of Salento)
- 11:15 PREDICTING DYNAMIC GEOPHYSICAL CONTRASTS OF ARCHAEOLOGICAL FEATURES AT VALTHER-TWEELING: A PATHWAY TOWARDS MORE**

ROBUST IMPLEMENTATION OF GEOPHYSICS IN DEVELOPMENT-LED ARCHAEOLOGY?

Verhegge, Jeroen (Department of Archaeology, Faculty of Arts & Philosophy, Ghent University; Department of Environment, Faculty of Bioscience Engineering, Ghent University) - Mendoza Veirana, Gaston - Cornelis, Wim (Department of Environment, Faculty of Bioscience Engineering, Ghent University) - Crombé, Philippe (Department of Archaeology, Faculty of Arts & Philosophy, Ghent University) - Grison, Hana (Institute of Geophysics of the Czech Academy of Sciences) - De Kort, Jan-Willem - Rensink, Eelco (Cultural Heritage Agency of the Netherlands) - De Smedt, Philippe (Department of Environment, Faculty of Bioscience Engineering, Ghent University; Department of Archaeology, Faculty of Arts & Philosophy, Ghent University)

11:30 SIMULATING TRENCHING FOR ARCHAEOLOGICAL EVALUATION: COMPARING THE VARIABILITY OF RESULTS AND DEALING WITH THE PROBLEM OF FALSE NEGATIVES

Higham, Richard (University of Brighton; SEAHA - EPSRC Centre for Doctoral Training in Science and Engineering in Arts, Heritage and Archaeology) - Carey, Chris (University of Brighton) - Corcoran, Jane (Historic England) - Knight, David (Trent & Peak Archaeology) - Brolly, Matthew - Cole, James (University of Brighton)

11:45 DISCUSSION SLOT

POSTERS

- A. ARCHAEOLOGICAL SURFACE PROSPECTION: FROM UNIVERSITY TEACHING TO FIELD PRACTICE. THE STATE OF THE QUESTION IN PORTUGAL**
Pereira Rocha, Leonor Maria (Universidade de Évora; CEAACP/UAlg) - Branco, Gertrudes (CHAIA/ Universidade de Évora)
- B. THE LEGAL THEORY AND PRACTICAL EXERCISE OF ARCHAEOLOGICAL HERITAGE CONSERVATION**
Branco, Gertrudes (CHAIA) - Rocha, Leonor (CEAACP/UAlg)

400 STEP BY STEP. THE ROUGH ROAD TOWARDS COMMUNITY ARCHAEOLOGY

Room: Building R, room E245

Time: 14:00 - 18:00

Theme: 1. Archaeologists and Archaeology Here and Now

Format: Regular session

Organisers: Wollak, Katalin (Independent heritage expert; Hungarian Association of Archaeology and Art History) - Mařík, Jan (Institute of Archeology)

of the CAS, Prague) - Rácz, Ákos (Ferenczy Museum Centre, Szentendre; Community Archaeology Association)

PAPERS

- 14:00 INTRODUCTION**
- 14:15 METAL DETECTING AS CITIZEN SCIENCE IN DENMARK**
Dobař, Andres (Department of Archaeology, Aarhus University; Moesgaard Museum - MOMU)
- 14:30 METAL DETECTING AS PART OF ARCHAEOLOGICAL CIVIC SCIENCE IN THE CZECH REPUBLIC - CURRENT DEVELOPMENT, CHALLENGES, AND THREATS**
Komoróczy, Balázs - Vlach, Marek - Kmošková, Michaela (Institute of Archaeology of the Czech Academy of Sciences, Brno)
- 14:45 THE ROLE OF THE HUNGARIAN NATIONAL MUSEUM IN COMMUNITY ARCHAEOLOGY**
Vida, István - Rózsa, Zoltán (Hungarian National Museum / Magyar Nemzeti Múzeum)
- 15:00 DISCUSSION SLOT**
- 15:15 NAVIGATING THE BUMPY ROAD: HUNDREDS OF HOBBYISTS, THOUSANDS OF FINDS, AND RELATED ISSUES IN ESTONIA**
Kurisoo, Tuuli (Tallinn University)
- 15:30 CURRENT ARCHAEOLOGY, THE PROTECTION OF MONUMENTS AND THE LAIC PUBLIC IN SLOVAKIA. PROBLEMS AND SOLUTIONS**
Ruttkay, Matej - Pieta, Karol (Institute of Archaeology, Slovak Academy of Sciences)
- 15:45 DISCUSSION SLOT**
- 16:30 COMMUNITY ARCHAEOLOGY IN FEJÉR COUNTY (HUNGARY) – PROTOCOL, ACHIEVEMENTS AND CHALLENGES**
Szücsi, Frigyes - Kiss, Alexandra (Szent István Király Museum; Community Archaeology Association)
- 16:45 SAVING A HUNGARIAN CASTLE SZADVAR, CIVILIANS BUILDING COMMUNITY FOR ARCHEOLOGY**
Dobos, Janos (Friends of Szadvar)
- 17:00 DISCUSSION SLOT**

402 SCALING BRONZE AGE SOCIETIES – BETWEEN THE MICRO AND MACRO

- Room:** Building C, room 278
Time: 16:30 - 18:30
Theme: 6. A Decade after the 'Third Science Revolution in Archaeology'
Format: Regular session
Organisers: Austvoll, Knut Ivar (University of Oslo; University of Gothenburg) - Horn, Christian (University of Gothenburg) - Anfinset, Nils (University of Bergen)

PAPERS

- 16:30 INTRODUCTION**
- 16:45 SCALING AND EVALUATING LATE NEOLITHIC AND BRONZE AGE SETTLEMENT SITES IN SOUTH-EASTERN NORWAY**
Sand-Eriksen, Anette (Museum of Cultural History, University of Oslo)
- 17:00 POPULATION DYNAMICS IN MIDDLE AND LATE BRONZE AGE BRITAIN FROM THE MACRO TO THE MICRO-SCALE**
Armit, Ian - Bleasdale, Madeleine (University of York) - Büster, Lindsey (University of York; Canterbury Christchurch University) - Fischer, Claire-Elise (University of York) - Evans, Jane (British Geological Survey) - Reich, David (Harvard University)
- 17:15 MODELLING LOCAL BRONZE AGE SOCIETIES IN SCANDINAVIA**
Austvoll, Knut Ivar (University of Oslo) - Artursson, Magnus - Horn, Christian - Green, Ashely - Ling, Johan (University of Gothenburg)
- 17:30 THE MICRO, THE MACRO AND THE COMPLEX: THEORETICAL AND EPISTEMOLOGICAL CHALLENGES OF APPLYING MULTI-SCALAR APPROACHES TO PREHISTORIC SOCIETIES**
Moyano Di Carlo, Julián (University of Gothenburg)
- 17:45 ENCIRCLED BY STONES. POTTERY, DEATH, WOMEN, AND POLITICS ACROSS THE BALTIC SEA**
Polanska, Weronika (University of Oslo)
- 18:00 WATER AND THE AFTERLIFE – WATER-RELATED RESOURCES IN THE BURIAL CONSTRUCTION OF THE NORDIC BRONZE AGE**
Horn, Christian (Gothenburg University)
- 18:15 DISCUSSION SLOT**

403 DOMESTICATION OF SPACE: INTERNAL AND EXTERNAL DWELLING STRUCTURES IN MIDDLE AND UPPER PALAEOLITHIC SITES



Room: Building A, room 150
Time: 16:30 - 18:30
Theme: 5. Climate Change and Socioenvironmental Perspectives
Format: Regular session
Organisers: PEAN, Stéphane (Muséum national d'Histoire naturelle, UMR 7194 HNHP) - Shydlovskiy, Pavlo (Taras Shevchenko National University of Kyiv, Department of Archaeology and Museology) - Mester, Zsolt (Eötvös Loránd Tudományegyetem BTK Régészettudományi Intézet)

PAPERS

- 16:30 INTRODUCTION**
- 16:45 STUDYING SPATIAL PATTERNS AT THE ABRI DU MARAS (SOUTH-EAST FRANCE, MIS 3): A GIS ANALYSIS AND 3D PALAEO TOPOGRAPHIC RECONSTRUCTION**
 Guillemot, Pierre - Moncel, Marie-Hélène (Muséum National d'Histoire Naturelle - MNHN, UMR 7194 HNHP) - Jaillet, Stéphane (Laboratoire Environnement Dynamiques et Territoires de Montagne - EDYTEM, UMR 5204) - Chacón, M.Gema (Institut Català de Paleoecologia Humana i Evolució Social - IPHES-CERCA; Departament d'Història i Història de l'Art, Universitat Rovira i Virgili - URV; Muséum National d'Histoire Naturelle - MNHN, UMR 7194 HNHP) - Pois, Véronique (Université Perpignan Via Domitia - UPVD, UMR 7194 HNHP)
- 17:00 THREE LITHIC CLUSTERS – THREE DIFFERENT FUNCTIONS? LITHIC ANALYSIS OF THE ASSEMBLAGES FROM MOGYORÓSBÁNYA, N-HUNGARY**
 Markó, András (Hungarian National Museum - Budapest; University of Szeged)
- 17:15 LATE UPPER PALAEO LITHIC DWELLING STRUCTURES FROM MOHELNO- PLEVOVCE (MORAVIA, CZECH REPUBLIC)**
 Bartík, Jaroslav - Škrála, Petr (Institute of Archaeology of the CAS, Brno) - Nejman, Ladislav (School of Archaeology and Anthropology, The Australian National University) - Demidenko, Yuri (Ferenc Rákóczi II Transcarpathian Hungarian Institute; Institute of Archaeology NASU) - Rychtaříková, Tereza - Augustinová, Klára (Institute of Archaeology of the CAS, Brno)

- 17:30 INTERNAL AND EXTERNAL STRUCTURES OF THE UPPER PALAEO LITHIC DWELLING NO.4 FROM MEZHYRICH SETTLEMENT (UKRAINE)**
 Shydlovskiy, Pavlo (Taras Shevchenko National University of Kyiv; Muséum national d'histoire naturelle, UMR 7194 HNHP; Centre for Paleoethnological Research) - Péan, Stéphane (Muséum national d'histoire naturelle, UMR 7194 HNHP) - Tsvirkun, Ostap (National Museum of the History of Ukraine; National University of Kyiv-Mohyla Academy; Centre for Paleoethnological Research) - Chymyrys, Marharyta (Taras Shevchenko National University of Kyiv; Centre for Paleoethnological Research) - Dudnyk, Diana (Institute of Archaeology of the NAS of Ukraine; Centre for Paleoethnological Research)
- 17:45 LATE PALAEO LITHIC AND MESOLITHIC SETTLEMENT FEATURES IN THE CARPATHIAN BASIN**
 Király, Attila - Mester, Zsolt - Faragó, Norbert (Eötvös Lorány University Institute of Archaeological Sciences)
- 18:00 THE CORNERSTONES OF PALEOLITHIC DWELLING STRUCTURES: WHAT IS EVIDENT?**
 Chu, Wei (Leiden University)
- 18:15 DISCUSSION SLOT**

404 SOCIO-ENVIRONMENTAL SYSTEMS AND RESILIENCE TO DISTURBANCE REGIMES

Room: Building C, room 173
Time: 8:30 - 10:30
Theme: 5. Climate Change and Socioenvironmental Perspectives
Format: Regular session
Organisers: Solheim, Steinar (University of Oslo) - Kay, Andrea (MPI-SHH)

PAPERS

- 8:30 INTRODUCTION**
- 8:45 EXPLORING ENERGY REGIMES AS AN APPROACH TO CONTEXTUALIZING SOCIO-ENVIRONMENTAL SYSTEMS ACROSS DISCIPLINES**
 Vella, Emily - Hatlestad, Kailin (Uppsala University) - Martinez, Alexandre (Vrije Universiteit Amsterdam) - Lindholm, Karl-Johan (Uppsala University) - Nikulina, Anastasia (Leiden University) - Zapolska, Anhelina (Vrije Universiteit Amsterdam) - Svenning, Jens-Christian (Aarhus University) - Kluiving, Sjoerd (Vrije Universiteit Amsterdam)

- 9:00 LUCKY LATITUDES: THE GEOGRAPHY OF PREHISTORIC HUMAN POPULATION GROWTH**
Bird, Darcy (Washington State University; Max Planck Institute for the Science of Human History) - Gauthier, Nicolas (University of Florida) - Freeman, Jacob (Utah State University)
- 9:15 FLOODPLAIN STABILITY CONTROLS THE GROWTH AND RESILIENCE OF WESTERN NORTH AMERICAN DRYLAND AGRICULTURAL COMMUNITIES**
Finley, Judson (Utah State University) - Robinson, Erick (Boise State University)
- 9:30 PREHISTORIC FARMERS IN THEIR DIVERSITY. LAND USE, LAND COVER AND DEMOGRAPHY IN CENTRAL EUROPE**
Kolar, Jan (Institute of Botany, Czech Academy of Sciences; Masaryk University) - Macek, Martin (Institute of Botany, Czech Academy of Sciences) - Abraham, Vojtech (Charles University) - Tkac, Peter (Institute of Botany, Czech Academy of Sciences; Masaryk University)
- 9:45 ENVIRONMENTAL PROBLEMS AND SOCIAL PROCESS IN LATE ROMAN HISPANIA: THE CASE OF THE ROMAN PROVINCE OF BAETICA (3RD-5TH CENTURIES)**
Marfín Casado, Juan Manuel (Universidad de Málaga)

10:00 DISCUSSION SLOT

POSTERS

- A. SOCIO-ENVIRONMENTAL RESPONSES TO THE 1ST MILLENNIUM AD DISTURBANCES; A CASE STUDY OF BRANDENBURG, EASTERN GERMANY**
Alinezhad, Khadijeh - Doerfler, Walter (Institute of Prehistoric and Protohistoric Archaeology of Kiel university)
- B. LANDSCAPE STABILITY OVER 1100 YEARS OF PASTORAL FARMING IN NORTH ICELAND**
Erlendsson, Egill - Eypórsdóttir, Elísabet (Institute of Life and Environmental Sciences, University of Iceland)

407 DIGITAL RELIGIOSCAPES: CURRENT METHODOLOGIES AND NOVELTIES IN THE ANALYSIS OF SACR(ALIZ)ED SPACES

Room: Main building, room 27
Time: 8:30 - 13:00
Theme: 6. A Decade after the 'Third Science Revolution in Archaeology'
Format: Regular session
Organisers: Lätzer-Lasar, Asuman (Max Weber Center, University of Erfurt) - Lamesa, Anaïs (French Institute for Anatolian Studies)

PAPERS

- 8:30 INTRODUCTION**
- 8:45 CREATING A DEEP-MAP OF THE ASKLEPIEION OF PERGAMON: PROCESS AND PITFALLS IN DIGITIZING A RELIGIOSCAPE**
Williamson, Christina - Katevaini, Alexandra (University of Groningen)
- 9:00 FEMALE ANGLO-SAXON SAINTS: IMMERSIVE STORYTELLING THROUGH INTERACTIVE WEB MAPS**
Tenzer, Martina (University of York)
- 9:15 DESCRIBING HERMION/ERMIONI WITH PAUSANIAS, A DEEP MAP**
Witmore, Christopher (Texas Tech University)
- 9:30 DIGITIZATION FOR THE RECONSTITUTION OF AN ALTERED COLONIAL CULTURAL HERITAGE, THE SAINT MONICA CHURCH TODAY IBN BADIS MOSQUE IN ALGERIA**
Bousnina, Monia (Université el Bez Sétif I)
- 9:45 RELIGIOSCAPE AND CAPPADOCIA, A NEW APPROACH FOR AN OLD RESEARCH SUBJECT**
Lamesa, Anaïs (IFEA) - Üçbaşaran, İdil (Ortahisar Belediyesi)
- 10:00 MAPPING THE SACRED LANDSCAPE OF CHALCIDICE**
Denk, Olivia (University of Basel)
- 10:15 DISCUSSION SLOT**
- 11:00 FROM MIKRO TO MAKRO MAPS: A CASE STUDY OF A RURAL SACRIFICIAL SITE IN THE ALPINE REGION**
Waldhart, Elisabeth - Gridling, Stefan - Stadler, Harald (Department of Archaeologies, University of Innsbruck)
- 11:15 RECONSTRUCTING SACRED LANDSCAPES: TOWARDS A PHENOMENOLOGY OF STONE PILLARS IN THE LEVANT**
Pappalardo, Chiara (University of Catania)
- 11:30 MAPPING THE IRON AGE MORTUARY LANDSCAPES OF THE INNER TIAN SHAN, KYRGYZSTAN: SURVEY, DIGITAL MAPPING, AND LANDSCAPE APPROACHES**
Chang, Claudia (Independent scholar; Research Associate, Institute for the Study of the Ancient World, New York University) - Tourtellotte, Perry (Independent Scholar)
- 11:45 DIGITAL DEATHSCAPES OF REPUBLICAN ROME**
Lätzer-Lasar, Asuman (Max Weber Centre, University of Erfurt)
- 12:00 DISCUSSION SLOT**

417 AS FAR AS VASES GO: STUDIES ON ANCIENT GREEK POTTERY TRADE AND ITS CONTEXTS

Room: Building A, room 429

Time: 8:30 - 16:00

Theme: 4. Polis, Empire, League and Beyond – Living in Interconnected Societies

Format: Regular session

Organisers: Gares-Molero, Alejandro (University of Valencia) - Rodriguez-Perez, Diana (University of Oxford) - Diez-Castillo, Agustin (University of Valencia)

PAPERS

8:30 INTRODUCTION

8:45 RELIEF WARES IN THE ARCHAIC MEDITERRANEAN: A TRANSCULTURAL AND DECENTRALIZED NETWORK

Ward, Andrew (Indiana University)

9:00 IMAGINED CREATURES AND THEIR TRAVELS: ARCHAIC VASES AS ENACTORS OF GEOGRAPHIES

Neill, Liz (Boston University)

9:15 THE CHANGE IN THE ROUTES OF ATTIC POTTERY IN THREE CENTURY OF ITS PRODUCTION

Giudice, Filippo (University of Catania) - Zisa, Flavia (Università Kore di Enna)

9:30 LONG DISTANCE TRADE NETWORKS AND IONIAN-INSPIRATIONS IN THE WORKSHOP OF AMASIS

Attout, Antoine (Université Libre de Bruxelles)

9:45 (RE)DEFINING THE TRADE ROUTES AND THE DISTRIBUTION PATTERNS OF A SIGNIFICANT ATTIC POTTERY WORKSHOP OF THE LATE ARCHAIC PERIOD

Kathariou, Kleopatra (University of Ioannina)

10:00 AS FAR AS ATTIC VASES GO: STUDYING THE PRESENCE OF ATHENIAN KERAMEIKOS IN ANCIENT THRACE

Tsiafaki, Despoina - Mourthos, Ioannis - Michailidou, Natasa - Karta, Meliana (Culture & Creative Industries Dpt, Athena Research Center, Xanthi Branch)

10:15 DISCUSSION SLOT

11:00 IMPORTATION AND FUNCTION OF ATTIC RED-FIGURE POTTERY IN RUVO DI PUGLIA IN THE LATE 5TH AND EARLY 4TH CENTURIES B.C.

Giudice, Elvia (University of Catania) - Giudice, Giada (Munich University, Gerda Henckel Stiftung)

11:15 A WOMAN'S SHAPE? GREEK VASES AND LOCAL IDENTITIES IN CENTRAL APULIAN TOMBS

Peruzzi, Bice (Rutgers State University of New Jersey)

11:30 ATTIC POTTERY IN UNPUBLISHED CONTEXTS OF THE NECROPOLIS OF VALLE PEGA IN SPINA

Vendrell Cabanillas, David (Autonomous University of Madrid)

11:45 THE REACH OF AN ATTIC WORKSHOP: TRADING HAIMONIAN VASES IN THE WESTERN MEDITERRANEAN

Gares Molero, Alejandro (Universitat de València) - Chidiroglou, Maria (National Archaeological Museum of Athens) - Macian Fuster, Alejandra (Universitat de València)

12:00 SETTING CORINTHIAN AMPHORAE IN THE WESTERN MEDITERRANEAN: PRODUCTION, TRADE(S), AND DISTRIBUTION ROUTES

Sanchez Conde, Francisco Javier (Universidad de Salamanca) - Gutierrez Soto, Itziar (Universidad de Alcalá) - Gares Molero, Alejandro (Universitat de Valencia)

12:15 DISTRIBUTION OF GREEK POTTERY IN THE WESTERN MEDITERRANEAN DURING THE SECOND HALF OF 6TH CENTURY BC: NEW EVIDENCE FROM EMPORION

Santos Retolaza, Marta - Castanyer Masoliver, Pere - Tremoleda Trilla, Joaquim (MAC Empúries)

12:30 DISCUSSION SLOT

14:00 ATTIC POTTERY IN IBERIA (LATE 5TH-4TH CENTURY BC): THE LONG PATH FROM PRODUCER TO CONSUMER

Dominguez, Adolfo (Universidad Autonoma de Madrid)

14:15 WAVES OF IMPORTS IN A DISTANT TERRITORY, THE IBERIAN EDETANIA: ATTIC SUPPLY, TRADING ROUTES AND LOCAL MARKETS

Macián Fuster, Alejandra - Garés Molero, Alejandro (Universitat de València)

14:30 TO BE OR NOT TO BE. THE DIALOG BETWEEN GREEK VESSELS AND IBERIAN POTTERY IMITATIONS IN THE UPPER GUADALQUIVIR (SPAIN)

Moreno Padilla, María Isabel (Instituto de Investigación en Arqueología Ibérica. Universidad de Jaén)

14:45 A LANDLOCKED EMPORION. AN UPDATE OF THE DISTRIBUTION OF GREEK POTTERY IN THE MIDDLE VALLEY OF GUADIANA RIVER

Pulido, Guiomar (Universidad Autónoma de Madrid) - Miguel-Naranjo, Pedro - Rodríguez González, Esther (Instituto de Arqueología de Mérida-CSIC)

15:00 SAILING FROM THE ATTIC PORTS TO THE COAST OF OPHIUSSIA. THE TRADE ROUTES OF ATTIC VASES TO THE WESTERN HESPERIDES

Morais, Rui - Ferreira, Daniela (Faculty of Arts and Humanities of University of Porto) - Mauro, Chiara (Complutense University of Madrid)

15:15 DISCUSSION SLOT**419 USING FORENSIC ARCHAEOLOGICAL APPROACHES TO INFORM THE PAST**

Room: Gólyavár, Pázmány Péter room

Time: 16:30 - 18:30

Theme: 6. A Decade after the 'Third Science Revolution in Archaeology'

Format: Session with presentation of 6 slides in 6 minutes

Organisers: Fry, Megan (University of Florida, Department of Anthropology) - Welty, S. (University College London, Institute of Archaeology) - McCrane, Samantha (University of Florida, Department of Anthropology) - Andersson, Karina (University College London, Institute of Archaeology)

PAPERS**16:30 INTRODUCTION****16:36 VIABILITY OF AI AND MACHINE LEARNING IN FORENSIC ANTHROPOLOGY**

Andersson, Karina - Rando, Carolyn (UCL)

16:42 THE UTILITY AND APPLICABILITY OF PXRF ON COMMINGLED ARCHAEOLOGICAL SAMPLES

Fry, Megan (University of Florida, Department of Anthropology) - Welty, S. (University College London, Institute of Archaeology)

16:48 THE EFFECT OF EDENTULISM ON DENTAL ARCH SHAPE ANALYSES

McCrane, Samantha - Meloro, Raphaela (University of Florida, Department of Anthropology)

16:54 PARAMETRIC MODELLING OF HUMAN CRANIA FROM POST-MORTEM HEAD CT DATA

Welty, S. (Institute of Archaeology, University College London) - Davidson, Marion (Institute of Archaeology, University College London; Department of Security and Crime Science, University College London)

- Morgan, Ruth (Department of Security and Crime Science, University College London; UCL JDI Centre for the Forensic Sciences, University College London)

17:00 OPEN ACCESS CT DATABASES: VALUE AND LIMITATIONS IN FORENSIC ARCHAEOLOGICAL AND ANTHROPOLOGICAL RESEARCH

Davidson, Marion (Institute of Archaeology, University College London; Department of Security and Crime Science, University College London; Centre for the Forensic Sciences, University College London) - Welty, S. (Institute of Archaeology, University College London)

17:12 APPLICATIONS OF DIFFERENTIAL BURNING IN FORENSIC AND ARCHAEOLOGICAL CREMATIONS

Monetti, Lisa (UCL Institute of Archaeology; Drew University) - Rando, Carolyn (UCL Institute of Archaeology)

17:18 TRIAL BY FIRE. OPEN-FIRE CREMATION AND STATE OF REMAINS PRESERVATION IN PREHISTORIC CREMATION GRAVES

Slusarska, Katarzyna (Uniwersytet Szczeciński)

17:24 DISCUSSION SLOT**17:42 THE NEED FOR METHOD VALIDATION IN TAPHONOMY AND ARCHAEO-ANTHROPOLOGY: LESSONS FROM THE AUSTRALIAN FACILITY FOR TAPHONOMIC EXPERIMENTAL RESEARCH (AFTER)**

Knusel, Christopher (Université de Bordeaux) - Schotsmans, Eline (University of Wollongong; Université de Bordeaux)

17:48 ADVANCING THE ANALYSIS OF HUMAN REMAINS IN BOTH TRADITIONAL AND FORENSIC ARCHAEOLOGY THROUGH CONTROLLED HUMAN DECOMPOSITION EXPERIMENTS

Mickleburgh, Hayley (Linnaeus University; Forensic Anthropology Center Texas State University) - Kootker, Lisette (Vrije Universiteit Amsterdam; Co van Ledden Hulsebosch Center)

18:54 HOW CAN NECROSOL HELP TO FORENSIC ARCHAEOLOGY? A METHODOLOGICAL APPROACH

García-López, Zaira - Martínez Cortizas, Antonio (Cretus, EcoPast - GI-1553, University of Santiago de Compostela) - López-Costas, Olalla (Cretus, EcoPast - GI-1553, Archaeology, Facultade de Xeografía e Historia, Universidade de Santiago de Compostela; Archaeological Research Laboratory, Stockholm University)

18:00 **WHAT HAPPENED IN KL TREBLINKA I? UNRAVELING WORLD WAR II ATROCITIES WITH THE USE OF INTERDISCIPLINARY FORENSIC SCIENCE METHODS**

Drath, Joanna - Parafiniuk, Mirosław - Ossowski, Andrzej (Pomeranian Medical University) - Jarzęcka-Śtąporek, Joanna (Museum of the Second World War)

18:06 **DISCUSSION SLOT**

POSTERS

A. FIRST TAPHONOMIC EVIDENCE OF PEDESTALING PHENOMENA MADE BY RODENTS ON ARCHAEOLOGICAL HUMAN REMAINS FROM EL MIRADOR CAVE (ATAPUERCA, SPAIN)

Marginedas, Francesc (Institut Català de Paleoecologia Humana i Evolució Social - IPHES-CERCA; Àrea de Prehistòria, Universitat Rovira i Virgili - URV) - Rodríguez-Hidalgo, Antonio (Institut Català de Paleoecologia Humana i Evolució Social - IPHES-CERCA; IDEA - Instituto de Evolución en África; GIAP - Research Group in Prehistoric Archaeology - 970949, Department of Prehistory, Ancient History and Archaeology, Complutense University of Madrid) - Saladié, Palmira (Institut Català de Paleoecologia Humana i Evolució Social - IPHES-CERCA; Àrea de Prehistòria, Universitat Rovira i Virgili - URV; Unit Associated to CSIC. Departamento de Paleobiología. Museo Nacional de Ciencias Naturales)

B. CHARACTERIZING THE BUTCHERY PROCESS OVER THE NEW CANNIBALIZED HUMAN REMAINS FROM EL MIRADOR CAVE, ATAPUERCA, SPAIN

Marginedas, Francesc (Institut Català de Paleoecologia Humana i Evolució Social - IPHES-CERCA; Àrea de Prehistòria, Universitat Rovira i Virgili - URV) - Saladié, Palmira (Institut Català de Paleoecologia Humana i Evolució Social - IPHES-CERCA; Àrea de Prehistòria, Universitat Rovira i Virgili - URV; Unit Associated to CSIC. Departamento de Paleobiología. Museo Nacional de Ciencias Naturales) - Rodríguez-Hidalgo, Antonio (Institut Català de Paleoecologia Humana i Evolució Social - IPHES-CERCA; Institute of Evolution in Africa - IDEA; GIAP - Research Group in Prehistoric Archaeology - 970949, Department of Prehistory, Ancient History and Archaeology, Complutense University of Madrid)

421 **SPACE SYNTAX: THE MATERIAL IMPRINTS OF SPATIAL INTEGRATION PROCESSES**

Room: Building A, room 330

Time: 16:30 - 18:30

Theme: 2. [Re]integration

Format: Regular session

Organisers: Füzési, András (Hungarian National Museum) - Mesterházy, Gábor (Várkapitányság Nonprofit Zrt.) - Bánffy, Eszter (Römisch-Germanische Kommission) - Raczky, Pál (Eötvös Loránd University)

PAPERS

16:30 **SPACE SYNTAX ON LANDSCAPE-SCALE: UNDERSTANDING SPATIAL CONFIGURATION OF IRON GATES**

Mlekuž Vrhovnik, Dimitrij (University of Ljubljana; Institute for the protection of the cultural heritage of Slovenia)

16:45 **THE USE OF SPACE AND INTERNAL ORGANIZATION OF THE LATE NEOLITHIC SETTLEMENT AT DRENOVAC, SERBIA**

Dimitrijevic, Ivana - Obradović, Djurdja - Perić, Slaviša - Bajčev, Olga - Savić, Ružica (Institute of Archaeology, Belgrade)

17:00 **BUILDING THE VILLAGES, BUILDING THE SOCIETY- LATE NEOLITHIC SETTLEMENT NETWORK IN SLAVONIA (EASTERN CROATIA)**

Kalafatic, Hrvoje (Institute of Archaeology, Zagreb) - Šošić Klindžić, Rajna (University of Zagreb) - Šiljeg, Bartul (Institute of Archaeology, Zagreb)

17:15 **MORE TO TELL: SPATIAL ANALYSIS OF THE LATE NEOLITHIC HERPÁLY SETTLEMENT COMPLEX OF CSÖKMÓ-KÁPOSZTÁS-DOB (EASTERN HUNGARY)**

Riebe, Danielle (University of Georgia) - Mesterházy, Gábor (Hungarian National Museum) - Gyucha, Attila (University of Georgia) - Argyriou, Athanasios (GeoSat ReSeArch Lab, Institute for Mediterranean Studies, Foundation for Research and Technology Hellas) - Sarris, Apostolos (The Archaeological Research Unit, DigHumanities GeoInfo Lab, Department of History and Archaeology, University of Cyprus) - Dani, János (Déri Museum) - Stibranyi, Máté - Pethe, Mihály (Hungarian National Museum)

17:30 IMPRINTS OF SOCIAL PROCESSES AND PRACTICES AT SZEGVÁR-TÚZKÖVES - SPATIAL ANALYSIS AND THEORETICAL INTERPRETATION OF A LATE NEOLITHIC SETTLEMENT

Mesterházy, Gábor (Eötvös Loránd University; Hungarian National Museum) - Füzesi, András (Hungarian National Museum; Eötvös Loránd University) - Szilágyi, Katalin (Christian-Albrechts-Universität zu Kiel; Eötvös Loránd University) - Bánffy, Eszter (Römisch-Germanischen Kommission des Deutschen Archäologischen Instituts) - Raczky, Pál (Eötvös Loránd University)

17:45 NEOLITHIC KNAPPING ACTIVITIES THROUGH THE LENS OF INTRA-SITE ANALYSIS FROM HUNGARY

Farago, Norbert (Eotvos Lorand University, Institute of Archaeological Sciences)

18:00 CONSCIOUSNESS, COMPLEXITY, SYMMETRY. SPATIAL ANALYSIS OF A BRONZE AGE SETTLEMENT

Szabó, Nóra (ELKH BTK; ELTE BTK)

18:15 DISCUSSION SLOT

POSTERS

- A. ORGANISING A NEW WORLD: EARLY ALFÖLD LINEAR POTTERY COMMUNITIES IN THE NORTHERN PART OF THE GREAT HUNGARIAN PLAIN**
Füzesi, András (Hungarian National Museum / Magyar Nemzeti Múzeum) - Faragó, Norbert (Eötvös Loránd University, Institute of Archaeological Sciences) - Kalli, András (Hungarian National Museum / Magyar Nemzeti Múzeum) - K. Tučkovic, Eszter (Rétközi Múzeum)

432 LOGISTICS AND NATURAL RESOURCES: SUPPLY AND TRANSPORTATION THROUGH TIME (5TH CENTURY BC – 5TH CENTURY AD)

Room: Building R, room E423

Time: 14:00 - 17:30

Theme: 4. Polis, Empire, League and Beyond – Living in Interconnected Societies

Format: Regular session

Organisers: Vanderhoeven, Timo - Kars, Eva (EARTH Integrated Archaeology) - Bongers, Toon (SDEP - Ghent University) - Kienzle, Peter (Landschaftsverband Rheinland - LVR – Xanten) - Delencre, Florent (University of Tours / UMR 6298 ARTEHIS)

PAPERS

14:00 INTRODUCTION

14:15 LONG-DISTANCE TIMBER TRADING IN THE ROMAN EMPIRE

Bernabei, Mauro (National Research Council)

14:30 LONG-DISTANCE TRANSPORTS OF ROMAN MILITARY BUILDING CERAMICS

Schmidts, Thomas (Römisch-Germanisches Zentralmuseum)

14:45 (INTER)NATIONAL LOGISTICS OF ROMAN BUILDING MATERIAL: A CRITICAL REASSESSMENT OF OUR RESEARCH

Vanderhoeven, Timo - Kars, Eva (EARTH Integrated Archaeology)

15:00 BUILD LOCAL – THINK ROMAN. THE DESIGN OF THREE CRAFTSMEN'S HOUSES AT THE LVR-ARCHAEOLOGICAL PARK AT XANTEN, GERMANY

Kienzle, Peter (LVR-Archaeological Park Xanten)

15:15 EPIGRAPHY AND SUPPLY LOGISTICS: FIRST ANALYSIS OF INSCRIBED STONES OF BESANÇON-VESENTIO, CAPUT CIUITATIS OF THE SEQUANI

Delencre, Florent (UMR 6298 ARTEHIS) - Delferrière, Nicolas (Université de Bourgogne-Franche-Comté) - Janin, Marie-Anaïs (Université de Bourgogne-Franche-Comté; UMR 6298 ARTEHIS)

15:30 AD FLUMEN. SPATIAL NETWORK ANALYSIS OF THE ROMAN-ERA TRANSPORT SYSTEM OF THE SCHELDT AND MEUSE BASINS

Bongers, Toon (SDEP - Ghent University)

15:45 INVISIBLE BORDERS: THE DISTRIBUTION OF STONE BUILDING MATERIALS IN VENETIA ET HISTRIA (ITALY) THROUGH THE CASE STUDY OF ROMAN VERONA

Bridi, Eliana (Università degli Studi di Padova)

16:30 DISCUSSION SLOT

434 CREATION OF EUROPEAN IDENTITIES – FOOD, TEXTILES AND METALS IN THE IRON AGE BETWEEN ALPS, PANNONIA AND BALKANS

Room: Building B, room 242

Time: 14:00 - 18:00

Theme: 3. The Carpathian Basin: Integration, Mobility and Diversity

Format: Regular session

Organisers: Gleba, Margarita (Department of Cultural Heritage, University of Padua) - Potrebica, Hrvoje (University of Zagreb, Department of Archaeology)

PAPERS

- 14:00 INTRODUCTION**
- 14:15 YOU ARE WHAT YOU WEAR? ARCHAEOLOGICAL TEXTILES AS ELEMENTS OF IDENTITY AND PROXIES FOR MOBILITY IN THE CENTRAL BALKANS**
Gleba, Margarita (University of Padua)
- 14:30 HALLSTATT PERIOD TEXTILES FROM THE BALKANS IN THE COLLECTION OF THE NATURAL HISTORY MUSEUM VIENNA**
Groemer, Karina (Natural History Museum Vienna) - Lau, Ronja (Ruhr-Universität Bochum)
- 14:45 TEXTILE NEWS FROM DONJA DOLINA – TEXTILE PRODUCTION TOOLS FROM THE IRON AGE**
Fileš Kramberger, Julia (Department of Archaeology, Faculty of Humanities and Social Sciences, Zagreb)
- 15:00 DISCUSSION SLOT**
- 15:15 MILLET DRINK IN URNFIELD PERIOD BAVARIA AND HALLSTATT PERIOD CROATIA - CASE STUDIES OF BIOMOLECULAR ANALYSIS AND ITS CONTEXT**
Metzner-Nebelsick, Carola (Inst fuer Vor- und Fruhegeschichtliche Archaeologie, Provinzialroem Archeologie) - Loznjak Dizdar, Daria (The Institute of Archaeology Zagreb) - Rageot, Maxime (University of Tübingen)
- 15:30 DOWN BY THE RIVERSIDE – EATING AND LIVING IN PILE DWELLING SETTLEMENTS OF RIPAČ AND DONJA DOLINA**
Šoštarić, Renata (Department of Biology, Faculty of Science, University of Zagreb) - Pravidur, Andrijana (National museum of Bosnia and Herzegovina, Sarajevo)
- 15:45 DISCUSSION SLOT**
- 16:30 SV. KRIŽ IN LIGHT OF NEW RESEARCH**
Mavrović Mokos, Janja (University of Zagreb Faculty of Humanities and Social Sciences Department of Archaeology) - Fileš, Mislav (Institute of Archeology) - Šejić, Laura (University of Zagreb Faculty of Humanities and Social Sciences Department of Archaeology)
- 16:45 “SOMETHING OLD, SOMETHING NEW, SOMETHING BORROWED, SOMETHING BLUE” - ECLECTIC IDENTITIES OF THE IRON AGE**
Potrebica, Hrvoje (Dept of archaeology)
- 17:00 DISCUSSION SLOT**

FRIDAY 2 SEPTEMBER

Building room nr.	8:30 - 10:30	11:00 - 13:00	14:00 - 16:00	16:30 - 18:30
A 039	343. Metals and Metalworking in the Borderlands			
A 047	180. Multi-proxy Microarchaeological Approaches: State of the Art, New Advances, Limitations and Future Perspectives			
A 150	371. Population History and Community Formation in Early Medieval East-Central Europe: Integrating Genetic, Isotopic, Archaeological and Historical Perspectives			
A 329	267. Towards the sea: human ecology, subsistence and adaptations along the European coasts from the Lower Palaeolithic to the Neolithic [PaM]		375. The Societal Impacts of Climate Changes in the Past – What Can Hunter-Gatherer Archaeology Contribute to the Current Debate? [PaM]	
A 330	273. FAIRly Front-loading the Archive: Moving beyond Findable, Accessible and Interoperable to Reuse of Archaeological Data			
A 336	309. From the Present to the Past and Back: Crossing Disciplinary and Time Boundaries in Agricultural Research		17. Becoming a Published Archaeologist [ECA]	
A 428	271. The Social Role of Pottery and Potters in Neolithic and Copper Age Societies of the Balkans and Central Europe			
A 429	388. Towards an Open Platform for Computer Simulations of Past Socio-ecological Systems	342. What Do Archaeologists Want from a Distributed Science Infrastructure? Introducing IPERION HS and E-RIHS	405. "The Grass Is Always Greener on the Other Side?" The Benefit of the Local and Regional Lithic Raw Materials	
B 172	213. Isoscapes, Foodwebs and Provenance – Isotope Archaeology beyond Materials and Specialisations			
B 217	126. Limiting Spaces: The Attribution of Spatial Meaning through the Creation of Boundaries			
B 242	287. Macroarchaeology - Definition, Objectives and Applications of a New Archaeological Paradigm		427. Prehistoric Histories: Linking Individual Agency and Broad Transformations	
C 173	331. Possibilities and Challenges of the Archaeological Science Revolution in the Caucasus			
C 278	359. Borderlands, Interaction Zones, and Bounded Spaces in the Prehistoric Eastern Mediterranean: Interdisciplinary Studies in the Reconstruction of Connectivity			

Building room nr.	8:30 - 10:30	11:00 - 13:00	14:00 - 16:00	16:30 - 18:30
C 328	263. Craft Specialization in Worked Hard Osseous Materials: Conversations on a Complex Conceptual Category in Archaeology		367. Agent-based Modelling of Socio-ecological Systems in Archaeology. Towards a New Research Community	
F 012	170. The Houses of Death as Ancestral Monuments. The Archaeology of Neolithic Long Barrows in Europe		306. Early Iron Age Landscape Transformations in the Carpathian Basin and Adjacent Areas	
F 013	231. Bioanthropology in Western Asia: Moving forward (A:Session in Honour of Prof Holger Schutkowski)		243. Coming Back to Life: Reuse of Medieval Buildings	
Gol-yavar Pazmany Peter	142. Gender Archaeology at the Crossroads: The Future and Its Challenges [AGE]		135. The Medieval Marketplace in Europe - Interdisciplinary and Theoretical Approaches to Its Biographies and Developments	
Main 011	248. New Approaches to Lithic Raw Material Studies: Inferring Past Human Mobility [PaM]		109. Animal and Plant Management in Prehistoric Hunter-Fisher-Gatherer Communities [PaM]	
Main 026	192. Multi-proxy Approaches to Kinship in the Greco-Roman World		237. Protecting the Past Is the Key to the Future: Rights of Archaeological Heritage Stakeholders and Social Justice	
Main 027	129. Populism, Authoritarianism, Autocracy and Other Kids of Neo-liberalism – in Academia and Archaeology		67. Cremation Funerary Practices across the Roman Empire: A Bioarchaeological Approach	
Main 034	162. Digital Humanities and Medieval Archaeology: Re-Integrating Isolated, Fragmented and Overlooked Archaeological Evidence			207. Remembrance of Things Past: New Approaches to the Construction and Uses of Cultural Memory from Iron Age to Antiquity
Main 039	395. Medieval Stone Monuments: Reuse and (Re)Integration		326. Machine Learning and the Creation of Archaeological Narratives	38. Characterization of Lithic Material in Prehistory, Methods, Problems, Results

Building room nr.	8:30 - 10:30	11:00 - 13:00	14:00 - 16:00	16:30 - 18:30
Main 112	194. Safer-Spaces Policies in Archaeological Practice [EAA ExB]	208. Telling Stories about Impacts of Academic Research in Archaeology on Society: Wider Lessons from the UK Research Excellence Framework Experience [EAA ExB]	430. Percussive Osseous Industry a Human Revolution between Pre-formation and Waste Selection [PaM]	
Main 137	354. 'Hidden Hillforts'. The Importance of Archival Sources for the Future Study of Fortifications [COMFORT]		187. The Network Former: Trade and Exchange of Glass in Antiquity	
Main 138	346. Bringing Roman Coarse Ware to the Point: The Challenge of a Common Approach	226. Foreign vs Local in Medieval and Modern Age Foodways in the Baltic Sea Region	177. Organic Materials in Tombs: The Quiet Protagonists	
Main 252	426. From Isotope Ratios to Narratives: Exploring the Ways that Biogeochemical Studies are Impacting Eurasian Archaeology		100. Human Forensic Taphonomy – How Multidisciplinary Approaches Shed Light on Past Funerary Practices	
R E021	401. To Use or Not to Use: 3D Documentation in Fieldwork and in the Lab [3D-Archaeology]		225. Anarchy and Archaeology: Towards New Theoretical and Practical Perspectives	
R E030	27. Engaging the Public, Heritage and Educators through Material Culture Research		256. Curation or Reburial — Current Practices and Decision Making on Storing Human Skeletons in Archaeological and Historical Collections	
R E144			437. Reintegration in Medieval Archaeology (MERC Forum)	438. Europe's Medieval Past: A Manifesto (MERC Round table)
R E151	358. Can You See Me? Putting the 'Human' Back into 'Human-Plant Interactions' [ARCHWILD]			311. Community Archaeology of the Edges: Challenges and Solutions
R E245	83. Climatic Changes in the Medieval World: Evidence for Adaptation and Resilience		362. Balkan Archaeology as a Laboratory: Challenging Old Paradigms and Experimenting with New Ones	
R E253	102. Campaigning Strategies for Archaeology and Cultural Heritage - Principles, Strategies, and Practical Experiences		143. The Evolution of Coastal Archaeological Sites: Submerged, Preserved, in Flux	

Building room nr.	8:30 - 10:30	11:00 - 13:00	14:00 - 16:00	16:30 - 18:30
R E356		232. Dressing Europe: Mapping and Disseminating European Textile Heritage through Digital Resources	134. In the Margins of the Fabric: Towards a Social Archaeology of Industrial Impact in the Modern and Contemporary Eras	
R E414		323. Microhistory and Social Archaeology in Western Europe	157. Finds Stories: Archaeological Biographies in Contexts of Mobility	
R E423		286. Public Archaeology and Sites of Conflict [Public Archaeology Community]	424. Actors, Not Spectators. Community Representation in Archaeology and Cultural Heritage in the 21st century	

KEYNOTE LECTURES

- 13:10** **Adina Boroneant:** Exploring the Latest Scientific Results of the Early Prehistory of the Iron Gates: A Significant Landscape at the Fringe of the Carpathian Basin
Where: Building B, room 172
- 13:10** **Volker Heyd:** A Third Scientific Revolution in the Third Millennium BC: Yamnaya, Globular Amphoras, Corded Wares, Bell Beakers
Where: Hungarian National Museum

18:45 ANNUAL MEMBERSHIP BUSINESS MEETING

Where: Building B, room 172

17 BECOMING A PUBLISHED ARCHAEOLOGIST

Room: Building A, room 336

Time: 16:30 - 18:30

Theme: 1. Archaeologists and Archaeology Here and Now

Format: Round table

Organisers: Brami, Maxime (Johannes Gutenberg University Mainz) - Coltofean-Arizancu, Laura (Archaeology and Gender in Europe - AGE - Community of the EAA) - Kolář, Jan (Academy of Sciences of the Czech Republic) - Preda-Bălănică, Bianca (University of Helsinki) - Frieman, Catherine (Australian National University)



Publishing our work is a major part of being an archaeologist, but the routes to publication are not always clear. There are national differences in style and preferred publication type, different sub-disciplinary norms, and language and style barriers that may seem insurmountable. Moreover, wisely planned publication strategies are often necessary for gaining research funding at national and international levels. This round table hosted by the EAA's Early Career Archaeologists (ECA) community and European Journal of Archaeology (EJA) brings together journal editors and book publishers from around Europe to discuss the archaeological publishing ecosystem, answer questions about publication norms and practices, and address specific concerns early career archaeologists may have regarding the publication process.

Topics to be considered include:

- How does the journal editorial/peer review process work (and not work)?
- What do traditional publications do (and not do)?
- What do I need to know to start publishing my research?

27 ENGAGING THE PUBLIC, HERITAGE AND EDUCATORS THROUGH MATERIAL CULTURE RESEARCH

Room: Building R, room E030

Time: 8:30 - 12:30

Theme: 1. Archaeologists and Archaeology Here and Now

Format: Regular session

Organisers: Wilson, Katherine - Pickles, Thomas (University of Chester) - Antenhofer, Christina (University of Salzburg)

PAPERS

8:30 INTRODUCTION

8:45 THE HIDDEN LIFE OF THE LADY WITH CARNATION. CONNECTING HISTORY, MATERIAL CULTURE AND MUSEOLOGY

De Groot, Julie (Universiteit Antwerpen)

9:00 FOSTERING PARTNERSHIP ACROSS THE GREAT STEPPE

Amirova, Saltanat (University of Cambridge; Department of Archaeology) - Roberts, Rebecca (McDonald Institute for Archaeological Research; University of Cambridge; Fitzwilliam Museum) - Zainulla, Samashev (Margulan Institute of Archaeology, Kazakhstan) - Toleubayev, Abdesh (Al-Farabi Kazakh National University) - Nurgaziyeva, Svetlana (East Kazakhstan Regional Museum of Local History)

9:15 OBSCURE DUNGEONS: ON THE POTENTIAL OF VIRTUAL REALITY IN CASTLE HOHENSALZBURG

Zimmermann, Judith - Färberböck, Peter (University of Salzburg)

9:30 DISCUSSION SLOT

9:45 CARVING WITH LIGHT. SCANNING AND RE-MAKING THE BALLACHULISH GODDESS

Griffiths, Mark (Freelance) - Power, Orla (MaREI the Center for Energy, Climate and Marine)

10:00 USING ARCHAEOLOGY AND LOCAL HERITAGE AS A COMMON THREAD FOR THE EDUCATIONAL PROJECT IN TWO RURAL SCHOOLS

Carballido González, Elías - Rebollar Flecha, Luis (University of Oviedo) - López Gómez, Pablo - Fernández Mier, Margarita (University of León) - Fernández Fernández, Jesús (University of Oviedo)

10:15 DISCUSSION SLOT

11:00 TOUCHING THE PAST. RECONSTRUCTIONS OF ARTIFACTS AND EDUCATIONAL WORKSHOPS FOR CHILDREN – A CASE STUDY FROM POLAND

Dziechciarz, Pawel - Łukowska-Dziechciarz, Agnieszka (Uniwersytet Warszawski)

11:15 THE PUBLIC AND THE EXTRAORDINARY – MATERIAL CULTURE AS THE TOOL TO FASCINATE

Zinn, Katharina (University of Wales Trinity Saint David)

11:30 INFLUENCING THE PUBLIC. USING SOCIAL MEDIA PLATFORMS FOR ENGAGING ONLINE COMMUNITIES

Gergácz, Rebeka (Hungarian National Museum)

11:45 DISCUSSION SLOT

POSTERS

- A. A BASQUE FARMHOUSE: PREVENTIVE ARCHAEOLOGY AND ARCHAEOLOGICAL HERITAGE AS AN EDUCATIONAL RESOURCE**
Campos-Lopez, Teresa (University of the Basque Country - UPV/EHU)

38 CHARACTERIZATION OF LITHIC MATERIAL IN PREHISTORY, METHODS, PROBLEMS, RESULTS

- Room:** Main building, room 39
Time: 16:30 - 18:30
Theme: 6. A Decade after the 'Third Science Revolution in Archaeology'
Format: Regular session
Organisers: Surmely, Fred (CNRS UMR 6042) - Civilyte, Agne (Lithuanian Institute of History)

PAPERS

- 16:30 CHARACTERIZATION OF TERTIARY FLINTS BY GEOCHEMISTRY**
Surmely, Fred (DRAC ARA)
- 16:45 THE USE OF FLINT AND NON-FLINT ROCKS IN LITHUANIAN COASTAL AREA DURING THE FINAL PALAEO-LITHIC**
Rimkus, Tomas (Centre for Baltic and Scandinavian Archaeology - ZBSA)
- 17:00 RARE EARTH ELEMENTS GEOCHEMISTRY FINGERPRINTING EASTERN IBERIA CHERT PROVENANCE**
Ramacciotti, Mirco (Department of Prehistory, Archaeology and Ancient History, University of Valencia; Department of Analytical Chemistry, University of Valencia) - García-Puchol, Oreto - Gallelo, Gianni (PREMEDOC, Department of Prehistory, Archaeology and Ancient History, University of Valencia) - Cortell-Nicolau, Alfredo (Department of Archaeology, McDonald Institute for Archaeological Research, University of Cambridge) - Juan Cabanilles, Joaquím (Prehistory Research Service, Prehistory Museum of Valencia) - Pastor, Agustín (Department of Analytical Chemistry, University of Valencia)
- 17:15 FLINT, OBSIDIAN AND STONE ASSEMBLAGES FROM THE LINEAR POTTERY CULTURE SETTLEMENT MODRYCHI-I**
Telishenko, Serhii - Silaiev, Oleksandr (Institute of Archaeology, National Academy of Sciences of Ukraine)
- 17:30 OBSIDIAN IN THE MEDITERRANEAN FROM CARPATHIAN SOURCES**
Tykot, Robert (-)

17:45 DISCUSSION SLOT

67 CREMATION FUNERARY PRACTICES ACROSS THE ROMAN EMPIRE: A BIOARCHAEOLOGICAL APPROACH

- Room:** Main building, room 27
Time: 14:00 - 18:00
Theme: 4. Polis, Empire, League and Beyond – Living in Interconnected Societies
Format: Regular session
Organisers: Silva, Filipa (Research Centre for Anthropology and Health - CIAS, Department of Life Sciences, University of Coimbra) - Masotti, Sabrina (Department of Neuroscience and Rehabilitation, University of Ferrara) - Grosskopf, Birgit (Historische Anthropologie und Humanökologie Johann-Friedrich-Blumenbach-Institut der Georg-August-Universität Göttingen)

PAPERS

- 14:00 ATRI IGNES. RITUALS AND PRACTICES BEHIND THE CREMATION: THE CASE OF THE ROMAN NECROPOLIS OF GAZZO VERONESE (VERONA, ITALY)**
Mongillo, Jessica (Department of Environmental and Prevention Sciences, University of Ferrara) - Scalzeri, Marina (Department of Culture and Civilisation, University of Verona) - Zancan, Valentina (Department of Environmental and Prevention Sciences, University of Ferrara) - Masotti, Sabrina - Gualdi, Emanuela (Department of Neuroscience and Rehabilitation, University of Ferrara) - Basso, Patrizia - Grazioli, Valeria - Zentilini, Elisa (Department of Culture and Civilisation, University of Verona) - Bramanti, Barbara (Department of Environmental and Prevention Sciences, University of Ferrara)
- 14:15 CONTINUITY OR DISCONTINUITY IN CREMATION RITUAL? THE CASE OF THE ROMAN AGE NECROPOLIS OF BOLOGNA CENTRAL STATION (ITALY)**
Masotti, Sabrina - Gualdi-Russo, Emanuela (Department of Neuroscience and Rehabilitation, University of Ferrara)
- 14:30 CRUMBLLED LIVES – ROMAN CREMATION BURIALS FROM LAURICUM/ENNS, UPPER AUSTRIA**
Stadlmayr, Andrea - Marschler, Maria (Department of Anthropology, Natural History Museum Vienna) - Böhm, Herbert (Institute of Egyptology, University of Vienna) - Huber, Lisa - Lang, Felix (Department of Classical Studies, Faculty of Cultural Sciences, Paris Lodron University Salzburg) - Traxler, Stefan (Department of Archaeology: Roman Period, Middle Ages, Modern Times, OÖ Landes-Kultur GmbH)

14:45 WAS IT A BUSTUM TYPE GRAVE? ANALYSIS OF THE BURIALS FOUND NEAR THE ROMAN LEGIONARY FORTRESS AT NOVAE (LOWER MOESIA)

Jaskulska, Elzbieta - Tomas, Agnieszka (Faculty of Archaeology, University of Warsaw)

15:00 THE BIOARCHAEOLOGY OF CREMATION RITUALS IN ROMAN HISPANIA: AN OVERVIEW

Silva, Filipa (Research Centre for Anthropology and Health - CIAS, Department of Life Sciences, University of Coimbra; Archaeology Institute of Mérida-CSIC)

15:15 APPLICATION OF COMPUTATIONAL MORPHOMETRICS TO INTERPRET CREMATION FUNERARY PRACTICES: A ROMANO-BRITISH EXAMPLE

Monetti, Lisa (UCL Institute of Archaeology; Drew University)

15:30 DISCUSSION SLOT

16:30 HOW DID ROMANS CREMATE? INVESTIGATING THE CREMATION CONDITIONS DURING THE ROMAN PERIOD IN BELGIUM

Stamataki, Elisavet (Vrije Universiteit Brussel) - Salesse, Kevin (Masaryk University) - McMillan, Rhy (Vrije Universiteit Brussel) - Kontopoulos, Ioannis (University of Copenhagen) - Veselka, Barbara (Vrije Universiteit Brussel) - Dalle, Sarah (Ghent University) - Hlad, Marta (Vrije Universiteit Brussel) - Sabaux, Charlotte - De Mulder, Guy (Ghent University) - Snoeck, Christophe (Vrije Universiteit Brussel)

16:45 OSTEOLOGICAL MODIFICATION IN CREMATED BONES FROM ROMAN IMPERIAL NECROPOLIS OF MONTE CARRU (ALGHERO, SARDINIA, ITALY)

Serra, Rita (Department of Biomedical Sciences, University of Sassari; Center for Anthropological, Paleopathological and Historical Studies of the Sardinian and Mediterranean populations, Department of Biomedical Sciences, University of Sassari) - La Fragola, Alessandra - Rovina, Daniela (Superintendence for Archaeological Heritage for the provinces of Sassari and Nuoro) - Piana, Loredana (University of Sassari) - Sotgiu, Maria (Department of Biomedical Sciences, University of Sassari) - Mazzarello, Vittorio - Pirino, Alessio - Montella, Andrea - Bandiera, Pasquale (Department of Biomedical Sciences, University of Sassari; Center for Anthropological, Paleopathological and Historical Studies of the Sardinian and Mediterranean populations, Department of Biomedical Sciences, University of Sassari)

17:00 HISTOLOGICAL EXAMINATION METHODS

Grosskopf, Birgit (Georg-August-Universität Göttingen)

17:15 DISCUSSION SLOT

POSTERS

- A. HISTOMORPHOLOGICAL ANALYSIS OF CREMATED AND UNBURNED BONES: AGE-ESTIMATION OF ROMAN THESSALONIKIS' POPULATION.**
Bantavanou, Panagiota (Laboratory of Physical Anthropology, Department of History and Ethnology, Democritus University of Thrace) - Valakos, Eustratios (Department of Biology, National and Kapodistrian University of Athens) - Papageorgopoulou, Christina (Laboratory of Physical Anthropology, Department of History and Ethnology, Democritus University of Thrace)

83 CLIMATIC CHANGES IN THE MEDIEVAL WORLD: EVIDENCE FOR ADAPTATION AND RESILIENCE

Room: Building R, room E245

Time: 8:30 - 12:30

Theme: 5. Climate Change and Socioenvironmental Perspectives

Format: Regular session

Organisers: Kerr, Sarah (Aarhus University) - Tisdall, Eileen (University of Stirling) - Sagrott, Stefan (Historic Environment Scotland)



PAPERS

- 8:30 STORMING CASTLES: THE TWO CASTLES AT CAERLAVEROCK AND MEDIEVAL CLIMATE CHANGE**
Tisdall, Eileen - Tipping, Richard (University of Stirling) - French, Morvern - Sagrott, Stephan (Historic Environment Scotland) - Kinnaird, Tim - Srivastava, Aayush (University of St Andrews)
- 8:45 CLIMATE ADAPTATION IN PASTORAL SOCIETIES: TESTING CORRELATIONS BETWEEN CLIMATE AND LAND USE IN HIGHLAND SCOTLAND AND IRELAND, 1250-1750 AD**
Costello, Eugene (Stockholm University; Uppsala University) - Kearney, Kevin - Gearey, Ben (University College Cork)
- 9:00 RECONSTRUCTING PALAEOCLIMATE RECORDS FROM WELL-DATED MEDIEVAL PARCHMENT MANUSCRIPTS.**
Johns, Samuel - Maule, Charlie (Organic Geochemistry Unit, University of Bristol) - Angelova, Lora - Fitzgerald, Solange (The National Archives) - Collins, Sian - Johnson, Anna (Cambridge University Library) - Collins, Matthew (Section for Evolutionary Genomics, The GLOBE Institute, Faculty of Health and Medical Sciences, University of Copenhagen; McDonald Institute for Archaeological Research, University

of Cambridge) - Roffet-Salque, Melanie (Organic Geochemistry Unit, University of Bristol)

9:15 DISCUSSION SLOT

9:30 ADAPTATION AND RESILIENCE IN LATE MEDIEVAL JUTLAND (DENMARK)

Kerr, Sarah (Aarhus University)

9:45 MITIGATING CLIMATE CHANGE. PEASANT DRIVEN SOCIO-ECOLOGICAL ADAPTATION STRATEGIES IN BOREAL INLAND SCANDINAVIA

Svensson, Eva (Karlstad University) - Pettersson, Susanne (Norskt Maritimt Museum)

10:00 RESILIENCE AND VULNERABILITY IN THE LITTLE ICE AGE: OSL AND MICROMORPHOLOGY IN RESEARCHING THE DESTRUCTION OF A SHETLAND FARMING COMMUNITY

McKenzie, Jo (Archaeological Sciences, University of Bradford) - Bigelow, Gerald (Archaeology Institute, University of the Highlands and Islands; Burroughs & Chapin Center for Marine and Wetland Studies, Coastal Carolina University) - Saunders, Kristen (Biological and Environmental Sciences, University of Stirling) - Simpson, Ian (Department of Archaeology, University of Durham) - Sanderson, David (Scottish Universities Environmental Research Centre, University of Glasgow) - Kinnaird, Tim (School of Earth and Environmental Sciences, University of St. Andrews)

10:15 DISCUSSION SLOT

11:00 WATER MANAGEMENT AND RESILIENCE TO CLIMATIC CHANGE IN MEDIEVAL MIDDLE EASTERN CITIES - EVIDENCE FROM THE SOURCE OF LIFE PROJECT

Brown, Peter (Radboud University)

11:15 CLIMATE CHANGE VS WAR CONDITIONS

Lukacevic, Marijana (private company)

11:30 CHANGING CLIMATE AND EMERGENCE OF THE OTTOMAN STATE: INTEGRATING ARCHAEOLOGY, HISTORY AND PALEOENVIRONMENTAL STUDIES

Dikkaya, Fahri (TED University)

11:45 DISCUSSION SLOT

100 HUMAN FORENSIC TAPHONOMY – HOW MULTIDISCIPLINARY APPROACHES SHED LIGHT ON PAST FUNERARY PRACTICES

Room: Main building, room 252

Time: 14:00 - 18:30

Theme: 1. Archaeologists and Archaeology Here and Now

Format: Regular session

Organisers: Moghaddam, Negahnaz (Swiss Human Institute of Forensic Taphonomy, University Centre of Legal Medicine Lausanne-Geneva; Unit of Forensic Imaging and Anthropology, University Centre of Legal Medicine Lausanne-Geneva) - Varlet, Vincent (Swiss Human Institute of Forensic Taphonomy, University Centre of Legal Medicine Lausanne-Geneva) - Shvedchikova, Tatiana (-) - Mateovics-László, Orsolya (Hungarian National Museum, Archaeological Heritage Directorate)

PAPERS

14:00 INTRODUCTION

14:15 HOW FORENSIC TAPHONOMY CAN HELP TO INTERPRET HUMAN BURIALS IN THE ARCHAEOLOGICAL RECORD: INSIGHTS FROM AN INTERDISCIPLINARY EXPERIMENTAL RESEARCH PROGRAM

Mickleburgh, Hayley (Linnaeus University; Forensic Anthropology Center Texas State University)

14:30 INTRODUCING GEOFOR – A NOVEL GIS-BASED APPLICATION FOR IMPROVING PMI METHODS

Tica, Cristina - Weisensee, Katherine - Clafin, Patrick - Carbajales-Dale, Patricia (Clemson University)

14:45 GRAVES MATTERS: INTERDISCIPLINARY RESEARCH OF MORTUARY BEHAVIOR

Durczak, Kinga (Independent researcher)

15:00 BEETLES, FLIES AND LICE ASSOCIATED WITH SOUTH AMERICAN HUMAN MUMMIES: THE ARCHAEOENTOMOLOGICAL EVIDENCE

Kirgis, Pauline (UMR 5199 du CNRS, PACEA, University of Bordeaux) - Huchet, Jean-Bernard (UMR 5199 du CNRS, PACEA, University of Bordeaux; UMR 7209, Muséum d'Histoire Naturelle de Paris; UMR 7205 CNRS MNHN UPMC EPHE, Muséum national d'Histoire naturelle de Paris)

- 15:15** **"COLD CASES FROM THE PAST" - COMPREHENSIVE EVALUATION OF SHARP FORCE SKELETAL TRAUMAS FROM MEDIEVAL HUNGARY**
László-Mateovics, Orsolya (Hungarian National Museum / Magyar Nemzeti Múzeum)
- 15:30** **PRELIMINARY ESTIMATION OF THE CADAVER PRESERVATION STATE AND THE REALITY: THE CASE STUDY OF GENERAL GUDIN'S BURIAL**
Shvedchikova, Tatiana (-)
- 15:45** **DISCUSSION SLOT**
- 16:30** **YET IN MY FLESH I WILL SEE GOD - COMPARING THEOLOGICAL, ARCHAEOLOGICAL AND FORENSIC THOUGHTS ON NATURAL AND ARTIFICIAL MUMMIFICATION**
Alterauge, Amelie (University of Bern; University of Tübingen)
- 16:45** **MULTIDISCIPLINARY TAPHONOMIC APPROACHES REVEAL MUMMIFICATION PRACTICES IN THE MESOLITHIC, SADO VALLEY, PORTUGAL**
Peyroteo Stjerna, Rita (Human Evolution, Dep Organismal Biology, Human Evolution, Uppsala University; UNIAEQ, Centro de Arqueologia da Universidade de Lisboa) - Nilsson Stutz, Liv (Department of Cultural Sciences, Linnaeus University) - Mickleburgh, Hayley (Department of Cultural Sciences, Linnaeus University; Forensic Anthropology Center, Texas State University) - Cardoso, João (Universidade Aberta; Centre of Archaeological Studies, Oeiras Municipal Council; ICArEHB, Universidade do Algarve)
- 17:00** **DE-COMMINGLING PREHISTORIC AEGEAN MORTUARY ASSEMBLAGES: A MULTIDISCIPLINARY METHODOLOGICAL APPROACH TOWARDS THE STUDY OF COMMINGLED UNBURNT AND BURNT HUMAN REMAINS**
Chatzikonstantinou, Ioannis (School of History and Archaeology, Aristotle University of Thessaloniki) - Papakonstantinou, Niki (School of History and Archaeology, Aristotle University of Thessaloniki; Fitch Laboratory, British School at Athens)
- 17:15** **DISCUSSION SLOT**
- 17:30** **SOILS AND BONES – HOW IT WAS AND HOW IT GOES. CULTURAL AND NATURAL TAPHONOMY OF ROMAN PERIOD CREMAINS**
Wolska, Bogumila (Institute of Archaeology and Ethnology, Polish Academy of Sciences) - Dudek, Michał - Bednik, Magdalena (Institute of Soil Science, Plant Nutrition and Environmental Protection, Wrocław University of Life and Environmental Sciences) - Krupski, Mateusz (Institute of Soil Science, Plant Nutrition and Environmental Protection, Wrocław University of Life and Environmental Sciences; Archeolodzy.org Foundation)

- 17:45** **HOW CAN TAPHONOMY HELP WITH BURIAL RITUALS UNDERSTANDING. CASE STUDY BASED ON THE CHILDREN'S GRAVES WITH GRAVE PIT STONE LINING**
Prichystalová, Renáta (Department of Archaeology and Museology, Masaryk University)
- 18:00** **INSIGHTS INTO MORTUARY PRACTICES OF CHALCOLITHIC HUMAN REMAINS FROM TOMB 3 OF PERDIGÕES (PORTUGAL) THROUGH BIOANTHROPOLOGICAL AND TAPHONOMIC ANALYSIS**
Relvado, Cláudia (Interdisciplinary Center for Archaeology and Evolution of Human Behaviour, University of Algarve) - Almeida, Nelson (Uniarq, Centro de Arqueologia da Universidade de Lisboa) - Valera, António (Era Arqueologia SA; Interdisciplinary Center for Archaeology and Evolution of Human Behaviour, University of Algarve) - Evangelista, Lucy (Era Arqueologia SA; Research Center in Anthropology and Health, University of Coimbra; Interdisciplinary Center for Archaeology and Evolution of Human Behaviour, University of Algarve) - Maurer, Anne-France (HERCULES Laboratory, University of Évora) - Godinho, Ricardo (Interdisciplinary Center for Archaeology and Evolution of Human Behaviour, University of Algarve)
- 18:15** **DISCUSSION SLOT**

POSTERS

- A. MICROBIAL BIOEROSION OF BONE: THE USE OF TRAINABLE WEKA SEGMENTATION FOR BSE-SEM IMAGE ASSESSMENT**
Pankowska, Anna - Žižková, Andrea (University of West Bohemia)
- B. THE QUESTION OF THE BAD PRESERVATION AND DISAPPEARANCE OF BONES IN THE EARLY MODERN CEMETERY OF SZÉCSÉNY (HUNGARY)**
Líbor, Csilla (Szent István Király Museum) - Balogh Bodor, Tekla - Laczkó, Virág (Hungarian National Museum) - Grynaeus, András (Pázmány Péter Catholic University)

102 CAMPAIGNING STRATEGIES FOR ARCHAEOLOGY AND CULTURAL HERITAGE - PRINCIPLES, STRATEGIES, AND PRACTICAL EXPERIENCES

Room: Building R, room E253

Time: 8:30 - 13:00

Theme: 1. Archaeologists and Archaeology Here and Now

Format: Regular session

Organisers: Siegmund, Frank (DGUF - Deutsche Gesellschaft für Ur- und Frühgeschichte; Univ. Münster) - Scherzler, Diane (DGUF - Deutsche



Gesellschaft für Ur- und Frühgeschichte) - Wait, Gerry (GWHeritage; ISDAf - Institute for Sustainable Development in Africa) - Bejko, Lorenc (Univ. Tirana)

PAPERS

- 8:30 INTRODUCTION**
- 8:45 ADVOCACY AND CONSTITUENCIES**
Wait, Gerald (GWHeritage)
- 9:00 EXPERIENCES AND LESSONS FROM A COMPLEX, SUCCESSFUL CAMPAIGN IN GERMANY FOR ARCHEOLOGY AND THE PRESERVATION OF HISTORICAL MONUMENTS**
Scherzler, Diane - Siegmund, Frank (DGUF)
- 9:15 "ELECTION BENCHMARKS": A TOOL TO BRING ARCHAEOLOGY CLOSER TO POLITICIANS AND VOTERS**
Siegmund, Frank (Univ. Münster; DGUF) - Scherzler, Diane (DGUF)
- 9:30 DISCUSSION SLOT**
- 9:45 #SAVESHEFFIELDARCHAEOLOGY: CAMPAIGNING AS SOLIDARITY**
Albarella, Umberto (Dept of Archaeology, University of Sheffield)
- 10:00 THE POWER OF ATTENTION: CAMPAIGNING ARCHAEOLOGY IN SOCIAL MEDIA**
Agolli, Esmeralda (University of Tirana)
- 10:15 DISCUSSION SLOT**
- 11:00 THE WEIGHT OF PROFESSIONAL WEAKNESS AND THE DREAM TO REACH SOMEONE BEYOND THE "CULTURAL TRIBE"**
Almansa-Sanchez, Jaime (Incipit, CSIC)
- 11:15 COUNCIL OF EUROPE CONVENTIONS – CAMPAIGNING FOR CIVIL SOCIETY WITH THE CONFERENCE OF INGOS**
Hueglin, Sophie (University of Tuebingen) - Ermischer, Gerhard (Council of Europe, Conference of International NGOs)
- 11:30 FROM ARCHAEOLOGICAL EDUCATION TO PROTECTION OF CH SITES: CAMPAIGNING ON ARCHAEOLOGY AND CH IN A RAPIDLY CHANGING SOCIAL CONTEXT**
Bejko, Lorenc - Pojani, Iris (University of Tirana)
- 11:45 DIGITAL APPROACHES TO THE PROMOTION OF ARCHAEOLOGICAL LANDSCAPES IN THE DANUBE REGION - EXPERIENCES FROM THE DAEL-PROJECT**
Fera, Martin (University of Vienna, Department of Prehistoric and Historical Archaeology) - Mele, Marko (Universalmuseum Joanneum)

- Jancsary, Nika - Doneus, Michael (University of Vienna, Department of Prehistoric and Historical Archaeology) - Črešnar, Matija (Department of Archaeology, University of Ljubljana) - Dolinar, Nejc (Institute for the Protection of Cultural Heritage of Slovenia) - Kiszter, Sarah (Universalmuseum Joanneum) - Scoppie, Sarah (State Office for Cultural Heritage Baden-Wuerttemberg) - Balen, Jacqueline (Archaeological Museum in Zagreb)

12:00 DISCUSSION SLOT

109 ANIMAL AND PLANT MANAGEMENT IN PREHISTORIC HUNTER-FISHER-GATHERER COMMUNITIES



Palaeolithic and Mesolithic

- Room:** Main building, room 11
Time: 14:00 - 18:30
Theme: 5. Climate Change and Socioenvironmental Perspectives
Format: Regular session
Organisers: Mjaerum, Axel (Museum of Cultural History, University of Oslo) - Boethius, Adam (Department of Archaeology and Ancient History, Lund University) - Groß, Daniel (Museum Lolland-Falster) - Živaljević, Ivana (BioSense Institute, University of Novi Sad) - Mansrud, Anja (Museum of Archaeology, University of Stavanger)

PAPERS

- 14:00 INTRODUCTION**
- 14:15 DEVELOPMENTS IN THE CONCEPT OF RESOURCE MANAGEMENT IN THE ARCHAEOLOGY OF SOUTHERN NORWAY**
Mjaerum, Axel (Museum of Cultural History, University of Oslo)
- 14:30 MESOLITHIC AND EARLY NEOLITHIC OF SOUTHWESTERN ROMANIA. A VIEW FROM ARCHAEOZOOLOGY**
Balasescu, Adrian - Boroneant, Adina ("Vasile Parvan" Institute of Archaeology, Bucharest) - Bonsall, Clive (University of Edinburgh) - Radu, Valentin (Research Institute of the University of Bucharest, Division of ArchaeoSciences, University of Bucharest)
- 14:45 RESOURCE MANAGEMENT AND EXPLOITATION AT THE EARLY HOLOCENE COASTAL SITE OF HUSEBY KLEV, SWEDEN**
Boethius, Adam (Lund University) - Robson, Harry (University of York)
- 15:00 TAKE ME TO THE LAKE: THE UTILISATION OF LACUSTRINE RESOURCES AT THE NEOLITHIC WETLAND SITE OF JÄRVENSUO 1, SOUTH-WEST FINLAND**
Koivisto, Satu - Lempiäinen-Avci, Mia (University of Turku) - Mannermaa, Kristiina (University of Helsinki)

- 15:15 PLANNING FOR THE HUNT**
Bergstol, Jostein - Friis, Ellen Kathrine - Post-Melbye, Julian (Museum of Cultural History, University of Oslo)
- 15:30 DISCUSSION SLOT**
- 16:30 WHAT WE CAN LEARN FROM EACH OTHER: THE HYPOTHESIS OF THE SUBSISTENCE STRATEGY FROM MESOLITHIC TO NEOLITHIC IN MORAVIA**
Cerevková, Alžběta (Moravian Museum) - Malířková, Johana (Institute of Archaeology, Czech Academy of Science, Brno)
- 16:45 WE HAVE ALWAYS DONE IT LIKE THIS! FORAGING SUBSISTENCE MODELS IN EARLY NEOLITHIC COASTAL DENMARK AND RESULTING IMPLICATIONS**
Groß, Daniel (Museum Lolland-Falster)
- 17:00 POSSIBLE WILD BOAR MANAGEMENT DURING THE LATE MESOLITHIC. A MULTI-ISOTOPE INVESTIGATION OF WILD BOAR FROM DENMARK**
Maring, Rikke (Aarhus University; Museum Østjylland) - Riede, Felix - Mannino, Marcello (Aarhus University)
- 17:15 DAIRY WITHOUT DOMESTICATES**
Kim, Alexander (Department of Anthropology, Archaeology Program, Harvard University; Department of Genetics, Harvard Medical School)
- 17:30 DISCUSSION SLOT**

126 LIMITING SPACES: THE ATTRIBUTION OF SPATIAL MEANING THROUGH THE CREATION OF BOUNDARIES

Room: Building B, room 217

Time: 8:30 - 16:00

Theme: 2. [Re]integration

Format: Regular session

Organisers: Yamasaki, Mari (Johannes Gutenberg University Mainz) - Speck, Sonja (Philipps University Marburg; Johannes Gutenberg University Mainz) - Meneghetti, Francesca (Independent researcher)

PAPERS

- 8:30 FROM FLOOR TO ROOF: BOUNDARIES ON THE VERTICAL AXIS AND THEIR ROLE IN THE CONCEPTUALISATION OF BUILT SPACES**
Speck, Sonja (Mainz University)
- 8:45 DIVING THROUGH THE MIRROR: THE LIMINALITY OF WATER SURFACES**
Yamasaki, Mari (Johannes Gutenberg University Mainz)

- 9:00 MORE THAN A BOUNDARY: WATER AS STRUCTURING ELEMENT IN THE SPATIAL EXPERIENCE OF ANCIENT GREEK INITIATION**
Ward, Andrew (Indiana University)
- 9:15 DISCUSSION SLOT**
- 9:30 ANCIENT EGYPTIANS LIVING ABROAD IN THE NEW KINGDOM**
Rocha da Silva, Thais (University of Oxford; University of São Paulo)
- 9:45 ON THE THRESHOLDS OF SOCIAL SPACE IN SWAHILI TOWNS OF EAST AFRICA**
Baumanova, Monika (University of West Bohemia, Pilsen)
- 10:00 DEFINING HOUSEHOLD AND MORTUARY BOUNDARIES IN IRON AGE (SAKA-WUSUN) SETTLEMENTS AND BURIAL BARROW (KURGAN) COMPLEXES IN SE KAZAKHSTAN**
Chang, Claudia (Independent scholar; Research Associate, Institute for the Study of the Ancient World, New York University)
- 10:15 DISCUSSION SLOT**
- 11:00 ENTRANCE TO THE BUILT ENVIRONMENT – PERCEPTION OF SPACE ON THE EARLY NEOLITHIC GÖBEKLI TEPE**
Waszk, Benny (Johannes Gutenberg-Universität Mainz; Graduiertenkolleg 1876 "Frühe Konzepte von Mensch und Natur")
- 11:15 THE GATES OF THE COSMOS. LIMINALITY IN THE ARCHITECTURE AND FUNCTIONS OF CENTRAL EUROPEAN NEOLITHIC PALISADED ENCLOSURES (RONDELS)**
P. Barna, Judit (Hungarian National Museum / Magyar Nemzeti Múzeum) - Kalla, Gábor (Eötvös Loránd University – Institute of Archaeological Sciences)
- 11:30 TOMB BOUNDARIES AND THE CREATION OF MEANINGFUL SPACE**
Beek, Nicky - van de Beek, Nicky (JGU Mainz)
- 11:45 DISCUSSION SLOT**
- 12:00 FROM TIMBER TO EARTH: BOUNDARIES, ENTRANCES AND THE CREATION OF LIMINAL SPACES AT CASTELL HENLLYS IRON AGE FORT, WALES**
Mytum, Harold (University of Liverpool)
- 12:15 LATE PREHISTORIC ARCHITECTURE AS A PARADIGMATIC CONSTRUCT**
Igljic, Sara - Kulenović, Igor - Vrkić, Šime - Kulenović, Neda (University of Zadar)
- 12:30 LIMINAL STRUCTURES AS SACRIFICIAL SPACES: A STUDY OF RING DITCHES OF SCYTHIAN BURIAL MOUNDS IN NORTHERN AZOV**
Demina, Alisa (National University of Kyiv-Mohyla Academy)
- 12:45 DISCUSSION SLOT**

- 14:00 IS A WALL REALLY A BOUNDARY? FORTIFICATIONS AND THEIR RELATIONSHIP TO SETTLEMENT AT BRONZE AGE ROCAVECCHIA, SOUTHEASTERN ITALY**
Iacono, Francesco (Dipartimento di Storia Culture Civiltà, University of Bologna) - Alessandri, Luca (Institute of Archaeology, University of Groningen) - Magri, Alessandra - Agostini, Giovanna - Ceccato, Zoe (Dipartimento di Storia Culture Civiltà, University of Bologna)
- 14:15 YOU HAVE TO BELIEVE IT TO SEE IT**
Gourgouleti, Eleni (National and Kapodistrian University of Athens)
- 14:30 LANDSCAPE AND DELINEATION: ENVIRONMENTAL CHANGE AND PERCEPTIONS OF BOUNDARIES IN THE HELLENISTIC WORLD**
Lord, Maria (University of Wales Trinity St David)
- 14:45 DISCUSSION SLOT**
- 15:00 LIMITED PERFECTION - REGULAR MEDIAEVAL TOWNS IN CENTRAL EUROPE, WANDERING OF IDEAS, LAWS AND MEASURES**
Legut-Pintal, Maria (Institute of Archaeology - University of Wrocław) - Kubicka, Anna (Faculty of Geodesy and Cartography - Warsaw University of Technology) - Fokt, Krzysztof (Faculty of Law and Administration - Jagiellonian University in Kraków) - Klír, Tomáš (Department of Archaeology - Charles University, Prague)
- 15:15 OBSERVING BORDERS WHERE HUMANS HAVE TRIED TO BUILD BOUNDARIES**
Jané, Oscar - Banica, Costina Adriana (Autonomous University of Barcelona)
- 15:30 WARRIOR STATUES ON THE EDGE: MOTIVED SYMBOLISM AND SITUATED ICONOGRAPHY IN THE NORTHWESTERN IBERIA DURING THE IRON AGE**
Rodriguez Corral, Javier (Departament of Prehistory and Archaeology, Universidad de Sevilla)
- 15:45 DISCUSSION SLOT**

129 POPULISM, AUTHORITARIANISM, AUTOCRACY AND OTHER KIDS OF NEO-LIBERALISM – IN ACADEMIA AND ARCHAEOLOGY

Room: Main building, room 27

Time: 8:30 - 13:00

Theme: 1. Archaeologists and Archaeology Here and Now

Format: Round table

Organisers: Karl, Raimund (Universität Wien; Forum Archäologie in Gesellschaft - FAiG) - Meier, Thomas (Käte Hamburger Center for Apocalyptic and Post-Apocalyptic Studies; University of Heidelberg, Institute for Pre-

and Protohistory and Near Eastern Archaeology; Forum Archäologie in Gesellschaft - FAiG) - Babić, Staša (University of Belgrade, Department of Archaeology)

Currently populism is debated as a political development in many countries. The meaning of the word differs between languages as does its connotation. For this RT, we adopt a formalist definition, considering populism as a style, which produces and uses general moods for its own purposes e.g. by polarisation, personalisation, arguments ad hominem and moralisation. It behaves anti-intellectual, anti-institutional and anti-elitist and claims to implement common sense; sometimes combined with conspiracy theories and an imagery of crisis and break down. Autocracy we take as the uncontrolled rule of an individual person, which is (almost) unlimited by institutional restrictions. The ruler legitimises themselves by their perfection and are hardly interested in consent or support by their subalterns.

These and other depraved forms of government seem to be in diametrical opposition to academic governance; explicitly not being based on competition for the better argument and on rationality – let alone predictability, reliability and legitimising institutionalism. But are we too quick ruling out that populism and authoritarianism play a growing role in academic governance? That they do not correspond to academic rules of research does not exclude their influence in governance structures. The neoliberal weakening of academic self-governance seems to foster if not produce a populist and/or autocratic functional elite. And the populist style in politics together with a growing demand for immediate, i.e. monetary „usefulness“ „outreach“ and „transfer“ promote populist production and presentation of knowledge among academics as well. Are such intra-academic populism, autocracy and authoritarianism threats to „proper“ research and academic freedom?

In this RT we want to critically reflect recent developments in academic governance and behaviour all over Europe. We invite short incentive contributions of about 5 mins. for stimulating discussion among participants. Case studies should be anonymised and pay proper respect to each individual's right to dignity.

134 IN THE MARGINS OF THE FABRIC: TOWARDS A SOCIAL ARCHAEOLOGY OF INDUSTRIAL IMPACT IN THE MODERN AND CONTEMPORARY ERAS

Room: Building R, room E356

Time: 14:00 - 18:30

Theme: 1. Archaeologists and Archaeology Here and Now

Format: Regular session

Organisers: Tejerizo, Carlos - Stagno, Anna Maria (Laboratorio di Archeologia e Storia Ambientale - Università degli Studi di Genova) - Svensson, Eva - Karlsson, Catarina (Karlstad University)

PAPERS

14:00 AN ARCHAEOLOGY OF A MOMENT OF DANGER: THE IMPACT OF WOLFRAM INDUSTRY ON LOCAL SOCIETIES AND LANDSCAPES IN NORTHWESTERN IBERIA

Tejerizo, Carlos (Università degli Studi di Genova)

14:15 WHEN INDUSTRY CAME TO THE COUNTRYSIDE. SOCIO-ENVIRONMENTAL IMPACTS OF THE IRON MILLS INDUSTRIES IN THE 17TH TO 19TH CENTURIES

Svensson, Eva (Karlstad University) - Petterson, Susanne (Norskt Maritimt Museum)

14:30 FEMALE PRESENCE IN ALENTEJO'S (PORTUGAL) INDUSTRY DURING "ESTADO NOVO": AN ARCHAEOLOGICAL ANALYSIS THROUGH PHOTOGRAPHS

Pacheco, Susana (Independent Archaeologist)

14:45 DISCUSSION SLOT

15:00 TRADITIONAL ARTISANSHIP IN INDUSTRIAL LANDSCAPES: POSTMEDIEVAL POTTERY AND TILE PRODUCTION IN LES GAVARRES (CATALONIA, SPAIN)

Travé Allepuz, Esther (Universitat de Barcelona) - Vicens i Tarré, Joan (Universitat de Girona)

15:15 BUTTON - AN INCONSPICUOUS INDICATOR OF INDUSTRIALIZATION: ANALYSIS OF MODERN BUTTONS OBTAINED DURING ARCHAEOLOGICAL RESEARCH IN GDAŃSK

Dobek, Mikołaj (Nicolaus Copernicus University in Toruń)

15:30 DISCUSSION SLOT

16:30 TOKENS AS A MEANS OF PAYMENT IN GDAŃSK

Jasiak, Krzysztof (Nicolaus Copernicus University in Toruń)

16:45 CHASING THE RED DRAGON: ARCHEOLOGICAL AND HISTORICAL TRACES OF WELSH QUARRYMEN IN NEWFOUNDLAND

Spiwak, Alexa (University of Oslo)

17:00 HISTORICAL ARCHAEOLOGY OF INDUSTRIALISATION IN THE MOUNTAINS. THE SPACES OF PRODUCTION IN THE LIGURIAN APENNINES (ITALY, 19TH-20TH CENTURIES)

Cristina, Giovanni - Panetta, Alessandro (Università di Genova)

17:15 DISCUSSION SLOT

17:30 A QUESTION OF CHOICE: OBSERVING SHIFTS IN BUILDING MATERIALS AT THE MONTE FASCE UPLAND SETTLEMENTS BETWEEN 19TH AND 20TH CENTURIES

Bizzarri, Giulia - Piu, Caterina - Stagno, Anna (Laboratorio di Archeologia e Storia Ambientale - Università di Genova)

17:45 CHALLENGES AND OPPORTUNITIES TO ENHANCE THE MINING-INDUSTRIAL LEGACY OF THE REGIONS OF EL BIERZO AND LACIANA (LEÓN. SPAIN)

Martinez, Laura - Balado, Francisco M. (UNED)

18:00 AN ARCHAEOLOGY OF PLASTICS, PEARLS AND POST-INDUSTRIAL ETHICS

Simpson, Ian (Leiden University)

18:15 DISCUSSION SLOT

POSTERS

A. DREDGING, PEATS AND PANDEMICS: ARCHAEOLOGY OF THE CONTEMPORARY IN SETÚBAL, PORTUGAL

de Camargo, Paulo (Federal University of Sergipe) - Fraga, Tiago (Tiago Miguel Fraga, LDA) - Romão, Andréia (Neptune Search) - Marcos San Fulgencio, Jesús (Universidad de Cádiz) - Blázquez Martínez, Jorge (Asociación Nacional de Arqueología Subacuática) - Gómez Rivas, Luis (Universidad Nacional de Educación a Distancia)

135 THE MEDIEVAL MARKETPLACE IN EUROPE - INTERDISCIPLINARY AND THEORETICAL APPROACHES TO ITS BIOGRAPHIES AND DEVELOPMENTS



Room: Gólyavár, Pázmány Péter room
Time: 14:00 - 18:30
Theme: 4. Polis, Empire, League and Beyond – Living in Interconnected Societies
Format: Regular session
Organisers: Rösch, Felix (University of Göttingen) - Kalming, Sven (Centre for Baltic and Scandinavian Archaeology) - Mordovin, Maxim (Eötvös Loránd University)

PAPERS

- 14:00 INTRODUCTION**
- 14:15 MEDIEVAL MARITIME ROUTES AND ACCIDENTAL TRAVELLERS**
Panagiotakopulu, Eva (School of GeoSciences, University of Edinburgh)
- 14:30 EXPECT THE UNEXPECTED – FIND PATTERNS LINKED TO MARKET AND OPEN SPACE ACTIVITIES**
Rösch, Felix (University of Göttingen, Seminar für UFG)
- 14:45 CUMULATIVE FINDS OF COINS FROM THE MARKETPLACE OF POLISH CITIES**
Milejski, Pawel (Institute of Archaeology, University of Wrocław; Numismatic Department, Ossoliński National Institute, Wrocław)
- 15:00 THE CERAMICS OF THE MEDIEVAL MARKET PLACE OF STENDAL AND ITS (SUPER-)REGIONAL CLASSIFICATION AND SIGNIFICANCE**
Feike, Timo (Martin-Luther-Universität Halle-Wittenberg)
- 15:15 MARKETPLACES AND MARKET SQUARES IN DANISH MEDIEVAL TOWNS – THE CASE OF RIBE C. 700-1580**
Søvsø, Morten (Museum of Southwest Jutland)
- 15:30 A POSSIBLE FREEPORT IN VIKING PERIOD SIGTUNA?**
Runer, Johan (Uppdrag Arkeologi)
- 15:45 DISCUSSION SLOT**
- 16:30 WHAT MAKES A MEDIEVAL MARKET-PLACE? 'GOING TO THE FAIR' ON THE ISLE OF MAN**
Johnson, Andrew (Manx National Heritage)

- 16:45 THE MEDIEVAL TOWN SQUARE IN LÜBECK – AN INTERDISCIPLINARY APPROACH TO ITS TOPOGRAPHY, APPEARANCE, AND FUNCTIONS**
Renn, Lisa (University of Freiburg i. Br.; Department for Archaeology and Preservation of monuments in Lübeck)
- 17:00 DATING THE REORGANIZATION. THOUGHTS ABOUT THE DEVELOPMENT OF THE MEDIEVAL MARKETPLACES OF HALBERSTADT AND THEIR SURROUNDINGS**
Schoo, Tobias (Martin-Luther-University Halle-Wittenberg)
- 17:15 DISCUSSION SLOT**
- 17:30 WROCLAW'S NEW MARKET SQUARE. BIOGRAPHY OF URBAN SPACE FROM 12TH TO 20TH CENTURY.**
Sawicki, Jakub (Institute of Archaeology, Czech Academy of Sciences in Prague) - Piekalski, Jerzy (Institute of Archaeology, University of Wrocław)
- 17:45 A MARKETPLACE THROUGH THE AGES – THE ARCHAEOLOGY OF THE SZÉCHENYI SQUARE IN GYŐR, HUNGARY**
Kolláth, Ágnes (Bölcsészettudományi Kutatóközpont) - Bíró, Szilvia (Iseum Savariense Archaeological Collection and Research Centre, Savaria Museum, Szombathely) - Tomka, Gábor (Hungarian National Museum)
- 18:00 DEVELOPMENT AND RECONSTRUCTION OF THE 16TH-17TH-CENTURY MARKETPLACE IN PÁPA**
Mordovin, Maxim (Eötvös Loránd University)
- 18:15 DISCUSSION SLOT**

142 GENDER ARCHAEOLOGY AT THE CROSSROADS: THE FUTURE AND ITS CHALLENGES



Room: Gólyavár, Pázmány Péter room
Time: 8:30 - 13:00
Theme: 1. Archaeologists and Archaeology Here and Now
Format: Regular session
Organisers: Gaydarska, Bisserka (Manchester Metropolitan University) - Mina, Maria (University of the Aegean)

PAPERS

- 8:30 INTRODUCTION**
- 8:45 NOW WHAT? GENDERING THE PAST IN A CHANGING PRESENT**
Skogstrand, Lisbeth (Department of Archaeology, Conservation and History, University of Oslo)

- 9:00 FEMINIST GENDER ARCHAEOLOGY AND MAINSTREAM ARCHAEOLOGY: SHOULD THEY BE INCOMPATIBLE?**
Monton-Subias, Sandra (ICREA/Universitat Pompeu Fabra)
- 9:15 DISCUSSION SLOT**
- 9:30 NON AEQUAT OMNIS CINIS – OBSOLETE AND NEW APPROACHES ON GENDER IN MORTUARY ARCHAEOLOGY**
Schlegel, Valery (FU Berlin)
- 9:45 NEANDERTHAL RESEARCH, EARLY HUMAN HISTORY AND THE ISSUE OF MASCULINITY. THE ROLE OF GENDER IN NEANDERTHAL DISCOURSE**
Peeters, Susan (Erasmus School of Philosophy - ESPhil, Erasmus University Rotterdam; Institute for Science in Society - Isis, Radboud University Nijmegen) - Zwart, Hub (Erasmus School of Philosophy - ESPhil, Erasmus University Rotterdam)
- 10:00 ARCHAEOLOGICAL HERITAGE FEMINIST (RE)READING IN THE BASQUE COUNTRY: WALKING TOWARDS EQUALITY THROUGH ARCHAEOLOGICAL RESEARCH**
Campos-Lopez, Teresa (University of the Basque Country - UPV/EHU) - Aloria, Itziar (Deusto University) - Castrillo, Janire - Odriozola, Onintza - González, Aitziber (University of the Basque Country)
- 10:15 DISCUSSION SLOT**
- 11:00 GENDER EDUCATION IN ARCHAEOLOGY. CASE STUDIES FROM BULGARIA, GERMANY AND THE UK**
Gutsmiedl-Schuemann, Doris (Universität der Bundeswehr München, Department of Social Sciences and Public Affairs, Historical Institute) - Gaydarska, Bissierka (Manchester Metropolitan University)
- 11:15 GENDER, ARCHITECTURE, AND ARCHAEOLOGY: NEW CHALLENGES IN RESEARCH AND TEACHING ACTIVITIES OF THE ARSMAYA RESEARCH GROUP**
Vidal Lorenzo, Cristina - Meijide Jansen, Erika - Feliu Beltrán, Núria (Universitat de València) - Horcajada Campos, Patricia (Universidad Complutense de Madrid) - López Bertran, Miriea - Martí Bonafé, Àngels (Universitat de València) - Muñoz Cosme, Gaspar (Universitat Politècnica de València) - Parpal Cabanes, Esther - Vázquez de Ágredos, María Luisa (Universitat de València)
- 11:30 ARCHAEOLOGICAL MUSEUMS AND GENDER ARCHAEOLOGY: CONTRIBUTING TO THE CONSTRUCTION OF A MORE EGALITARIAN SOCIETY. A SPANISH PERSPECTIVE**
Romagnoli, Francesca - Prados Torreira, Lourdes - Castelo Ruano, Raquel (UAM - Universidad Autónoma de Madrid) - López Ruiz, Clara (INJUVE - Observatorio de la Juventud y la Mujer Joven, Instituto de

la Juventud) - Gutiérrez Usillos, Andrés - Robledo, Beatriz (Museo de América, Madrid)

- 11:45 DISCUSSION SLOT**
- 12:00 'MAKE MAPPINGS, NOT MUDDLES': GENDER ARCHAEOLOGY AND THE NEW MATERIALISMS**
Kay, Kevin - Eriksen, Marianne Hem (University of Leicester)
- 12:15 BEFORE, DURING AND AFTER GENDER: TOWARDS A NON-ESSENTIALIST HISTORY OF RELATIONAL DIFFERENCE**
Robb, John (University of Cambridge) - Harris, Oliver (University of Leicester)
- 12:30 THE FUTURE OF 'GENDER' IN ARCHAEOLOGY: INTEGRATING GENDER-APPROACHES INTO MAINSTREAM ARCHAEOLOGICAL PRACTICES**
Pape, Eleonore (Georg-August-Universität Göttingen)
- 12:45 DISCUSSION SLOT**

143 THE EVOLUTION OF COASTAL ARCHAEOLOGICAL SITES: SUBMERGED, PRESERVED, IN FLUX

- Room:** Building R, room E253
Time: 14:00 - 18:00
Theme: 5. Climate Change and Socioenvironmental Perspectives
Format: Regular session
Organisers: Kapahnke, Sheri (Independent researcher) - Zak, Claire (Texas A&M University)

PAPERS

- 14:00 ANCHORAGES, WAYPOINTS: A PLACE TO REST YOUR WEARY BOW**
Zak, Claire (Texas A&M University) - Kapahnke, Sheri (Independent Researcher)
- 14:15 HUMAN-ENVIRONMENTAL INTERACTIONS IN THE GRADO-MARANO LAGOON (NE ITALY)**
Vinci, Giacomo (Dipartimento di Scienze Storiche e dei Beni Culturali, Università di Siena) - Fontana, Alessandro (Dipartimento di Geoscienze, Università di Padova) - Mercuri, Anna Maria (Laboratorio di Palinologia e Paleobotanica, Università di Modena e Reggio Emilia) - Campana, Stefano (Dipartimento di Scienze Storiche e dei Beni Culturali, Università di Siena)

14:30 TSUNAMI-DERIVED SEDIMENTS IDENTIFIED IN THE DESTRUCTION SEQUENCE OF AN 8TH CENTURY WAREHOUSE IN CAESAREA MARITIMA, ISRAEL

Everhardt IV, Charles - Goodman-Tchernov, Beverly (Dr. Moses Strauss Department of Marine Geosciences, University of Haifa) - 'Ad, Uzi - Sharvit, Jacob - Gendelman, Peter - Barkai, Ofra (Israel Antiquities Authority) - Jaijel, Roi (Dr. Moses Strauss Department of Marine Geosciences, University of Haifa) - Roskin, Joel (Ben-Gurion University of the Negev) - Robins, Lotem (Department of Geography and Environmental Studies, University of Haifa) - Dey, Hendrik (Department of Art and Art History, Hunter College, City University of New York)

14:45 DISCUSSION SLOT

15:00 SEAGRASSES, INVASIVE SPECIES, AND THE CHANGING MEDITERRANEAN: PROTECTING OUR MARITIME HERITAGE

Kapahnke, Sheri (Independent Researcher) - Zak, Claire (Texas A&M University)

15:15 STEPS FORWARD REGARDING THE DEVASTATION OF TRAWLING ON ARCHAEOLOGICAL SITES AND FISH POPULATIONS

Jarvis, Charlotte (Ocean Foundation; Texas A&M University)

15:30 GIS MAPPING MARITIME CULTURAL LANDSCAPES IN LIBERIA AND SIERRA LEONE

Crutcher, Megan (Texas A&M University)

15:45 DISCUSSION SLOT

16:30 PREHISTORIC COASTAL SITES IN BARBADOS, WEST INDIES. EROSION, SUBMERGENCE AND COASTLINE CHANGE

de Waal, Maaïke (Faculty of Archaeology, Leiden University)

16:45 ERODING COASTAL SITES IN SOUTH-CENTRAL VERACRUZ, MÉXICO: CHALLENGES AND SIGNIFICANCE

Ensor, Bradley (Eastern Michigan University)

17:00 SHELL DEPOSITION IN IRELAND: A PROCESS OF THE PAST AND OF THE FUTURE

Howle Outlaw, Carolyn (University College Cork)

17:15 DISCUSSION SLOT

POSTERS

- A. PRISM: PRESERVATION BY RECORD OF IRELAND'S SHELL MIDDENS**
Howle Outlaw, Carolyn (University College Cork) - Connolly, Rory - Moucheron, Martin (University College Dublin)

157 FINDS STORIES: ARCHAEOLOGICAL BIOGRAPHIES IN CONTEXTS OF MOBILITY

Room: Building R, room E414

Time: 14:00 - 18:00

Theme: 4. Polis, Empire, League and Beyond – Living in Interconnected Societies

Format: Regular session

Organisers: Marini, Christina (Australian Archaeological Institute at Athens) - Trimmis, Konstantinos (Department of Archaeology and Anthropology, University of Bristol)

PAPERS

14:00 INTRODUCTION

14:15 THE MANY LIVES OF CHIKABA'S JAR: BIOGRAPHY OF AN 18TH CENTURY POT FROM A CONVENT IN SALAMANCA, SPAIN

Canós-Donnay, Sirio (Incipit-CSIC) - de Groot, Beatrijs (University of Edinburgh)

14:30 UNWRAPPING THE GALLOWAY HOARD: OBJECT-BIOGRAPHY AND THE NARRATIVES OF A COMPLEX ASSEMBLAGE

Goldberg, Martin - Davis, Mary (National Museums Scotland)

14:45 THE UNEXPECTED JOURNEY OF A STONWARE BOTTLE: WAYS OF APPROACHING THE BIOGRAPHY OF A SURFACE FIND

Marini, Christina (Australian Archaeological Institute at Athens)

15:00 TEXTILE BIOGRAPHIES IN CONTEXT OF MOBILITY. THE CASE OF ARCHAEOLOGICAL FINDS FROM PALMYRA

Zuchowska, Marta (Institute of Archaeology, University of Warsaw)

15:15 STORIES BEHIND PERSONAL OBJECTS AS MUSEUM NARRATIVES: A PERSPECTIVE FROM THE YMCA BASKETBALL MUSEUM OF THESSALONIKI

Theodoroudi, Eleftheria (YMCA, Basketball Museum Thessaloniki; Aristotle University Thessaloniki) - Soumintoub, Valentina (YMCA, Basketball Museum Thessaloniki) - Kasvikis, Konstantinos (University of Western Macedonia)

15:30 WHY TO DECORATE A POT? OBJECT BIOGRAPHIES IN IBERIAN CONTEXTS OF THE UPPER GUADALQUIVIR (SPAIN)

Moreno Padilla, María Isabel (Instituto de Investigación en Arqueología Ibérica. Universidad de Jaén)

15:45 DISCUSSION SLOT

- 16:30 MOBILITY OF IDEAS: TWO ARCHAEOLOGISTS IN TOTALITARIAN CONTEXTS**
Martins, Ana Cristina (IHC - Polo da Universidade de Évora; Uniarq - Centro de Arqueologia da Universidade de Lisboa; Proyecto 'ArqueologAs' - Universitat de Barcelona)
- 16:45 THE ADOPTION OF THE IZALCO-USULUTÁN STYLE IN NORTHERN CENTRAL AMERICA AS A REFLECTION OF SOCIAL COMPLEXITY IN THE LATE PRECLASSIC**
Martinet, Adrien (University of Bonn)
- 17:00 DISCUSSION SLOT**

POSTERS

- A. HEARTHES AS A CENTRAL FEATURE FOR THE SOCIAL ORGANISATION OF PAST AND PRESENT PEHUENCHE GROUPS IN SOUTH CHILE**
Toro, Oscar (University College London; Universidad Alberto Hurtado)
- B. "A HORSE! A HORSE! MY KINGDOM FOR A HORSE!" (WILLIAM SHAKESPEARE, RICHARD III)**
Christakopoulou, Olga - Giamalidi, Maria (Hellenic Ministry of Culture and Sports, Ephorate of Antiquities of Achaia)
- C. BELL BEAKER PACKAGE ON THE FRONTIER – RITUAL FEATURES IN NORTH-EASTERN POLAND**
Klecha, Aleksandra (Antiquity of Southeastern Europe Research Center, Faculty of Archaeology, University of Warsaw) - Manasterski, Dariusz - Januszek, Katarzyna (Faculty of Archaeology, University of Warsaw)

162 DIGITAL HUMANITIES AND MEDIEVAL ARCHAEOLOGY: RE-INTEGRATING ISOLATED, FRAGMENTED AND OVERLOOKED ARCHAEOLOGICAL EVIDENCE

Room: Main building, room 34

Time: 8:30 - 15:00

Theme: 6. A Decade after the 'Third Science Revolution in Archaeology'

Format: Regular session

Organisers: Vargha, Maria (Charles University Prague) - Eichert, Stefan (Naturhistorisches Museum Wien) - Parvanov, Petar (Central European University)



PAPERS

- 8:30 THANADOS - OR HOW TO PRESENT DEAD PEOPLE AND THEIR BELONGINGS IN A STATE OF THE ART FASHION**
Eichert, Stefan (Natural History Museum Vienna) - Richards, Nina (Austrian Academy of Sciences)
- 8:45 EMPOWERING THE VOICELESS – CHALLENGES AND APPROACHES**
Vargha, Maria (Charles University Prague)
- 9:00 EMPOWERING THE VOICELESS – GEOSTATISTICAL AND GEOSPATIAL ANALYSIS**
Janovský, Martin - Fajta, Martin (Univerzita Karlova)
- 9:15 DISCUSSION SLOT**
- 9:30 BEYOND DOTS AND NUMBERS. THE POTENTIAL AND PITFALLS OF LARGE-SCALE SPATIAL APPROACHES TO MEDIEVAL TRANSHUMANCE**
Dahle, Kristoffer (NTNU University Museum; Møre & Romsdal County)
- 9:45 CONSIDERING THE WAY FORWARD: DIGITAL DATA AND THE SEMANTIC WEB**
Jansens, Nicolas (Heidelberg University; Charles University)
- 10:00 OLD WINE INTO NEW WINESKINS: LEGACY DATA, BIG DATA, AND A CASE STUDY FROM THE BYZANTINE PELOPONNESE**
Simoni, Eleni (University of Patras) - Papagiannopoulos, Konstantinos (Institute of Local History) - Dafi, Evangelia (Ministry of Culture and Sports, Ephorate of Antiquities of Trikala) - Makrypoulas, Christos (Independent Scholar)
- 10:15 DISCUSSION SLOT**
- 11:00 SMALL FINDS IN 19TH AND EARLY 20TH CENTURY SILK ROAD COLLECTIONS: THE OVERLOOKED ARCHAEOLOGICAL EVIDENCE**
Hoppál, Krisztina (MTA-ELTE-SZTE Silk Road Research Group, Eötvös Loránd Research Network)
- 11:15 DIGITAL APPROACHES TO BOARD GAMES IN THE MEDIEVAL WORLD**
Crist, Walter - Browne, Cameron (Maastricht University)
- 11:30 FROM CLOSED CATALOGUES INTO LINKED OPEN NUMISMATIC DATA IN FINLAND**
Oksanen, Eljas (University of Helsinki) - Ehrnsten, Frida (National Museum of Finland; Finnish Heritage Agency) - Rantala, Heikki (Aalto University)
- 11:45 DISCUSSION SLOT**

- 12:00 UNDERSTANDING EARLY MEDIEVAL BURIALS THROUGH RADIOCARBON DATASETS**
Brownlee, Emma (University of Cambridge)
- 12:15 HOW DIGITIZING OLD EXCAVATIONS IN ARCMAP AND ACCESS DATABASES CAN CONTRIBUTE TO A GREATER UNDERSTANDING OF PAST PRACTICES**
Swensen, Elisabeth (NTNU University Museum)
- 12:30 EVERYDAY LIFE IN BORGUND AND THE REVITALISATION OF DATASETS ANNO 1950**
Hansen, Gitte (University Museum of Bergen, University of Bergen)
- 12:45 DISCUSSION SLOT**
- 14:00 RE-EVALUATING OLD ARCHEOLOGICAL EVIDENCE TO YIELD EXCITING NEW POTENTIAL: THE MEDIEVAL CASTLE OF PETRUS (CENTRAL SERBIA)**
Milosavljevic, Monika (University of Belgrade) - Stefanović, Filip - Stojanović, Branislav (The Regional Museum of Paraćin) - Trajković, Lana (Independent researcher) - Manojlović, Nikolina (University of Belgrade)
- 14:15 DISCUSSION SLOT**

POSTERS

- A. BRIDGING THE GAP: A SEMANTIC-BASED ARCHITECTURE TO BRING TOGETHER THE ARCHAEOLOGICAL RECORD AND WRITTEN EVIDENCE**
Medina Gordo, Sonia (University of Barcelona) - del Fresno Bernal, Pablo (Sistemas de Gestió del Patrimoni) - Travé Allepuz, Esther (University of Barcelona)
- B. THE VIRTUAL SCIENTIFIC MODEL OF GREAT MORAVIAN MIKULČICE**
Poláček, Lumír - Krupičková, Šárka - Hladík, Marek - Mazuch, Marian - Hlavica, Michal - Stuchlíková, Eva - Šindelář, Jiří (Institute of Archaeology of the Czech Academy of Sciences, Brno)

170 THE HOUSES OF DEATH AS ANCESTRAL MONUMENTS. THE ARCHAEOLOGY OF NEOLITHIC LONG BARROWS IN EUROPE

Room: Building F, room 12
Time: 8:30 - 12:30
Theme: 2. [Re]integration
Format: Regular session
Organisers: Turek, Jan (Center for Theoretical Study, Charles University, Prague) - Darvill, Timothy (Department of Archaeology and Anthropology,

Faculty of Science and Technology, Bournemouth University) - Kristuf, Petr (Department of Archaeology, University of West Bohemia in Pilsen) - Przybyl, Agnieszka (Istitute of Archaeology, University of Wrocław)

PAPERS

- 8:30 INTRODUCTION**
- 8:45 CULTURAL ADAPTATION, SOCIAL LEARNING, AND THE ADOPTION OF NEOLITHIC LONG BARROW CONSTRUCTION IN SOUTHERN SCANDINAVIA**
Swenson, Dain (Lund University)
- 9:00 WORK IN PROGRESS – BUILDING A LONG BARROW THROUGH CENTURIES**
Beck, Malene (Østfyns Museer)
- 9:15 MOUND OVER MOUND – LONG BARROWS AT BYGHOLM NØRREMARK, DENMARK**
Gebauer, Anne Birgitte - Nielsen, Poul Otto (National Museum of Denmark)
- 9:30 LONG BARROWS AND FAÇADES**
Larsson, Lars (Department of Archaeology and Ancient History)
- 9:45 A MOUND OF MEMORIES**
Søndergaard, Louise (Museum Skanderborg)
- 10:00 LONG BARROWS AND RELATED MONUMENTS IN THE COTSWOLDS IN THE LIGHT OF RECENT WORK**
Darvill, Timothy (Bournemouth University)
- 10:15 DISCUSSION SLOT**
- 11:00 NEOLITHIC LONG BARROWS AS LONG TERM ANCESTRAL MONUMENTS IN THE RITUAL LANDSCAPES OF BOHEMIA**
Turek, Jan (Center for Theoretical Study, Charles University) - Křišťuf, Petr (Department of Archaeology, University of West Bohemia in Pilsen) - Hejzman, Michal (Czech University of Life Sciences Prague)
- 11:15 PERSPECTIVES OF LONG BARROWS RESEARCH IN MORAVIA (CZECH REPUBLIC)**
Kalabková, Pavlína (Palacký University Olomouc)
- 11:30 FROM THE NEOLITHIC LONG BARROWS TO THE EARLY MEDIEVAL BURIAL MOUNDS. THE RITUAL LANDSCAPE OF THE MUSZKOWICE FOREST (SUDETEN FORELAND)**
Przybyl, Agnieszka (University of Wrocław)
- 11:45 DISCUSSION SLOT**

177 ORGANIC MATERIALS IN TOMBS: THE QUIET PROTAGONISTS

Room: Main building, room 138
Time: 14:00 - 17:30
Theme: 4. Polis, Empire, League and Beyond – Living in Interconnected Societies
Format: Regular session
Organisers: Andrianou, Demi (National Hellenic Research Foundation) - Kwaspen, Anne (Center for Textile Research, Copenhagen)

PAPERS**14:00 INTRODUCTION****14:15 ORGANIC FINDINGS FROM THE INFANT BURIALS AT THE NECROPOLIS OF THE PHALERON DELTA, IN SOUTHERN ATTICA, GREECE**

Panagoupoulou, Aikaterini (Hellenic Ministry of Culture and Sport) - Zachariás, Nikos (University of Peloponnese) - Pappas, Ioannis (University of Crete)

14:30 ORGANIC MATERIALS IN LATE CLASSICAL AND HELLENISTIC TOMBS IN GREECE: THE EVIDENCE OF FURNISHINGS

Andrianou, Demi (National Hellenic Research Foundation)

14:45 ORGANIC FINDS FROM A TOMB IN VERGINA, NORTHERN GREECE

Stamatopoulou, Vasiliki (The Greek Ministry of Culture / The Hellenic Open University) - Faklaris, Panagiotis (Aristotle University of Thessaloniki)

15:00 ORGANIC MATERIALS ON WEAPONS AND ARMOR FROM NORTHERN GREEK WARRIOR BURIALS

Stamatopoulou, Vasiliki (The Greek Ministry of Culture and Sports)

15:15 DISCUSSION SLOT**15:30 TEXTILES AND TEXTILE WORKING IN ROMAN PERIOD SLOVENIA**

Stemberger Flegar, Kaja (PJP d.o.o.) - Kovačič, Ana (Independent researcher)

15:45 FUNERARY TEXTILES IN PTOLEMAIC TOMBS AT EL-DEIR, KHARGA OASIS, WESTERN EGYPTIAN DESERT

Letellier-Willemin, Fleur (CRIHAM 4270 University of Limoges)

16:30 PTOLEMAIC TEXTILES FROM THE NECROPOLIS OF FAG EL-GAMUS, EGYPT

Kwaspen, Anne (CTR - SAXO - UCPH; BYU) - South, Kristin - Muhlestein, Kerry (BYU)

16:45 DISCUSSION SLOT**180 MULTI-PROXY MICROARCHAEOLOGICAL APPROACHES: STATE OF THE ART, NEW ADVANCES, LIMITATIONS AND FUTURE PERSPECTIVES**

Room: Building A, room 47
Time: 8:30 - 18:30
Theme: 5. Climate Change and Socioenvironmental Perspectives
Format: Regular session
Organisers: Albert, Rosa Maria (ICREA Research Professor; Dept. of History and Archaeology, University of Barcelona) - Berna, Francesco (Dept. of Archaeology, Simon Fraser University)

PAPERS**8:30 THE INTEGRATION OF FOURIER TRANSFORM INFRARED MICROSCOPY (MFTIR), PETROGRAPHIC ANALYSIS, AND SOIL MICROMORPHOLOGY IN ARCHAEOLOGY AND PALEOENVIRONMENTAL STUDIES**

Berna, Francesco (Simon Fraser University)

8:45 A MICROARCHAEOLOGICAL APPROACH TO THE EARLY UPPER PALEOLITHIC SITE OF MUGHR EL-HAMAMAH (JORDAN)

Alonso-Eguiluz, Mónica (Equip de Recerca Arqueològica i Arqueomètrica de la Universitat de Barcelona - ERAAUB) - Toffolo, Michael (Université Bordeaux Montaigne) - Albert, Rosa María (Institut Català de Recerca i Estudis Avançats - ICREA; Equip de Recerca Arqueològica i Arqueomètrica de la Universitat de Barcelona - ERAAUB) - Boaretto, Elisabetta (Kimmel Center for Archaeological Science - Weizmann Institute of Science) - White, Chantel (University of Pennsylvania) - Asouti, Eleni (University of Liverpool) - Nilsson Stutz, Liv (Linnaeus University) - Stutz, Aaron (Bohuslans Museum)

9:00 DECIPHERING DEPOSITIONAL HISTORIES: PHYTOLITH ANALYSIS ON ARCHAEOLOGICAL SOIL AND SEDIMENT THIN SECTIONS FROM MEDIEVAL CULTIVATED FIELDS IN BRUSSELS (BELGIUM)

Vrydaghs, Luc (MARI - VUB Department of Art Studies and Archaeology Faculty of Arts and Philosophy) - Ball, Terry (Department of Ancient Scripture, Brigham Young University) - Devos, Yannick (MARI - VUB Department of Art Studies and Archaeology Faculty of Arts and Philosophy)

9:15 CHEMICAL AND MICROBIOLOGICAL ANALYSIS REVEALS ANAEROBIC PRESERVATION SIGNATURES AT THE ROMAN SITE OF VINDOLANDA, NORTHUMBERLAND, UK

Taylor, Gillian - Orr, Caroline (Teesside University)

9:30 MAGNETIC MICROARCHAEOLOGY: METHODOLOGICAL DEVELOPMENTS IN THE INTEGRATION OF ARCHAEOLOGICAL SOIL MICROMORPHOLOGY WITH ARCHAEOMAGNETIC ANALYSIS

Dinckal, Ada (Archaeological Micromorphology and Biomarkers - AMBI Lab, Instituto Universitario de Bio-Orgánica Antonio González Avenida Astrofísico Francisco Sánchez; Universidad de La Laguna Departamento de Geografía e Historia) - Arguinzones Elvira, Amiel (Archaeological Micromorphology and Biomarkers - AMBI Lab, Instituto Universitario de Bio-Orgánica Antonio González Avenida Astrofísico Francisco Sánchez) - Carrancho Alonso, Angel (Área de Prehistoria. Dpto. Historia, Geografía y Comunicación. Laboratorio de Prehistoria. Edificio I+D+i, Universidad de Burgos; Laboratorio de Paleomagnetismo Dpto. Física, Escuela Politécnica Superior. Edificio A1 Universidad de Burgos) - Mallol, Carolina (Universidad de La Laguna Departamento de Geografía e Historia; Archaeological Micromorphology and Biomarkers - AMBI Lab, Instituto Universitario de Bio-Orgánica Antonio González Avenida Astrofísico Francisco Sánchez)

9:45 MEASURING COROLLARY TEMPERATURES IN FIRE-IMPACTED SEDIMENTS BY WAY OF A GEO-THERMOMETER

Stefanyshen, Earl (Simon Fraser University)

10:00 DISCUSSION SLOT

11:00 MICRO-DEBITAGE AND FIRE-STARTING: EXPERIMENTAL TECHNIQUES FOR DETERMINING THE PRESENCE OF STRIKE-A-LIGHT ACTIVITY IN SEDIMENTARY CONTEXTS

Wiebe, Matthea (Simon Fraser University)

11:15 HIDDEN SIGNATURES OF EARLY FIRE AT EVRON QUARRY (1.0 – 0.8 MYA)

Stepka, Zane (Kimmel Center for Archaeological Science, Weizmann Institute of Science, Rehovot) - Azuri, Ido (Bioinformatics Unit, Department of Life Sciences Core Facilities, Weizmann Institute of Science, Rehovot) - Horwitz, Liora (National Natural History Collections, The Hebrew University, Jerusalem) - Chazan, Michael (Department of Anthropology, University of Toronto) - Natalio, Filipe (Kimmel Center for Archaeological Science, Weizmann Institute of Science, Rehovot; Department of Plant and Environmental Sciences, Weizmann Institute of Science, Rehovot)

11:30 CONTRIBUTIONS OF MICROMORPHOLOGY TO THE UNDERSTANDING OF ARCHAEOLOGICAL RECORDS: ANTA 1 DE VALE DA LAJE, PORTUGAL, AS A CASE STUDY

Adewumi, Opeyemi (Centro de Geociências da Universidade de Coimbra; Universidade de Coimbra; Instituto Terra e Memória, Mação,

Portugal; Instituto Politécnico de Tomar) - Oosterbeek, Luiz (Centro de Geociências da Universidade de Coimbra; Instituto Terra e Memória, Mação; Instituto Politécnico de Tomar) - Vallverdú, Josep (Área de Prehistoria, Universitat Rovira i Virgili - URV; IPHES, Institut Català de Paleoecologia Humana i Evolució Social) - Almieda, Nelson (Uniarq, Centro de Arqueologia da Universidade de Lisboa. Faculdade de Letras da Universidade de Lisboa) - Ferreira, Mário Quinta (Centro de Geociências da Universidade de Coimbra, Portugal; Universidade de Coimbra)

11:45 TRACING NEOLITHIC FIRE USE AND PYRO-TECHNOLOGY IN THE MICRO-SCALE THROUGH THE USE OF AN INTEGRATED GEOARCHAEOLOGICAL METHODOLOGY

Roussos, Dimitrios - Kalogiropoulou, Evita (University of Crete) - Kyparissi-Apostolika, Nina (Ephorate of Paleoanthropology and Speleology) - Ziota, Christina (Ephorate of Antiquities of Florina)

12:00 NIR SPECTROSCOPY OF ORGANIC MATTER: A NEW METHOD FOR IDENTIFICATION OF ANCIENT AGRICULTURE IN CHERNOZEMIC SOILS

Dudek, Michal - Krupski, Mateusz - Bednik, Magdalena (Institute of Soil Science, Plant Nutrition and Environmental Protection, Wrocław University of Environmental and Life Sciences) - Kofel, Dominika (Institute of Archaeology and Ethnology, Polish Academy of Sciences) - Sady-Bugajska, Agata (Katowice) - Vrydaghs, Luc (Maritime Cultures Research Institute, Vrije Universiteit Brussel) - Przybył, Agnieszka (Institute of Archaeology, University of Wrocław)

12:15 MICROSCOPIC, LUMINESCENCE, AND GEOCHEMICAL METHODS FOR UNRAVELING LAND-USE HISTORY OF AGRICULTURAL TERRACES: CASE STUDIES FROM SICILY AND VENETO, ITALY

Fallu, Daniel (Tromsø University Museum, UiT: The Arctic University of Norway) - Alonso-Eguiluz, Mónica - Albert, Rosa Maria (ERAAUB Equip de Recerca Arqueològica i Arqueomètrica de la Universitat de Barcelona; Institut Català de Recerca i Estudis Avançats - ICREA) - Cucchiari, Sara (Department of Agricultural, Food, Environmental and Animal Sciences, University of Udine; Department of Land, Environment, Agriculture and Forestry, University of Padova) - Tarolli, Paolo (Department of Land, Environment, Agriculture and Forestry, University of Padova) - Lang, Andreas (Department of Environment and Biodiversity, Paris Lodron Universität Salzburg) - Brown, Antony (Tromsø University Museum, UiT The Arctic University of Norway; Geography and Environmental Science, University of Southampton)

12:30 DISCUSSION SLOT

- 14:00** **MULTI-APPROACH ANALYSIS OF PLANT CONSUMPTION: A CASE-STUDY OF IRON AGE SETTLEMENT AT PADA, NE ESTONIA**
Johanson, Kristiina - Chen, Shidong - Oras, Ester - Sammler, Sandra - Blehner, Marie Anna (University of Tartu)
- 14:15** **PLOIDY INFLUENCE ON PHYTOLITH PRODUCTION: A POTENTIAL TOOL TO STUDY AGRICULTURAL PRACTICES OF CEREALS**
Andreu Diez, Oriol (ERAAUB-Dep. History and Archeology, Universitat de Barcelona) - Pellicer Moscardó, Jaume (Institut Botànic de Barcelona - CSIC) - Boaretto, Elisabetta (Weizmann Institute of Science) - Albert, Rosa María (Institució Catalana de Recerca i Estudis Avançats - ICREA; Section of Prehistory and Archeology, Universitat de Barcelona)
- 14:30** **A MICROANALYSIS OF ROOFS IN TRADITIONAL AND PREHISTORIC CYCLADIC ARCHITECTURE**
Gkouma, Myrsini (Faculty of History and Archaeology, National and Kapodistrian University of Athens; Science and Technology in Archaeology Research Center, Cyprus Institute; Malcolm H. Wiener Laboratory for Archaeological Science, American School of Classical Studies at Athens) - Tsartsidou, Georgia (Ephoreia of Palaeo-anthropology-Speleology of Southern Greece; Malcolm H. Wiener Laboratory for Archaeological Science, American School of Classical Studies at Athens) - Boyd, Michael (McDonald Institute for Archaeological Research, University of Cambridge) - Margaritis, Evi (Science and Technology in Archaeology Research Center, Cyprus Institute) - Moutafi, Ioanna (Malcolm H. Wiener Laboratory for Archaeological Science, American School of Classical Studies at Athens) - Renfrew, Colin (McDonald Institute for Archaeological Research, University of Cambridge)
- 14:45** **ASSESSING THE RAW MATERIALS UTILIZED IN LIME PRODUCTION: A CASE STUDY OF PLASTERS AND MORTARS FROM KALAVASOS-AYIOS DHIMITRIOS, CYPRUS**
Herrick, Hannah - Berna, Francesco (Simon Fraser University)
- 15:00** **DESTRUCTION PROCESSES IN A LATE IRON AGE PUBLIC BUILDING: A MICROARCHAEOLOGICAL STUDY**
Shalom, Nitsan - Gadot, Yuval (Tel Aviv University) - Shalev, Yiftah (Israel Antiquities Authority) - Lipschits, Oded (Tel Aviv University) - Asscher, Yotam (Israel Antiquities Authority) - Boaretto, Elisabetta (Weizmann Institute of Science)

- 15:15** **DID THE ROMANS HAD AN URBAN WASTE MANAGEMENT SYSTEM? HOW AN INTEGRATING MICROARCHAEOLOGICAL APPROACH CAN BE USEFUL IN THIS DEBATE**
Gutiérrez-Rodríguez, Mario (Universidad de Jaén) - Bernal Casasola, Darío (Universidad de Cádiz) - Sánchez Vizcaíno, Alberto - Parras Guijarro, David - Tuñón López, José - Montejo Gámez, Manuel (Universidad de Jaén) - Goldberg, Paul (Boston University)
- 15:30** **DISCUSSION SLOT**
- 16:30** **APPLYING ISOTOPIC GEOCHEMISTRY TO SOURCE CERAMICS**
Renson, Virginie (University of Missouri Research Reactor)
- 16:45** **SOCIAL MICROARCHAEOLOGICAL APPROACH TO BURIALS**
Moilanen, Ulla (University of Turku)
- 17:00** **A COMPLEX JIGSAW. MULTI-PROXY RESEARCH FOR THE DUTCH EARLY NEOLITHIC**
Muller, Axel - Schrijer, Elma (ADC Archeoprojecten)
- 17:15** **FROM MICRO TO MACRO: A MULTI-SCALAR GEOARCHAEOLOGICAL INVESTIGATION OF LONG-TERM HUMAN-ENVIRONMENT INTERACTIONS AT THE HARRISON-CHEHALIS CONFLUENCE SW, BRITISH COLUMBIA**
Ritchie, Patrick (University of British Columbia) - Berna, Francesco (Simon Fraser University)
- 17:30** **TRACK RECORD: A MULTI-SCALAR APPROACH FOR INVESTIGATING MODERN AND ARCHAEOLOGICAL FOOTPATHS UNDER DIFFERENT ENVIRONMENTS**
Nir, Nadav (Freie Universität Berlin) - Stahlschmidt, Mareike (Max Planck Institute for Evolutionary Anthropology) - Davidovich, Uri (The Hebrew University of Jerusalem) - Hardt, Jacob (Freie Universität Berlin) - Busch, Robert (Freie Universität Berlin) - Schütt, Brigitta (Freie Universität Berlin) - Ullman, Micka (The Hebrew University of Jerusalem)
- 17:45** **DISCUSSION SLOT**

POSTERS

- A.** **ONE MILLENNIUM OF HUMAN-ENVIRONMENT INTERACTIONS RECORDED IN THE ŚWIĘTE MIRE (WESTERN POLAND, CENTRAL EUROPE)**
Czerwinski, Sambor (Laboratory of Climate Change Ecology, Adam Mickiewicz University; Max Planck Institute for the Science of Human History, Jena) - Lamentowicz, Mariusz (Laboratory of Climate Change Ecology, Adam Mickiewicz University) - Karpińska-Kotaczek, Monika (Climate Change Ecology Research Unit, Adam Mickiewicz University; Centre for the Study of Demographic and Economic Structures in Preindustrial Central and Eastern Europe, University of Białystok) -

Guzowski, Piotr (Centre for the Study of Demographic and Economic Structures in Preindustrial Central and Eastern Europe, University of Białystok) - Izdebski, Adam (Max Planck Institute for the Science of Human History, Jena) - Gałka, Mariusz (Department of Biogeography, Paleoeecology and Nature Conservation, University of Lodz) - Pilloix, Malo (Laboratoire Chrono-Environnement, UMR 6249, Université de Bourgogne Franche-Comté) - Kotaczek, Piotr (Laboratory of Climate Change Ecology, Adam Mickiewicz University)

187 THE NETWORK FORMER: TRADE AND EXCHANGE OF GLASS IN ANTIQUITY

Room: Main building, room 137

Time: 14:00 - 18:30

Theme: 4. Polis, Empire, League and Beyond – Living in Interconnected Societies

Format: Regular session

Organisers: Franjic, Ana (Museum of Ancient Glass, Zadar) - Montanari, Eleonora (Newcastle University)

PAPERS

14:00 INTRODUCTION

14:15 GLASS EYE-BEADS IN MYCENAEAN GREECE: MANUFACTURE, PROVENANCE AND FUNCTION

Nikita, Kalliopi (Greek Ministry of Culture - Ephorate of Antiquities of East Attica)

14:30 EVIDENCE FOR LONG-DISTANCE TRADE ON THE GREAT HUNGARIAN PLAIN: BLUE GLASS BEADS FROM THE TUMULUS CULTURE CEMETERY OF MAKLÁR

Mengyán, Ákos (Hungarian National Museum) - Sz. Osváth, Zsófia (Department of Archaeology, Doctoral School of History, University of Szeged) - Hrabák, Zita (Hungarian National Museum) - Bajnóczy, Bernadett (Institute for Geological and Geochemical Research, Research Centre for Astronomy and Earth Sciences, Eötvös Loránd Research Network - ELKH)

14:45 GLASS CONNECTIONS IN LATE IRON AGE EUROPE: FROM RAW MATERIAL FROM THE NEAR EAST TO ORNAMENTS OF THE NEARBY CITY

Rolland, Joëlle (UMR 8215 Trajectoires; UMR 7065 Iramat)

15:00 DISCUSSION SLOT

15:15 MOSAIC GLASS OBJECTS FROM THE ROMAN LEGIONARY CAMP BURNUM
Jadric-Kucan, Ivana (University of Zadar) - Sokcevic Purusic, Anamarija (Archaeological collection Burnum National Park "Krka")

15:30 ARCHAOMETRIC INVESTIGATION ON THE OPAQUE RED GLASS SECTILIA FROM THE VILLA OF LUCIUS VERUS (2ND CENTURY AD) IN ROME
Bandiera, Mario (VICARTE, Research unit Vidro e Ceramica para as Artes, FCT/UNL; Dep. de Conservação e Restauro, FCT/UNL) - Verità, Marco (LAMA laboratory, IUAV University, Venice) - Vilarigues, Marcia (VICARTE, Research Unit Vidro e Ceramica para as Artes, FCT/UNL; Dep. de Conservação e Restauro, FCT/UNL) - Saguì, Lucia (Sapienza Università di Roma)

15:45 DISCUSSION SLOT

16:30 THE FALL OF ANTIMONY: SOURCING THE END OF SB-DECOLOURED ROMAN GLASS
Degryse, Patrick (Earth and Environmental Sciences, KU Leuven; Fac. Archaeology, Leiden University) - Van Ham - Meert, Alicia - Gonzalez, Sofia (Earth and Environmental Sciences, KU Leuven)

16:45 TRANSFORMATION IN SICILIAN GLASS ECONOMY BETWEEN THE MID-4TH AND 7TH CENTURIES: MAZARA DEL VALLO AND VILLA DEL CASALE
Vagni, Elisa - Colangeli, Francesca (Università degli studi di Roma "Tor Vergata", SPFS Department) - Schibille, Nadine (IRAMAT-Centre Ernest Babelon - UMR 5060 - CNRS-Université d'Orléans)

17:00 GLASS FOR BARBARIANS & GLASS OF BARBARIANS
Cholakova, Anastasia (National Institute of Archaeology with Museum, Bulgarian Academy of Sciences) - Petruskas, Oleg (Institute of Archaeology, The National Academy of Sciences of Ukraine) - Karlsen, Hans-Jörg (Universität Rostock, Heinrich Schliemann-Institut für Altertumswissenschaften) - Hegewisch, Morten (Institut für Prähistorische Archäologie, Freie Universität Berlin) - Kronz, Andreas (Geowissenschaftliches Zentrum, Georg-August-Universität Göttingen)

17:15 DISCUSSION SLOT

17:30 "WHAT LIGHT THROUGH YONDER WINDOW BREAKS?" FIRST ARCHAOMETRIC RESULTS FROM THE WINDOWGLASSMED PROJECT
Bertini, Camilla (Newcastle University; Harvard University)

17:45 SAFETY IN NUMBERS: GLASS, COMPOSITIONAL ANALYSIS AND THE MATHEMATICAL NETWORK
Govantes Edwards, David (University of Córdoba)

18:00 DISCUSSION SLOT

POSTERS

- A. CHEMICAL COMPOSITIONS OF SELECTED BRONZE AND IRON AGE GLASS AND GLASSY ARTEFACTS FROM SOUTHEAST HUNGARY**
Sztankovánszkiné Osváth, Zsófia (Department of Archaeology, Doctoral School of History, University of Szeged) - Bajnóczi, Bernadett (Institute for Geological and Geochemical Research, Research Centre for Astronomy and Earth Sciences, Eötvös Loránd Research Network - ELKH)
- B. MOVEMENT OF RAW GLASS IN THE ROMAN EMPIRE: HIMT GLASS AT FENÉKPUSZTA, PANNONIA (HUNGARY)**
Dévai, Kata (MTA - ELTE Research Group for Interdisciplinary Archaeology) - Fórizs, István (Research Centre for Astronomy and Earth Sciences, Institute for Geological and Geochemical Research) - Heinrich-Tamáská, Orsolya (Leibniz-Institute for History and Culture of Eastern Europe - GWZO) - Prien, Roland (Heidelberg Centre for Cultural Heritage, Ruprecht-Karls-Universität Heidelberg)

192 MULTI-PROXY APPROACHES TO KINSHIP IN THE GRECO-ROMAN WORLD

- Room:** Main building, room 26
Time: 8:30 - 12:30
Theme: 4. Polis, Empire, League and Beyond – Living in Interconnected Societies
Format: Regular session
Organisers: Voutsaki, Sofia (University of Groningen) - Nikita, Efthymia (The Cyprus Institute - STARC) - Nevett, Lisa (The University of Michigan)

PAPERS

- 8:30 THE STUDY OF KINSHIP IN THE ANCIENT GREEK WORLD: SOME REFLECTIONS**
Voutsaki, Sofia (Groningen Institute of Archaeology; Center for Hellenic Studies, Harvard University)
- 8:45 KINSHIP STUDIES THROUGH THE ARCHAEOLOGICAL RECORD: EXPLORING MULTIPLE WAYS OF APPROACHING KIN TIES IN PREHISTORIC SOCIETIES**
Kyritsi, Maria (National and Kapodistrian University of Athens)
- 9:00 HOUSE AND SETTLEMENT DISPOSITION AS A REFLECTION OF KINSHIP RELATIONSHIPS. THE PREPALATIAL HAMLET OF MYRTOS FOURNOU KORIFI AS A CASE-STUDY**
Vendramin, Daniele (Université Catholique de Louvain)

- 9:15 DISCUSSION SLOT**
- 9:30 MORTUARY STRATEGIES & KINSHIP DYNAMICS IN EARLY GREECE**
Alexandridou, Alexandra (University of Ioannina)
- 9:45 ETHNIC ROOTS, FEMALE DESCENT, FAMILY STRATEGIES: VOLTERRA, AN ETRUSCAN COMMUNITY IN THE ROMAN WORLD (CENTURIES 3RD BC-5TH AD)**
Limina, Valentina (Université Catholique de Louvain)
- 10:00 DISCUSSION SLOT**
- 11:00 BIOARCHAEOLOGICAL APPROACHES TO KINSHIP PATTERN ANALYSIS IN THE GRECO-ROMAN WORLD**
Nikita, Efthymia (The Cyprus Institute)
- 11:15 KINSHIP AND SOCIAL CHANGE AT THE ONSET OF THE MYCENEAN ERA; THE CASE OF AYIOS VASILEIOS**
Tritsaroli, Paraskevi (University of Groningen, Institute of Archaeology) - Moutafi, Ioanna (The Malcolm H. Wiener Laboratory for Archaeological Science Postdoctoral Fellow, American School of Classical Studies at Athens) - Nikita, Efthymia (Science and Technology in Archaeology and Culture Research Centre, The Cyprus Institute) - Voutsaki, Sofia (University of Groningen, Institute of Archaeology)
- 11:30 BLOOD WILL TELL. FAMILY BURIALS IN ROMAN SAGALASSOS (FIRST-FIFTH CENTURY CE), SOUTHWEST TURKEY**
Beaujean, Bas (Sagalassos Archaeological Research Project; KU Leuven) - Cleymans, Sam (Sagalassos Archaeological Research Project; KU Leuven; Gallo-Romeins Museum Tongeren)
- 11:45 DISCUSSION SLOT**

194 SAFER-SPACES POLICIES IN ARCHAEOLOGICAL PRACTICE

- Room:** Main building, room 112
Time: 8:30 - 10:30
Theme: 1. Archaeologists and Archaeology Here and Now
Format: Workshop
Organisers: Barreiro, David (Institute of Heritage Sciences, Spanish National Research Council) - Pastor-Pérez, Ana (Institute of Archaeology, University of Barcelona) - Simões, Sara (UNIARQ - Centre for Archaeology, University of Lisbon)



The EAA 2020 Statement on Archaeology and Gender was approved in 2021. It constitutes an important step on the path towards equality and, therefore, towards a fairer, freer and safer archaeological practice for everyone. It is the result of years of work carried out by different people, mostly women, inside and outside

the EAA. Those professionals have focused on identifying and preventing the risk of harassment in archaeology and, ultimately, on its future demise.

Moreover, we think that those initiatives are the minimum to adopt a general EAA strategy against harassment, and that it is necessary to expand the field of action including functional diversity, physical appearance, ethnicity or origin, age or beliefs. In our view to transfer the Safe Space policy that is already adopted at EAA meetings to the exercise of the discipline is very relevant, especially in all the archaeological ecosystem: laboratories, classrooms, offices and archaeological sites-excavations. Safety should be also a priority since risk prevention is often insufficient or even non-existent and its lack constitutes a form of abuse towards the worker.

This session is intended to be a forum for debate how to design and implement Safer Space Policies in the archaeological field and practice. How and how far are we moving forward on preventing risk, bullying, harassment and discrimination together? What are we doing to move towards a safe, egalitarian, inclusive and diverse discipline? How to combine experiences and strategies in order to create supportive frameworks and networks for students and professionals?

Should they be comprehensive policies or should they be designed by experts and applied according to specific criteria? Should they be applied following a principle of co-responsibility or should there be roles of greater responsibility within the workspaces? What can we do from EAA to the broader field of Archaeology?

207 REMEMBRANCE OF THINGS PAST: NEW APPROACHES TO THE CONSTRUCTION AND USES OF CULTURAL MEMORY FROM IRON AGE TO ANTIQUITY

Room: Main building, room 34

Time: 16:30 - 18:30

Theme: 2. [Re]integration

Format: Regular session

Organisers: Gomes, Francisco (UNIARQ - Centre for Archaeology of the University of Lisbon; School of Arts and Humanities of the University of Lisbon) - Machuca Prieto, Francisco (University of Málaga)

PAPERS

16:30 CULTURAL MEMORY IN PROTOHISTORIC AND ANCIENT MEDITERRANEAN SOCIETIES: AN HISTORIOGRAPHICAL INTRODUCTION

Machuca Prieto, Francisco (University of Malaga, Department of Historical Sciences) - B. Gomes, Francisco (UNIARQ - Centre for Archaeology of the University of Lisbon, School of Arts and Humanities of the University of Lisbon)

16:45 BUILDING MEMORIES: PAST ARCHITECTURES AND THE MATERIALIZATION OF A "SENSE OF PLACE" IN WESTERN SICILY, 9TH – 6TH CENTURIES BC

Ferrer-Martín, Meritxell (Universitat Pompeu Fabra)

17:00 (RE)INVENTING TRADITION: CULTURAL MEMORY AND THE RISE OF RURAL SOCIETIES IN THE EARLY IRON AGE OF SOUTHERN PORTUGAL

Gomes, Francisco (University of Lisbon)

17:15 DISCUSSION SLOT

17:30 THE SACRED PAST: MEMORY AND THE CONSTRUCTED LANDSCAPE OF THE SORTE MULD SETTLEMENT

Maddox, Timmis (University of Wisconsin-Milwaukee) - Caretta, Nicolas (Bornholms Museum) - Czonstke-Świątkowska, Karolina - Świątkowski, Bartosz (University of Gdansk)

17:45 COLLECTIVE MEMORY AND EXTREME EVENTS. SYMBOLIC IMPLICATIONS OF A POSSIBLE EARTHQUAKE IN THE ROMAN LEVELS OF LOS CASTILLEJOS (MÁLAGA, SPAIN)

Martín Casado, Juan Manuel (Universidad de Málaga)

18:00 MAKING MEMORIES IN THE MOUNTAINS. THEORIZING CULTURAL MEMORY AT ROMAN IMPERIAL AND LATE ROMAN (25BCE-C.400CE) SAGALASSOS (SW ASIA MINOR)

Beaujean, Bas (Sagalassos Archaeological Research Project)

18:15 DISCUSSION SLOT

208 TELLING STORIES ABOUT IMPACTS OF ACADEMIC RESEARCH IN ARCHAEOLOGY ON SOCIETY: WIDER LESSONS FROM THE UK RESEARCH EXCELLENCE FRAMEWORK EXPERIENCE

Room: Main building, room 112

Time: 11:00 - 13:00

Theme: 1. Archaeologists and Archaeology Here and Now

Format: Round table

Organisers: Foster, Sally (University of Stirling; EAA Secretary) - Holtorf, Cornelius (Linnaeus University; UNESCO Chair on Heritage Futures)



This session asks what we can learn from the UK's recent Research Excellence Framework (REF) experience of university academics having to formally generate, measure and evaluate non-academic impact of their archaeological research.

The REF publishes the results of its 2021 assessment of the quality of research in UK higher education institutions (HEI) in May 2022. The outcomes of this massive enterprise, last undertaken in 2014, affect future HEI funding, with 25% of each score now relating to impact. Over 60 diverse Impact Case Studies for archaeological

and related heritage research will be published (www.ref.ac.uk) and offer insights into the character of existing practices.

We aim to explore the following:

- Should archaeological research be evaluated in relation to its public benefits and impact on society, what does that mean, and can it be measured by criteria such as reach and significance?
- What are the trends across Europe in evaluating archaeology's public benefits and impact on society?
- What are the practical challenges and opportunities that arise from any formal requirements of evaluation, and how can we help each other to enhance our performances or change the requirements?
- In the wider context of the drive for Archaeology to demonstrate and improve public benefits and impact, what can we learn going forward?

We particularly welcome attendance from academics with diverse geographical experience of researching in European Universities. Discussants will include:

- David Mattingly (University of Leicester, Chair of Archaeology REF Panel) – UK context, processes of measurement and evaluation
- Sally Foster (University of Stirling) – character of non-academic impacts and pathways to impact in the UK context
- Peter Hinton (Director, Chartered Institute for Archaeologists) – comparing the agenda for non-academic impact beyond universities
- Cornelius Holtorf (Linnaeus University) – a non-UK counterpoint based on Sweden.

213 ISOSCAPES, FOODWEBS AND PROVENANCE – ISOTOPE ARCHAEOLOGY BEYOND MATERIALS AND SPECIALISATIONS

Room: Building B, room 172

Time: 8:30 - 16:00

Theme: 6. A Decade after the 'Third Science Revolution in Archaeology'

Format: Regular session

Organisers: Rose, Thomas (Department of Archaeology, Ben-Gurion University of the Negev; Scienze dell'Antichità, Facoltà di Lettere e Filosofia, Sapienza - Università di Roma; Forschungsbereich Archäometallurgie, Leibniz-Forschungsmuseum für Georessourcen/Deutsches Bergbau-Museum Bochum) - Paladugu, Roshan (Universidade de Évora; Sapienza - Università di Roma) - Giaccari, Matteo (Department of Environmental Biology, Sapienza University of Rome)

PAPERS

8:30 INTRODUCTION

8:45 FOODWEB ISOTOPIC VARIABILITY IN THE EARLY NEOLITHIC: DETAILED ANIMAL BASELINE RELEVANCE AND IMPLICATION IN THE AISNE VALLEY (5100-4900 BC)

Herrscher, Estelle - André, Guy (CNRS, Aix Marseille Univ, LAMPEA) - Hachem, Lamys (Inrap; Trajectoires UMR 8215) - Bedault, Lisandre (Trajectoires UMR 8215) - Thévenet, Corinne (Inrap; Trajectoires UMR 8215) - Hamon, Caroline (Trajectoires UMR 8215) - Balasse, Marie (MNHN, CNRS, AASPE UMR 7209) - Ilett, Michael (Trajectoires UMR 8215)

9:00 THE DIET SYSTEM OF THE BRONZE AGE EAST EUROPE POPULATION AND DIETARY RESOURCES: INTERPRETATION OF STABLE ISOTOPE DATA

Shishlina, Natalia (-)

9:15 UNDERSTANDING THE PAST THROUGH THE PRESENT: THE IMPORTANCE OF CONTROLLED FEEDING EXPERIMENTS IN ISOTOPE ARCHAEOLOGY

Gutierrez, Eléa (Department of Archaeology, University of Aberdeen; Department of Biological Sciences, University of Aberdeen) - Mitchell, Sharon - Hambly, Catherine (Department of Biological Sciences, University of Aberdeen) - Speakman, John (Department of Biological Sciences, University of Aberdeen; Shenzhen Key Laboratory of Metabolic Health, Shenzhen Institutes of Advanced Technology; Centre of Excellence in Animal Evolution and Genetics, Chinese Academy of Sciences) - Britton, Kate (Department of Archaeology, University of Aberdeen; Department of Human Evolution, Max Planck Institute for Evolutionary Anthropology)

9:30 PRESERVING BARLEY IN PEAT HEARTHS: EXPERIMENTAL ARCHAEOLOGY, STABLE ISOTOPES AND THE IRON AGE SITE OF CLACHTOLL BROCH, SCOTLAND

Walker-Friedrichs, Fiona - Gröcke, Darren (Durham University) - Heald, Andy - Cavers, Graeme - Robertson, Jackaline (AOC Archaeology Group) - Church, Mike (Durham University)

9:45 STABLE ISOTOPES STUDIES IN SICILIAN PHOENICIAN AND PUNIC SETTLEMENTS

Meli, Francesca (Dept. Cultural Heritage-University of Palermo; LabHomo- Anthropology Laboratory of Department of Biological, Chemical and Pharmaceutical Sciences and Technologies-University of Palermo) - Tramati, Cecilia (Stable Isotope Ecology Laboratory of the Department of Earth and Marine Sciences-University of Palermo) - Greco, Caterina (Museo Archeologico Regionale "Antonino Salinas")

- Griffo, Maria Grazia (Museo Archeologico Regionale Lilibeo di Marsala) - Nero, Carla (Soprintendenza Beni Culturali Palermo) - Fiorentino, Claudia (LabHomo- Anthropology Laboratory of Department of Biological, Chemical and Pharmaceutical Sciences and Technologies-University of Palermo) - Vizzini, Salvatrice (Stable Isotope Ecology Laboratory of the Department of Earth and Marine Sciences-University of Palermo) - Sineo, Luca (LabHomo- Anthropology Laboratory of Department of Biological, Chemical and Pharmaceutical Sciences and Technologies-University of Palermo)

10:00 DISCUSSION SLOT

11:00 INVESTIGATING HUMAN-ANIMAL INTERACTIONS IN PRECOLONIAL HISPANIOLA: USING BAYESIAN DIETARY MIXING MODELS TO DIFFERENTIATE WILD AND DOMESTICATED PLANT FOOD SOURCE CONTRIBUTIONS

Shev, Gene - Laffoon, Jason (Leiden University - Faculty of Archaeology)

11:15 WEANING AGE FINDER (WEAN): A SIMPLE TOOL FOR ESTIMATING WEANING AGE FROM ISOTOPIC DATA

Ganiatsou, Elissavet - Souleles, Angelos - Papageorgopoulou, Christina (Laboratory of Physical Anthropology, Department of History and Ethnology, Democritus University of Thrace)

11:30 ARCHAEOLOGY OF BRAZILIAN SHELLMOUNDS: OLD QUESTIONS AND NEW MULTI-PROXY APPROACHES

Cardoso, Jessica (Géosciences Environnement Toulouse, Observatoire Midi Pyrénées, UMR 5563, CNRS; Museum of Archaeology and Ethnology, University of São Paulo) - Guiserix, Danaé (École Normale Supérieure de Lyon ENS) - Jaouen, Klervia (Géosciences Environnement Toulouse, Observatoire Midi Pyrénées, UMR 5563, CNRS; Department of Human Evolution, Max Planck Institute for Evolutionary Anthropology, Leipzig) - Strauss, Andre (Museum of Archaeology and Ethnology, University of São Paulo)

11:45 A COMBINED OSTEOLOGICAL, ISOTOPE AND PROTEOMICS APPROACH TO POORLY PRESERVED HUMAN REMAINS FROM A DUTCH EAST INDIA COMPANY BURIAL GROUND

Hall, Rachael (Laboratory of Human Osteoarchaeology, Faculty of Archaeology, Leiden University) - Olszewski, Judyta (Division of Clinical Anatomy and Biological Anthropology, Department of Human Biology, University of Cape Town; Laboratory of Human Osteoarchaeology, Faculty of Archaeology, Leiden University) - Kootker, Lisette (Geology & Geochemistry cluster, Department of Earth Sciences,

Vrije Universiteit Amsterdam) - Layfield, Robert - Shaw, Barry - Oldham, Neil (The University of Nottingham Medical School, Faculty of Medicine & Health Sciences, University of Nottingham) - Hart, Tim (Archaeology Contracts Office - ACO - Associates, Cape Town) - Derksen, Leon (Independent Researcher) - Manders, Martijn (Cultural Heritage Agency of the Netherlands - RCE; Archaeological Heritage Management, Faculty of Archaeology, Leiden University) - Schrader, Sarah (Laboratory of Human Osteoarchaeology, Faculty of Archaeology, Leiden University)

12:00 THE ISOTOPIC RATIO $87\text{SR}/86\text{SR}$ AS MOBILITY/PERMANENCE MARKER IN VELIA ARCHAEOLOGICAL SITE

Giaccari, Matteo (Department of Environmental Biology, Sapienza University of Rome)

12:15 CONSTRUCTING BIOAVAILABLE STRONTIUM BASELINES FROM THE LOCAL TO THE MULTI-NATIONAL SCALE USING NEW AND LEGACY DATA – CHALLENGES AND LIMITATIONS

James, Hannah - Cheung, Christina - Gerritzen, Carina - Griffith, Jacob - Snoeck, Christophe (Research Unit: Analytical, Environmental & Geo-Chemistry, Department of Chemistry, Vrije Universiteit Brussel; Maritime Cultures Research Institute, Department of Art Sciences and Archaeology, Vrije Universiteit Brussel)

12:30 DISCUSSION SLOT

14:00 THE APPLICATION OF SR ISOTOPES TO DECIPHER THE SOURCE OF NABATAEAN BRONZE COINS COLLECTED IN ISRAEL

Ercoles, Isabella (Department of Earth Sciences, Sapienza University of Rome)

14:15 FROM OXALID TO GLOBALID: A SUBSTANTIAL UPGRADE OF A WELL-KNOWN DATA POOL OF LEAD ISOTOPES FOR METAL PROVENANCING USING R

Rose, Thomas (Department of Archaeology, Ben-Gurion University of the Negev, Be'er Sheva; Dipartimento di Scienze dell'Antichità, Sapienza – Università di Roma; Forschungsbereich Archäometallurgie, Leibniz-Forschungsmuseum für Georessourcen/Deutsches Bergbau-Museum Bochum) - Klein, Sabine (Forschungsbereich Archäometallurgie, Leibniz-Forschungsmuseum für Georessourcen/Deutsches Bergbau-Museum Bochum; Institut für Archäologische Wissenschaften, Ruhr-Universität Bochum; FIERCE, Frankfurt Isotope & Element Research Centre, Goethe Universität) - Westner, Katrin (Ecole Normale Supérieure de Lyon, CNRS, Université de Lyon) - Hsu, Yiu-Kang

(Forschungsbereich Archäometallurgie, Leibniz-Forschungsmuseum für Georessourcen/Deutsches Bergbau-Museum Bochum)

14:30 FURTHERING OUR UNDERSTANDING OF THE SOURCES OF THE METAL OF ROMAN DENARII – A MULTI-ISOTOPE AND ELEMENTAL ANALYSIS APPROACH

Greifelt, Tim (Forschungsbereich Archometallurgie, Leibniz-Forschungsmuseum für Georessourcen/Deutsches Bergbau-Museum Bochum; Institut für Geologie, Mineralogie & Geophysik, Ruhr-Universität Bochum) - Wigg-Wolf, David (Römisch-Germanische Kommission des Deutschen Archäologischen Instituts - RGK, Frankfurt am Main) - Klein, Sabine (Forschungsbereich Archäometallurgie, Leibniz-Forschungsmuseum für Georessourcen/Deutsches Bergbau-Museum Bochum; Institut für Archäologische Wissenschaften, Ruhr-Universität Bochum; FIERCE, Frankfurt Isotope & Element Research Centre, Goethe Universität, Frankfurt am Main)

14:45 SOCIAL TRAJECTORIES OF MEDITERRANEAN IMPORT IN THE TRANSALPINE WORLD BETWEEN THE 3RD CENTURY BC AND 2ND CENTURY AD

Bursak, Daniel - Frank-Danielisová, Alžběta (Institution of Archaeology of the CAS, Prague)

15:00 DEVELOPMENTS TOWARDS FAIR AND LOUD INSTRUMENTAL DATA REPOSITORIES IN OTHER DISCIPLINES

Rose, Thomas (Department of Archaeology, Ben-Gurion University of the Negev, Be'er Sheva; Dipartimento di Scienze dell'Antichità, Sapienza – Università di Roma; Forschungsbereich Archäometallurgie, Leibniz-Forschungsmuseum für Georessourcen/Deutsches Bergbau-Museum Bochum)

15:15 DISCUSSION SLOT

POSTERS

A. HOW CAN WE BE SURE THAT OUR (OSSEOUS) FIND IS APPROPRIATE FOR AMS 14C MEASUREMENT?

Szigeti, Anna (International Radiocarbon AMS Competence and Training Center - INTERACT, Institute for Nuclear Research, Debrecen; Déri Museum, Debrecen) - Molnár, Mihály - Major, István (International Radiocarbon AMS Competence and Training Center - INTERACT, Institute for Nuclear Research, Debrecen)

B. ROMAN CONNECTIONS IN VALKENBURG: A TRIPLE SR-O-C ISOTOPE APPROACH TO THE HUMAN REMAINS OF THE PEOPLE IN A MILITARISED BORDERSCAPE

De Coster, Maura (Geology & Geochemistry, Department of Earth Sciences, Vrije Universiteit Amsterdam) - Vos, Wouter (Vos Archeo; Saxion University of Applied Sciences Deventer) - Stevens, Saskia (Ancient History and Classical Civilization, department of History and Art History, Utrecht University) - Davies, Gareth (Geology & Geochemistry, Department of Earth Sciences, Vrije Universiteit Amsterdam) - Kootker, Lisette (Geology & Geochemistry, Department of Earth Sciences, Vrije Universiteit Amsterdam)

C. THE DIETARY IMPACT OF THE YAMNAYA HORIZON ON CONTEMPORARY AGRICULTURALIST POPULATIONS IN THE BALKANS

Sandoval, Elena (University of Bristol; YMPACT project)

D. COMPARISON OF REMOVAL METHODS OF CONSERVATION SUBSTANCES LAID ON ARCHAEOLOGICAL BONE SAMPLES DEDICATED TO CARBON ISOTOPIC ANALYSES

Major, Istvan (International Radiocarbon AMS Competence and Training Center - INTERACT, Institute for Nuclear Research, Debrecen) - Szigeti, Anna (International Radiocarbon AMS Competence and Training Center - INTERACT, Institute for Nuclear Research, Debrecen; Déri Museum, Debrecen) - Fogarasi, Eszter (International Radiocarbon AMS Competence and Training Center - INTERACT, Institute for Nuclear Research, Debrecen; Department of Physical Chemistry, University of Debrecen) - Futó, István (International Radiocarbon AMS Competence and Training Center - INTERACT, Institute for Nuclear Research, Debrecen) - Lengyel, György (Department of Prehistory and Archaeology, University of Miskolc) - Jull, AJ - Molnár, Mihály (International Radiocarbon AMS Competence and Training Center - INTERACT, Institute for Nuclear Research, Debrecen)

E. SAMPLING METHODOLOGY FOR THE RADIOCARBON DATING OF HISTORICAL MORTAR: EXAMPLES OF SAMPLES FROM THE OLDEST STRUCTURES AT PRAGUE CASTLE (CZ)

Tomanova, Pavla (Institute of Archaeology of the CAS) - Válek, Jan (Institute of Theoretical and Applied Mechanics of the CAS) - Světlík, Ivo (Nuclear Physics Institute of the CAS) - Maříková-Kubková, Jana - Herichová, Iva (Institute of Archaeology of the CAS)

- F. STABLE ISOTOPE ANALYSIS IN HUMAN BONE COLLAGEN FOR THE RECONSTRUCTION OF DIETARY PATTERNS IN THE ANCIENT COLONY OF ABDERA (GREECE).**
Georgiadou, Angeliki - Zisis, Anastasios - Ganiatsou, Elissavet (Laboratory of Physical Anthropology, Department of History and Ethnology, Democritus University of Thrace) - Kallintzi, Constantina (Ephorate of Antiquities of Xanthi, Ministry of Culture and Sports) - Papageorgopoulou, Christina (Laboratory of Physical Anthropology, Department of History and Ethnology, Democritus University of Thrace)
- G. DIET RECONSTRUCTION IN ANCIENT AMBRACIA: STABLE ISOTOPE ANALYSIS ($\Delta^{15}\text{N}$, $\Delta^{13}\text{C}$) FROM HUMAN BONE COLLAGEN, DURING THE ARCHAIC AND CLASSICAL YEARS**
Georgiadou, Angeliki - Ganiatsou, Elissavet - Xanthopoulos, Kyriakos - Zisis, Anastasios (Laboratory of Physical Anthropology, Department of History and Ethnology, Democritus University of Thrace) - Papadopoulou, Varvara (Ephorate of Antiquities of Arta, Ministry of Culture and Sports) - Papageorgopoulou, Christina (Laboratory of Physical Anthropology, Department of History and Ethnology, Democritus University of Thrace)

225 ANARCHY AND ARCHAEOLOGY: TOWARDS NEW THEORETICAL AND PRACTICAL PERSPECTIVES

- Room:** Building R, room E021
Time: 14:00 - 18:30
Theme: 1. Archaeologists and Archaeology Here and Now
Format: Regular session
Organisers: Moshenska, Gabriel (UCL Institute of Archaeology) - Politopoulos, Aris - Arciero, Roberto (Leiden University) - Lerma Guijarro, Alma (Backset Archaeology) - Kiddey, Rachael (Oxford University)

PAPERS

- 14:00 MUTUAL AID IN ARCHAEOLOGY: THE BLACK TROWEL COLLECTIVE MICROGRANTS**
Politopoulos, Aris (Leiden University)
- 14:15 THE PRACTICAL ANARCHIST, WORKING FOR BETTER ARCHAEOLOGICAL FUTURES**
Morgan, Colleen (University of York) - Borck, Lewis (New Mexico Highlands University) - Herrmann, Corey (Yale University)

- 14:30 "CÍRCULA XONDA" OR THE MUTUAL AID AMONG PREDOCTORAL RESEARCHERS IN ARCHAEOLOGY**
Á. Granell, Carmen - Carbajo Usano, Matilde - Ramírez Corredor, Yvonne - Villena Rodríguez, Noelia - Moral de Eusebio, Enrique - Muri-ente Pastrana, Aurora (Universitat Pompeu Fabra)
- 14:45 DISCUSSION SLOT**
- 15:00 "UNPROOF IS THE GROUND OF ACTION" – AN ARCHAEOLOGY OF POSSIBILITIES**
Frieman, Catherine (Australian National University)
- 15:15 HERITAGE AS A COMMONS: THE OCCUPATION OF HISTORIC BUILDINGS IN GREECE AND THE CASE OF ROSA NERA AT CHANIA, CRETE**
Lekakis, Stelios (McCord Centre, Newcastle University)
- 15:30 MAPPING THE DIFFERENCE BETWEEN UNEQUAL AND AGAINST-THE-STATE SOCIETIES. AN APPROACH FROM NW IBERIA (4TH-1ST BC)**
Álvarez, Samuel (Incipit, CSIC; Universidade de Santiago de Compostela)
- 15:45 DISCUSSION SLOT**
- 16:30 INEQUALITIES, ENCLOSED SPACE, AND SOCIAL RESISTANCE: BUILDING FORTIFICATIONS AND NEW SOCIAL REALITIES IN SIBERIAN HUNTER-GATHERER PASTS**
Schreiber, Tanja (Institut fuer Ur- und Fruehgeschichte Kiel)
- 16:45 AN UNHEALTHY FASCINATION WITH INEQUALITY, OR ALTERNATIVE STORY LINES FOR EUROPEAN PREHISTORY**
Robb, John (University of Cambridge)
- 17:00 ANARCHY IN ARCHAEOLOGY: HISTORIOGRAPHY AND PERSPECTIVES**
Demoule, Jean Paul (University of Paris I - Panthéon-Sorbonne)
- 17:15 DISCUSSION SLOT**
- 17:30 A NORMIE HISTORY OF MAINSTREAM ANARCHIST ARCHAEOLOGIES**
Flexner, James (University of Sydney) - Frieman, Catherine (Australian National University) - Birmingham, James (Institute for Anarchist Studies/Black Trowel Collective)
- 17:45 ANARCHIST ARCHAEOLOGY: REVIEW FROM THE BEGINNING TO NOWADAYS**
Lerma Guijarro, Alma (Backset Archaeology)
- 18:00 DISCUSSION SLOT**

226 FOREIGN VS LOCAL IN MEDIEVAL AND MODERN AGE FOODWAYS IN THE BALTIC SEA REGION

Room: Main building, room 138

Time: 11:00 - 13:00

Theme: 5. Climate Change and Socioenvironmental Perspectives

Format: Regular session

Organisers: Rannamäe, Eve (Department of Archaeology, Institute of History and Archaeology, University of Tartu) - Bartosiewicz, Łászló (Osteoarchaeological Research Laboratory, Department of Archaeology and Classical Studies, Stockholm University)

PAPERS

11:00 INTRODUCTION

11:15 BY THE BOOK? MEDIEVAL AND EARLY MODERN AGE HIGH STATUS MEAT CONSUMPTION IN THEORY AND PRACTICE

Bartosiewicz, Laszlo (Department of Archaeology and Classical Studies, Stockholm University) - Gál, Erika (Institute of Archaeology, Research Centre for the Humanities, Eötvös Loránd Research Network, Budapest)

11:30 WHAT ABOUT EXOTIC SPECIES?

Schmölcke, Ulrich (Centre for Baltic and Scandinavian Archaeology - ZBSA)

11:45 TASTY AND EXPENSIVE: FOREIGN ANIMALS AND PLANTS ON THE KINGS' TABLE. DATA FROM THE 13TH-17TH C. VILNIUS LOWER CASTLE, LITHUANIA

Piliciauskiene, Giedre (Vilnius University, Faculty of History) - Blaževičius, Povilas (National Museum of Lithuania) - Minkevičius, Karolis (Vilnius University, Faculty of History)

12:00 STABLE ISOTOPE EVIDENCE FOR IMPORTED VS LOCAL FOOD CONSUMPTION IN HISTORIC PERIOD ESTONIA

Aguraiuja-Lätti, Ülle (Archaeological Research Collection, Tallinn University)

12:15 DIET AND SOCIAL STATUS IN MEDIEVAL AND EARLY MODERN TARTU (DORPAT), ESTONIA

Malve, Martin (University of Tartu) - Aguraiuja-Lätti, Ülle (Tallinn University)

12:30 DISCUSSION SLOT

231 BIOANTHROPOLOGY IN WESTERN ASIA: MOVING FORWARD (A SESSION IN HONOUR OF PROF HOLGER SCHUTKOWSKI)

Room: Building F, room 13

Time: 8:30 - 13:00

Theme: 1. Archaeologists and Archaeology Here and Now

Format: Regular session

Organisers: Kharobi, Arwa (University of Bordeaux; Bournemouth University) - Maaranen, Nina (Bournemouth University)

PAPERS

8:30 INTRODUCTION

8:45 DENTAL PATHOLOGIES AT THE DAWN OF NEOLITHIZATION IN THE NEAR-EAST: NEW METHODS APPLIED TO ANCIENT COLLECTIONS

Chamel, Berenice (Archéorient Laboratory, Lyon, CNRS)

9:00 SOCIAL VIOLENCE AT NEOLITHIC ÇATALHÖYÜK

Knusel, Christopher (Université de Bordeaux) - Milella, Marco (University of Bern)

9:15 DISCUSSION SLOT

9:30 CONTINUITY DURING TIMES OF CHANGE – EVIDENCE FROM MIDDLE BRONZE AGE SIDON (LEBANON)

Maaranen, Nina (Bournemouth University) - Stantis, Chris (Bournemouth University; National Museum of Natural History) - Kharobi, Arwa (University of Bordeaux; Bournemouth University) - Serhal, Claude (Sidon Excavation)

9:45 BETWEEN THE MOUNTAINS AND THE DESERT: ISOTOPIC EVIDENCE OF ALLUVIAL FAN SUBSISTENCE AT TEPE CHALOW IN NE IRAN

Soltysiak, Arkadiusz - Fetner, Rafał (Department of Bioarchaeology, Faculty of Archaeology University of Warsaw) - Vahdati, Ali A. (Northern Khorasan branch of Iranian Cultural Heritage, Handicrafts, and Tourism Organization, Bojnord) - Biscione, Raffaele (Institute for Technologies Applied to Cultural Heritage, Consiglio Nazionale delle Ricerche, Rome)

10:00 NEW GENOMIC EVIDENCE OF A BRONZE AGE LEVANTINE-EGYPTIAN NEXUS

Saupe, Tina (Estonian Biocentre, Institute of Genomics, University of Tartu) - Stantis, Chris (Faculty of Science and Technology, Department of Archaeology and Anthropology, Bournemouth University)

Department of Anthropology, National Museum of Natural History, Washington) - Pagani, Luca (Estonian Biocentre, Institute of Genomics, University of Tartu; Department of Biology, University of Padua) - Guellil, Meriam (Estonian Biocentre, Institute of Genomics, University of Tartu) - Scheib, Christiana (Estonian Biocentre, Institute of Genomics, University of Tartu; St John's College, Cambridge)

10:15 DISCUSSION SLOT

11:00 IDENTITY AND DISABILITY IN EGYPTIAN BIOARCHAEOLOGY

Zakrzewski, Sonia (University of Southampton)

11:15 REPURPOSING OPEN ACCESS ISOTOPIC DATA IN ANCIENT EGYPT AND WESTERN ASIA

Stantis, Christina (Bournemouth University; Department of Anthropology, National Museum of Natural History) - Huffer, Damien (Department of History, Carleton University; School of Social Sciences, University of Queensland) - Cheung, Christina (Research Unit: Analytical, Environmental & Geo-Chemistry, Department of Chemistry, Vrije Universiteit Brussel; Maritime Cultures Research Institute, Department of Art Sciences & Archaeology, Vrije Universiteit Brussel) - Salesse, Kévin (Department of Anthropology, Faculty of Science, Masaryk University)

11:30 WHAT TO DO WITH ALL THIS DATA: NEW INITIATIVES FOR LARGE-SCALE BIOARCHAEOLOGICAL RESEARCH IN THE MEDITERRANEAN AND MIDDLE-EAST

Mardini, Mahmoud (The Cyprus Institute)

11:45 DISCUSSION SLOT

12:00 FOLLOWING THE TRACES OF PARTHIANS AT THE VASTMIN ARCHAEOLOGICAL SITE IN IRAN

Amjadi, Motahareh (Eötvös Loránd University, ELTE, Doctoral School of Biology, Department of Genetics) - Ramezani, Maryam (University of Tehran, Department of Archeology) - Szécsényi-Nagy, Anna - G. Mende, Balázs (Institute of Archaeogenomics, Research Centre for the Humanities, Eötvös Loránd Research Centre) - Egyed, Balázs (Department of Genetics, ELTE Eötvös Loránd University) - Tavallaie, Mahmood (Noor Human Genetic Research Center, Tehran) - Sharifi, Abdol Motalleb (Center of Research, Office of Cultural Heritage, Handicrafts and Tourism Organization of Mazandaran, Sari) - Forouzanfar, Farzad (Iranian Cultural Heritage, Handicraft and Tourism Organization, Tehran)

12:15 INTEGRATION, COMMUNITIES AND EXCLUSION IN BYZANTINE TIMES THROUGH BURIALS FROM HIERAPOLIS OF PHRYGIA (TURKEY)

Laforest, Caroline (Royal Belgian Institute of National Sciences) - Selsvold, Irene (University of Gothenburg; University of Leicester)

12:30 UNTANGLING WESTERN ASIAN BIOARCHAEOLOGY: DATA MANAGEMENT AND RESEARCH OF COMMINGLED SAMPLES

Perry, Megan (East Carolina University)

12:45 DISCUSSION SLOT

232 DRESSING EUROPE: MAPPING AND DISSEMINATING EUROPEAN TEXTILE HERITAGE THROUGH DIGITAL RESOURCES

Room: Building R, room E356

Time: 8:30 - 13:00

Theme: 1. Archaeologists and Archaeology Here and Now

Format: Regular session

Organisers: Costeira, Catarina (UNIARQ - Centre for Archaeology of the University of Lisbon; School of Arts and Humanities of the University of Lisbon) - Iancu, Alina (National Institute of Heritage of Romania) - Gomes, Francisco (UNIARQ - Centre for Archaeology of the University of Lisbon; School of Arts and Humanities of the University of Lisbon)

PAPERS

8:30 INTRODUCTION

8:45 LEARNING ABOUT TEXTILES. THE IMPORTANCE OF THE EUROWEB DIGITAL ATLAS OF EUROPEAN TEXTILE HERITAGE

Iancu, Alina (National Institute of Heritage of Romania) - Costeira, Catarina (UNIARQ - Centro de Arqueologia da Universidade de Lisboa; Faculdade de Letras de Lisboa. Universidade de Lisboa)

9:00 INFORMATION AND POSSIBILITIES LOST BETWEEN THE DBMS AND THE PRESENTATION LAYER. DO WE KNOW WHAT WE ASK THE DATABASE FOR?

Pallin, Karolina (TexArk - The society for textile archaeology and culture studies; Textile studies, Uppsala University)

9:15 DISCUSSION SLOT

9:30 MAPPING AND DISSEMINATING THE USE AND RE-USE OF TECHNICAL TEXTILES IN SEALING PRACTICES IN BRONZE AGE GREECE

Ulanowska, Agata (Faculty of Archaeology, University of Warsaw)

- 9:45** **DRESSING DIGITALLY THE IBERIAN PENINSULA: CURRENT STAGE, CASE STUDIES AND NEW POSSIBILITIES**
Morgado-Roncal, Leyre (University of Granada)
- 10:00** **THE CHALLENGES OF MAPPING ARCHAEOLOGICAL TEXTILE TOOLS: THE CASE OF THE PRE- AND PROHISTORIC TEXTILE TOOLS FROM SOUTHERN PORTUGAL**
Costeira, Catarina (UNIARQ - Center for Archaeology in the University of Lisbon) - Gomes, Francisco (UNIARQ - Centre for Archaeology of the University of Lisbon; School of Arts and Humanities of the University of Lisbon)
- 10:15** **DISCUSSION SLOT**
- 11:00** **THE VALORIZATION OF A ROMANIAN HERITAGE DATABASE CONTAINING TEXTILE RESOURCES THROUGH THE EUROWEB DIGITAL ATLAS**
Iancu, Alina - Stan, Ania (National Institute of Heritage of Romania)
- 11:15** **FINDING TEXTILE RESOURCES IN THE CHRONICLE OF ARCHAEOLOGICAL RESEARCH IN ROMANIA**
Dinu, Georgiana (National Institute of Heritage of Romania) - Iorgandă, Tatiana (Faculty of History, University of Bucharest)
- 11:30** **TEXTILE LANDSCAPES – CASE STUDY IRON AGE AND EARLY MEDIEVAL IN CENTRAL EUROPE**
Groemer, Karina (Natural History Museum Vienna)
- 11:45** **MAPPING THE INTERNATIONAL TRADE OF MEDIEVAL AND EARLY MODERN EUROPEAN TEXTILES**
Mordovin, Maxim (Eötvös Loránd University, Budapest)
- 12:00** **"WWW.ARCHEO-TKANINY.PL" DIGITAL CATALOG OF TEXTILE GRAVE EQUIPMENT, SUMMARY OF THE PROJECT (POLAND)**
Majorek, Magdalena (University of Lodz; Institute of Archaeology)
- 12:15** **DISCUSSION SLOT**

POSTERS

- A.** **CHALLENGES OF SCOPE AND COLLABORATION: BUILDING A COMPREHENSIVE TEXTILE TERMINOLOGY LIST FOR THE DIGITAL ATLAS**
Korten, Meghan (University of Iceland)

237 PROTECTING THE PAST IS THE KEY TO THE FUTURE: RIGHTS OF ARCHAEOLOGICAL HERITAGE STAKEHOLDERS AND SOCIAL JUSTICE

- Room:** Main building, room 26
Time: 14:00 - 18:00
Theme: 1. Archaeologists and Archaeology Here and Now
Format: Regular session
Organisers: Kairiss, Andris (Riga Technical University) - Mödlinger, Marianne (University of Genoa) - Olevska, Irina (Maastricht University)

PAPERS

- 14:00** **INTRODUCTION**
- 14:15** **OFFENCE AGAINST ARCHAEOLOGICAL HERITAGE – IS EACH OF US A VICTIM?**
Kairiss, Andris (Riga Technical University) - Olevska, Irina (Maastricht University)
- 14:30** **STEALING HISTORY: ILLICIT TRADE OF ARCHEOLOGICAL ARTEFACTS IN LATVIA**
Kalinins, Marcis (National Heritage Board of Latvia; Faculty of History and Philosophy of University of Latvia)
- 14:45** **PROTECTING A BROKEN WINDOW: VANDALISM AND SECURITY AT RURAL ROCK ART SITES**
Berzina, Diana (Maastricht University)
- 15:00** **DISCUSSION SLOT**
- 15:15** **KNOWLEDGE GRAPH POTENTIAL IN MONITORING THE TRANSNATIONAL TRADE IN ARCHAEOLOGICAL OBJECTS**
Giovanelli, Riccardo (Ca' Foscari University of Venice; Center for Cultural Heritage Technology - CCHT, Istituto Italiano di Tecnologia - IIT, Venezia) - Traviglia, Arianna (Center for Cultural Heritage Technology - CCHT, Istituto Italiano di Tecnologia - IIT, Venezia)
- 15:30** **FROM THE SPACE DOWN TO EARTH: METHODOLOGIES TO DETECT AND PREVENT ARCHAEOLOGICAL LOOTING**
De Bernardin, Michela (Center for Cultural Heritage Technology - CCHT, Istituto Italiano di Tecnologia - IIT, Venezia) - Traviglia, Arianna (Center for Cultural Heritage Technology - CCHT, Istituto Italiano di Tecnologia - IIT, Venezia) - Giovanelli, Riccardo (Ca' Foscari University of Venice; Center for Cultural Heritage Technology - CCHT, Istituto Italiano di Tecnologia - IIT, Venezia)

- 15:45** **DISCUSSION SLOT**
- 16:30** **MORAL PANIC AND MEDIA RESPONSIBILITY IN THE DISCOURSE OF ILLICIT ANTIQUITIES AND ARCHAEOLOGICAL LOOTING**
Loges, Luise (University of Glasgow)
- 16:45** **IN THE SHADOW OF FRANCISCAN MONASTERY. RESCUE EXCAVATION OF CHURCHYARD AT RADZIEJÓW IN KUIAVIA (POLAND)**
Mosiejczyk, Jakub (Archeo-Adventure) - Angeli, Effimia (Department of History & Ethnology, Democritus University of Thrace) - Majorek, Magdalena (Institute of Archaeology, University of Lodz)
- 17:00** **DISCUSSION SLOT**

POSTERS

- A.** **THE ARCHAEOLOGICAL RESEARCH ON THE CONSERVATION PROJECT OF A GOTHIC CHURCH AT BLANKI IN WARMIA (POLAND)**
Mosiejczyk, Jakub (Archeo-Adventure) - Angeli, Effimia (Department of History & Ethnology, Democritus University of Thrace)

243 **COMING BACK TO LIFE: REUSE OF MEDIEVAL BUILDINGS****Room:** Building F, room 13**Time:** 14:00 - 18:00**Theme:** 2. [Re]integration**Format:** Regular session**Organisers:** Berryman, Duncan (Centre for Community Archaeology, Queen's University Belfast) - Bouwmeester, Jeroen (Cultural Heritage Agency, Netherlands) - Patrick-Dawson, Laura (School of Natural and Built Environment, Queen's University Belfast) - Huggon, Martin (Bishop Grosseteste University) - Kerr, Sarah (School of Culture and Society, Aarhus University)

PAPERS

- 14:00** **PROFANE INTERLUDES – EARLY AND LATE MODERN REUSE OF MEDIEVAL CHURCHES IN WESTERN SWEDEN**
Gullbrandsson, Robin (Västergötland's Museum, Skara; Department of Conservation, University of Gothenburg)
- 14:15** **AWAY FROM GOD, BACK TO LIFE: A NEW CHANCE FOR MEDIEVAL CHURCHES**
Cechura, Martin (Museum of West Bohemia, Pilsen)

- 14:30** **MEDIEVAL IRISH ROUND TOWERS: EXPLORING LIFESPAN, MAINTENANCE AND ADAPTATION THROUGH RADIOCARBON DATING OF LIME MORTARS**
Barrett, Gerard - Allen, Kerry - Reimer, Paula (Queen's University Belfast)
- 14:45** **DISCUSSION SLOT**
- 15:00** **REUSE AS RESILIENCE: THE CASE OF THE FOUR MANOR HOUSES**
Kerr, Sarah (Aarhus University)
- 15:15** **THE MEDIEVAL AFTERLIFE OF A LONDON OPEN-HALL HOUSE**
French, Katherine (University of Michigan-Dept. of History)
- 15:30** **TO REBUILD OR TO REPAIR: EXTENDING THE LIFE OF AGRICULTURAL BUILDINGS IN MEDIEVAL ENGLAND**
Berryman, Duncan (Centre for Community Archaeology, Queen's University Belfast)
- 15:45** **DISCUSSION SLOT**
- 16:30** **ADAPT, CONVERT, REUSE, RECYCLE – CASE STUDY MEDIEVAL MARIBOR**
Jancar, Mojca (Terarhis)
- 16:45** **THE OLD COURT PALACE: FROM A MEDIEVAL STRONGHOLD TO A MODERN OPEN-AIR MUSEUM IN THE BUCHAREST CENTRE**
Ignat, Theodor Aurelian - Cleșiu, Sorin - Opreș, Vasile (Bucharest Municipality Museum) - Simion, Corina (Horia Hulubei National Institute for R&D in Physics and Nuclear Engineering) - Pîrvulescu, Dan - Majuru, Adrian (Bucharest Municipality Museum)
- 17:00** **DISCUSSION SLOT**

248 **NEW APPROACHES TO LITHIC RAW MATERIAL STUDIES: INFERRING PAST HUMAN MOBILITY****Room:** Main building, room 11**Time:** 8:30 - 13:00**Theme:** 6. A Decade after the 'Third Science Revolution in Archaeology'**Format:** Regular session**Organisers:** Sanchez de la Torre, Marta (SERP-IAUB, Universitat de Barcelona) - Eramo, Giacomo (Earth and Geoenvironmental Sciences Department, University of Bari Aldo Moro) - Fioretti, Giovanna (Earth and Geoenvironmental Sciences Department, University of Bari Aldo Moro) - Abrunhosa, Ana (ICArEHB, University of Algarve) - Pereira, Telmo (Universidade Autónoma de Lisboa)

8:30 INTRODUCTION**8:45 FLINT PROCUREMENT IN THE WESTERN COAST OF IBERIA: INFERRING NEANDERTHAL MOBILITY AT GRUTA NOVA DA COLUMBEIRA**

Pereira, Telmo (Universidade Autónoma de Lisboa; Instituto Politécnico de Tomar; Centro de Geociências da Universidade de Coimbra; UNIARQ, Centro de Arqueologia da Universidade de Lisboa) - Abrunhosa, Ana (CENIEH -Centro Nacional de Investigación sobre la Evolución Humana; ICArEHB - FCHS, University of Algarve) - Carvalho, Milena (Department of Anthropology, University of New Mexico; ICArEHB - FCHS, University of Algarve) - Haws, Jonathan (Department of Anthropology, University of Louisville; ICArEHB - FCHS, University of Algarve) - Benedetti, Michael (Department of Earth and Ocean Sciences, University of North Carolina Wilmington; ICArEHB - FCHS, University of Algarve)

9:00 QUARTZITE CHARACTERIZATION AND PROVENANCE ANALYSIS PROTOCOL: A CASE STUDY OF LITHIC RAW MATERIALS AVAILABLE IN THE CÔA VALLEY (NORTHEAST PORTUGAL)

Abrunhosa, Ana (CENIEH - Centro Nacional de Investigación sobre la Evolución Humana; ICArEHB - Interdisciplinary Center for Archaeology and Evolution of Human Behaviour. FCHS - Universidade do Algarve. Campus de Gambelas) - Dimuccio, Luca (University of Coimbra, Centre of Studies in Geography and Spatial Planning - CEGOT, Department of Geography and Tourism; UNIARQ - Centro de Arqueologia Universidade de Lisboa, Faculdade de Letras, Alameda da Universidade) - Aubry, Thierry (Côa Parque, Fundação para a Salvaguarda e Valorização do Vale do Côa; UNIARQ - Centro de Arqueologia Universidade de Lisboa, Faculdade de Letras, Alameda da Universidade) - Ribeiro, Maria (Department of Geosciences, Environment and Spatial Planning, Faculty of Sciences, University of Porto; ICT - Institute of Earth Sciences -Porto pole)

9:15 THE USE OF SCHIST OUTCROPS FOR SYMBOLIC PURPOSES: THE EXAMPLE OF OCREZA

Danelatos, Dionysios - Garcês, Sara (Instituto Politécnico de Tomar; Centro de Geociências da Universidade de Coimbra; Instituto Terra e Memória) - Pereira, Telmo (Universidade Autónoma de Lisboa; Instituto Politécnico de Tomar; Centro de Geociências da Universidade de Coimbra; UNIARQ, Centro de Arqueologia da Universidade de Lisboa)

9:30 A COMBINED PETROARCHAEOLOGICAL AND TECHNOLOGICAL APPROACH TO A NEANDERTHAL FLINT ASSEMBLAGE FROM STRATIGRAPHIC UNIT VIII OF EL SALT (EASTERN IBERIA)

Mayor, Alejandro (Àrea de Prehistòria; Departament de Prehistòria, Arqueologia, Història Antiga, Filologia Llatina i Filologia Grega; Facultat de Filosofia i Lletres, Universitat d'Alacant) - Sossa-Ríos, Santiago (Àrea de Prehistòria; Departament de Prehistòria, Arqueologia i Història Antiga; Facultat de Geografia i Història, Universitat de València) - Galván, Bertila (Àrea de Prehistoria; Departamento de Geografía e Historia; Facultat de Humanidades, Universidad de La Laguna) - Mallol, Carolina (Àrea de Prehistoria; Departamento de Geografía e Historia; Facultat de Humanidades, Universidad de La Laguna; Archaeological Micromorphology and Biomarkers Laboratory; Instituto Universitario de Bio-Orgánica Antonio González, Universidad de La Laguna) - Hernández, Cristo (Àrea de Prehistoria; Departamento de Geografía e Historia; Facultat de Humanidades, Universidad de La Laguna; Archaeological Micromorphology and Biomarkers Laboratory; Instituto Universitario de Bio-Orgánica Antonio González, Universidad de La Laguna)

9:45 NEW DATA ON CHERT CATCHMENT ANALYSIS IN INLAND IBERIA DURING THE LATE PLEISTOCENE: RESULTS ON GEO-ARCHAEOLOGICAL SURVEYS AND PETROGRAPHIC CHARACTERISATIONS

Sanchez de la Torre, Marta - Mangado Llach, Xavier (SERP-IAUB. Universitat de Barcelona) - Castillo Jiménez, Samuel - Alcolea González, José Javier - Alcaraz Castaño, Manuel (Àrea de Prehistoria. Universidad de Alcalá)

10:00 DISCUSSION SLOT**11:00 PATTERNS ON LITHIC PROCUREMENT STRATEGIES IN THE PRE-PYRENEAN MAGDALENIAN SEQUENCE OF COVA DEL PARCO (ALÒS DE BALAGUER, SPAIN)**

Jiménez Ruiz, Luis (Primeros Pobladores y Patrimonio Arqueológico-IPH. Universidad de Zaragoza) - Sánchez de la Torre, Marta (SERP-IAUB. Universitat de Barcelona) - Langlais, Mathieu (UMR 5199 PACEA CNRS Université de Bordeaux; SERP-IAUB. Universitat de Barcelona) - Fullola, Josep - Mangado, Xavier (SERP-IAUB. Universitat de Barcelona)

11:15 CIRCULATION OF STONE ARTIFACTS IN THE SOUTH OF THE IBERIAN PENINSULA DURING THE CHALCOLITHIC PERIOD (IV-III MILLENNIA BC)

Lagarde, Bruno (Institute of Archaeology - University College London)

- 11:30 THE UNIQUE LAUREL-LEAF POINTS OF VOLGU DOCUMENT LONG-DISTANCE TRANSPORT OF RAW MATERIALS IN THE SOLUTREAN**
Koch, Tabea (Department of Early Prehistory and Quaternary Ecology, Eberhard Karls University of Tübingen; Université Côte d'Azur, CNRS, CEPAM, Nice; University of York, Department of Archaeology) - Schmidt, Patrick (Department of Early Prehistory and Quaternary Ecology, Eberhard Karls University of Tübingen; Applied Mineralogy, Department of Geosciences, Eberhard Karls University of Tübingen)
- 11:45 INTEGRATING TRACEOLOGY IN THE RECONSTRUCTION OF LITHIC RAW MATERIALS MANAGEMENT STRATEGIES: CASE STUDIES FROM THE NORTH-EASTERN ITALIAN PALAEO-MESOLITHIC**
Visentin, Davide (Institución Milá y Fontanals, IMF-CSIC, Barcelona; Dipartimento di Studi Umanistici, Università degli Studi di Ferrara) - Bertola, Stefano - Cecchetti, Marzio (Dipartimento di Studi Umanistici, Università degli Studi di Ferrara) - Clemente Conte, Ignacio (Institución Milá y Fontanals, IMF-CSIC, Barcelona) - Fontana, Federica (Dipartimento di Studi Umanistici, Università degli Studi di Ferrara)
- 12:00 LOCAL AND ALLOCHTHONOUS CHERT SUPPLIES IN EARLY AND MIDDLE NEOLITHIC TRASANELLO VILLAGE (BASILICATA, SOUTHERN ITALY)**
Muntoni, Italo (Soprintendenza ABAP BAT-FG, Ministry of Culture) - Eramo, Giacomo - Allegretta, Ignazio - Delluniversità, Emanuela (Dipartimento di Scienze della Terra e Geoambientali, Università degli Studi di Bari "Aldo Moro") - Conforti, Jacopo (Università di Pisa) - Terzano, Roberto (Dipartimento di Scienze del Suolo, della Pianta e degli Alimenti, Università degli Studi di Bari "Aldo Moro")
- 12:15 MICROPETROGRAPHY AND GEOCHEMISTRY OF PREHISTORIC RAW MATERIALS IN BULGARIA: CHALLENGE AND QUERY**
Gurova, Maria (National Institute of Archaeology with Museum, Bulgarian Academy of Sciences) - Stefanova, Elitsa - Andreeva, Polina (Geological Institute, Bulgarian Academy of Sciences) - Kecheva, Nadezhda (National Institute of Archaeology with Museum, Bulgarian Academy of Sciences)
- 12:30 DISCUSSION SLOT**

POSTERS

- A. THE LITHOTHEQUE ROLE IN THE LITHIC RAW MATERIALS STUDIES. THE CASE OF THE ITALIAN SILIBA**
Fioretti, Giovanna (Earth and Geoenvironmental Sciences Department, University of Bari) - Muntoni, Italo Maria (Soprintendenza Archeologia, Belle Arti e Paesaggio per le Province di Barletta - Andria - Trani e Foggia, Ministero della Cultura) - Monno, Alessandro - Eramo,

Giacomo (Earth and Geoenvironmental Sciences Department, University of Bari)

- B. FROM LITHIC ASSEMBLAGES TO RAW MATERIAL SOURCES A NEW PROJECT OF CHARACTERIZATION OF CHERT SOURCES IN SABINA (CENTRAL ITALY)**
Conati Barbaro, Cecilia - Carletti, Elena (Department of Classics - Sapienza University) - Forti, Luca (Department of Earth Sciences "Ardito Desio" - University of Milan) - Ranieri, Cristiano (Archaeological Museum of Salisano) - Moscone, Daniele (Anamed Fellowship - Koç University Istanbul) - Eramo, Giacomo (Department of Earth and Geo-environmental Sciences, University of Bari Aldo Moro)
- C. LITHOLOGICAL SELECTION IN POLYGENIC GRAVELS OF NOTARCHIRICO (EARLY ACHEULEAN, SOUTHERN ITALY)**
Eramo, Giacomo (Dipartimento di Scienze della Terra e Geoambientali, Università degli Studi di Bari "Aldo Moro") - Allegretta, Ignazio (Dipartimento di Scienze del Suolo, della Pianta e degli Alimenti, Università degli Studi di Bari "Aldo Moro") - Fioretti, Giovanna (Dipartimento di Scienze della Terra e Geoambientali, Università degli Studi di Bari "Aldo Moro") - Terzano, Roberto (Dipartimento di Scienze del Suolo, della Pianta e degli Alimenti, Università degli Studi di Bari "Aldo Moro") - Moncel, Marie-Hélène (UMR 7194 HNHP - MNHN-CNRS-UPVD, Département Homme et Environnement, Muséum National d'Histoire Naturelle, Paris)
- D. THE CONTRIBUTION OF ARCHAEOMETRY TO RECONSTRUCT HUMAN MOBILITY DURING THE PALAEO-LITHIC OF PORTOSELVAGGIO (NARDÒ-LE)**
Eramo, Giacomo (Dipartimento di Scienze della Terra e Geoambientali, Università degli Studi di Bari "Aldo Moro") - Massafra, Dario (Museo della Preistoria di Nardò) - Stasolla, Vincenzo (ETHRA srl. I beni culturali al servizio del turismo e dell'ambiente; Dipartimento di Scienze della Terra e Geoambientali, Università degli Studi di Bari "Aldo Moro") - Monno, Alessandro - Tempesta, Giocchino - Allegretta, Ignazio - Fioretti, Giovanna (Dipartimento di Scienze della Terra e Geoambientali, Università degli Studi di Bari "Aldo Moro") - Kitagawa, Keiko (Museo della Preistoria di Nardò; Institute of Prehistory, Early History and Medieval Archaeology, University of Tübingen) - Strafella, Silvia (Museo della Preistoria di Nardò) - Ranaldo, Filomena (Museo della Preistoria di Nardò; Dipartimento di Scienze Fisiche, della Terra e dell'Ambiente, Università di Siena)

- E. MULTI PROVENANCE FROM OBSIDIAN SOURCES IN MEDITERRANEAN AREA: HIGHLIGHTS FROM WD-XRF AND SEM-EDS CHARACTERIZATION OF NEOLITHIC ARTEFACTS FROM SOUTHERN ITALY**
Muntoni, Italo (Soprintendenza ABAP BAT-FG, Ministry of Culture)
- Micheletti, Francesca - Pallara, Mauro (Dipartimento di Scienze della Terra e Geoambientali - Università degli Studi di Bari 'Aldo Moro') - Acquafredda, Pasquale (Dipartimento di Scienze della Terra e Geoambientali - Università degli Studi di Bari 'Aldo Moro'; Centro Interdipartimentale "Laboratorio di Ricerca per la Diagnostica dei Beni Culturali")
- F. WD-XRF/SEM-EDS AND LITHIC TECHNOLOGICAL ANALYSES TO ADDRESS THE STUDY OF OBSIDIAN PREHISTORIC NETWORKS IN THE NORTHERN IRAQ**
Moscone, Daniele (Research Center for Anatolian Civilizations, Koç University) - Pallara, Mauro (Department of Earth and Geo-environmental Sciences, Bari University) - Oselini, Valentina (Department of Civil, Environmental and Materials Engineering, Bologna University) - Vacca, Agnese - Peyronel, Luca (Department of Literary Studies, Philology and Linguistics, Milan University) - Acquafredda, Pasquale (Department of Earth and Geo-environmental Sciences, Bari University)
- G. RECONSTRUCTING HUMAN MOBILITY AND SOCIAL INTERACTIONS. NEW OBSIDIAN CHARACTERISATION DATA USING SEM-EDS AND WD-XRF ANALYSES FROM NORTHERN KURDISTAN REGION (IRAQ)**
Conati Barbaro, Cecilia (Department of Classics - Sapienza University) - Sconzo, Paola (IANES Department - Eberhard Karls Universität Tübingen) - Moscone, Daniele (Anamed Fellowship - Koç University) - Pallara, Mauro (Dept of Earth and Geoenvironmental Sciences - University of Bari Aldo Moro of Bari Aldo Moro) - Iamoni, Marco - Simi, Francesca (Department of History and Preservation of the Cultural Heritage - University of Udine) - Coppini, Costanza (Freie Universität Berlin) - Morandi Bonacossi, Daniele (Department of History and Preservation of the Cultural Heritage - University of Udine) - Acquafredda, Pasquale (Dept of Earth and Geoenvironmental Sciences - University of Bari Aldo Moro)

256 CURATION OR REBURIAL — CURRENT PRACTICES AND DECISION MAKING ON STORING HUMAN SKELETONS IN ARCHAEOLOGICAL AND HISTORICAL COLLECTIONS

Room: Building R, room E030

Time: 14:00 - 18:00

Theme: 1. Archaeologists and Archaeology Here and Now

Format: Discussion session

Organisers: Maijanen, Heli (University of Oulu) - Campanacho, Vanessa (American Museum of Natural History; Centre for Functional Ecology, University of Coimbra; Laboratory of Biological Anthropology and Human Osteology, CRIA, New University of Lisbon) - Savolainen, Jenna (University of Oulu) - Seppänen, Liisa (University of Turku)



PAPERS

14:00 INTRODUCTION

14:15 GREY AREA: ABORIGINAL AND TORRES STRAIT ISLANDER LIFE CASTS AND CASTS OF HUMAN REMAINS IN EUROPEAN COLLECTIONS

Howes, Hilary (The Australian National University)

14:30 JUST LIKE BIOBANKS? A NEW APPROACH TO HUMAN OSTEOLOGICAL COLLECTIONS

Alves-Cardoso, Francisca (LABOH/CRIA – Centro em Rede de Investigação em Antropologia, Faculdade de Ciências Sociais e Humanas, Universidade Nova de Lisboa; Cranfield University, Defence Academy of the United Kingdom) - Riso, Brígida (Instituto de Saúde Ambiental, Faculdade de Medicina, Universidade de Lisboa; Instituto Universitário de Lisboa - ISCTE-IUL, Centro de Investigação e Estudos em Sociologia, Lisboa)

14:45 ENTANGLED VIEWS: THE HISTORY, RESEARCH, AND EDUCATIONAL APPLICATIONS OF ANATOMICAL COLLECTIONS IN THE US IN THE WAKE OF ETHICAL CONCERNS

Campanacho, Vanessa (Department of Anthropology, New York University) - Alves Cardoso, Francisca (LABOH—Laboratory of Biological Anthropology and Human Osteology, CRIA—Centro em Rede de Investigação em Antropologia, Faculdade de Ciências Sociais e Humanas, Universidade NOVA de Lisboa) - de la Cova, Carlina (Department of Anthropology, University of South Carolina)

- 15:00** **EVOLUTION OF HUMAN REMAINS PRESERVATION IN PADUA (ITALY): FROM THE 18TH CENTURY COLLECTIONS TO THE MODERN MORGAGNI MUSEUM**
Magno, Giovanni (University Museums Centre CAM, University of Padua) - Zanatta, Alberto (Department of Cardiac, Thoracic, Vascular Sciences and Public Health - University of Padua)
- 15:15** **CONSIDERING REPATRIATION? EXPERIENCES FROM THE ANATOMICAL COLLECTIONS OF KAROLINSKA INSTITUTET STOCKHOLM, 2015 TO PRESENT**
Ljungström, Olof - Gustavsson, Ann (Karolinska institutet, Medical History and Heritage)
- 15:30** **DISCUSSION SLOT**
- 16:30** **THEORY AND PRACTICE OF CURATING ARCHAEOLOGICAL HUMAN REMAINS IN POLAND**
Jastrzebska, Emilia (University of Warsaw)
- 16:45** **CURATION OF HUMAN SKELETAL REMAINS IN FINLAND – TOWARDS MORE HOLISTIC DECISION-MAKING**
Savolainen, Jenna - Maijanen, Heli (University of Oulu) - Seppänen, Liisa (University of Turku)
- 17:00** **HISTORY AT OUR HANDS - ADBOU, A DANISH RESEARCH COLLECTION**
Weise, Svenja (University of Southern Denmark)
- 17:15** **DISCUSSION SLOT**

263 CRAFT SPECIALIZATION IN WORKED HARD OSSEOUS MATERIALS: CONVERSATIONS ON A COMPLEX CONCEPTUAL CATEGORY IN ARCHAEOLOGY

Room: Building C, room 328

Time: 8:30 - 16:00

Theme: 2. [Re]integration

Format: Discussion session

Organisers: Lucíañez Triviño, Miriam (University of the Basque Country - UPV/EHU) - Provenzano, Noëlle (CNRS, Université Paul Valéry-Montpellier III) - Choyke, Alice (Central European University)

PAPERS

- 8:30** **INTRODUCTION**
- 8:50** **MOTIVATIONS FOR TECHNOLOGICAL INVESTMENT, OR BEING EVASIVE ABOUT CRAFT SPECIALISATION**
Christidou, Rozalia (UMR 5133, CNRS/Univ. Lyon 2)

- 9:10** **SPECIALISATION IN THE BRONZE AGE? REFLECTIONS ON THE OSSEOUS PRODUCTIONS OF THE NORTH ITALIAN TERRAMARES.**
Provenzano, Noëlle (CNRS)

9:30 **DISCUSSION SLOT**

- 9:50** **CHALCOLITHIC IVORY CRAFTSMANSHIP IN THE IBERIAN PENINSULA. SPECIALISED CRAFTS(WO)MEN AND SPECIAL(ISED) CONSUMERS?**
Lucíañez Triviño, Miriam (University of the Basque Country UPV-EHU; University of Seville)

- 10:10** **DECORATE, FIT AND COMBINE. INLAYS AND FACING IN THE HARD ANIMAL MATERIAL INDUSTRY OF THE IRON AGE. SPECIALIZED CRAFT TECHNIQUES**
Blasco Martín, Marta (ICAC. Juan de la Cierva-Formación) - Soria Combadiera, Lucía (Univ. de Castilla-La Mancha. Dpto. de Historia, Área de Prehistoria. ARQPAT - Arqueología y Patrimonio) - Mata Parreño, Consuelo (Universitat de València. Dpto. de Prehistòria, Arqueologia i Història Antiga. GIUV2015-222 GRAM)

- 11:00** **COMPARING PRACTICES OF WORKED ANIMAL OBJECT PRODUCTION AT ANCIENT METHONE**
DiBattista, Adam (Institute for the Study of the Ancient World, NYU)

11:20 **DISCUSSION SLOT**

- 11:40** **EVIDENCES OF CRAFT SPECIALISATION DURING THE HUNGARIAN LATE NEOLITHIC: AN OVERVIEW**
Tóth, Zsuzsanna (Hungarian National Museum, Department of Archaeology)

- 12:00** **A ROMAN BONE-PROCESSING HOUSE IN AQUAE GRANNI (AACHEN, GERMANY)**
Nolde, Nadine (Institute for Prehistory, University of Cologne) - Schaub, Andreas (Stadtarchäologie Aachen) - Deschler-Erb, Sabine (IPNA, University Basel) - Deschler-Erb, Eckhard (Archaeological Institute, University of Cologne)

- 12:20** **CRAFT SPECIALIZATION IN WORKED ANTLER AND BONE IN URBAN RIBE AS SEEN IN WORKSHOPS FROM DIFFERENT AREAS BETWEEN 700-1300 AD**
Qvistgaard, Sarah (Sydvestjyske Museer) - Sindbæk, Søren (AU)

12:40 **DISCUSSION SLOT**

- 14:00** **GATHERED, EXCHANGED AND VALUED? IDENTIFYING SEMI-SPECIALIZED ANTLER WORKING IN MIDDLE BRONZE AGE HUNGARY**
Choyke, Alice (Central European University)

14:20 CRAFTS ON THE EASTERN SHORE OF THE BALTIC IN THE LATE BRONZE AGE: SPECIALISED SITES, SPECIALISED CRAFTSMEN?

Luik, Heidi (Tallinn University)

14:40 CRAFT SPECIALISATION AND HOME-BASED PRODUCTION IN BONE AND ANTLER PROCESSING FROM THE EARLY MEDIEVAL CATHEDRAL ISLAND IN WROCLAW, POLAND

Baron, Justyna - Diakowski, Marcin - Jaworski, Krzysztof - Pankiewicz, Aleksandra (University of Wrocław)

15:00 CRAFT SPECIALIZATION IN MEDIEVAL BUDA

Font, Ágnes (Central European University)

15:20 DISCUSSION SLOT**267 TOWARDS THE SEA: HUMAN ECOLOGY, SUBSISTENCE AND ADAPTATIONS ALONG THE EUROPEAN COASTS FROM THE LOWER PALAEOLITHIC TO THE NEOLITHIC**

Palaeolithic and Mesolithic

Room: Building A, room 329**Time:** 8:30 - 15:30**Theme:** 5. Climate Change and Socioenvironmental Perspectives**Format:** Regular session

Organisers: García-Escárcaga, Asier (Department of Human Science, University of La Rioja. Logroño; Department of Archaeology, Max Planck Institute for the Human Science. Jena) - Simões, Carlos (ICArEHB - Interdisciplinary Center for Archaeology and the Evolution of Human Behaviour, University of Algarve) - Monteiro, Patricia (ICArEHB - Interdisciplinary Center for Archaeology and the Evolution of Human Behaviour, University of Algarve.; Direção-Geral do Património Cultural - DGPC - Laboratório de Arqueociências - LARC) - Dias, Rita (ICArEHB - Interdisciplinary Center for Archaeology and the Evolution of Human Behaviour, University of Algarve. Faro, Portugal.; ERA Arqueologia S.A.) - Sierra Sainz-Aja, Alejandro (AASPE Archéozoologie, Archéobotanique: Sociétés, Pratiques et Environnements, Muséum National d'Histoire Naturelle, Dept. Homme et Environnement, Paris)

PAPERS**8:30 FIREWOOD EXPLOITATION DURING THE EARLY HOLOCENE IN ABRIGO DO POÇO ROCKSHELTER (LEIRIA, CENTRAL PORTUGAL)**

Monteiro, Patricia (Laboratório de Arqueociências - LARC - Direção-Geral do Património Cultural; ICArEHB - Interdisciplinary Center for Archaeology and Evolution of Human Behaviour - Univer-

sidade do Algarve) - Nora, David (Institute of Archaeology - Hebrew University of Jerusalem; ICArEHB - Interdisciplinary Center for Archaeology and Evolution of Human Behaviour - Universidad do Algarve) - Paixão, Eduardo (TraCEr - Laboratory for Traceology and Controlled Experiments, MONREPOS - Archaeological Research Centre and Museum for Human Behavioural Evolution, RGZM; ICArEHB - Interdisciplinary Center for Archaeology and Evolution of Human Behaviour - Universidad do Algarve) - Évora, Marina (Centro de Estudos Globais - Departamento de Ciências Sociais e de Gestão - Universidade Aberta; ICArEHB - Interdisciplinary Center for Archaeology and Evolution of Human Behaviour - Universidad do Algarve) - Carvalho, Vânia (Museu de Leiria, Câmara Municipal de Leiria) - Holliday, Trenton (Tullane University, New Orleans, USA; Centre for the Exploration of the Deep Human Journey - University of Witwatersrand) - Pereira, Telmo (Departamento de Artes, História e Humanidades - Universidade Autónoma de Lisboa; Instituto Politécnico de Tomar, Portugal; Centro de Geociências da Universidade de Coimbra; UNIARQ - Centro de Arqueologia da Universidade de Lisboa)

8:45 SEASONALITY AND SUBSISTENCE OF THE LAST MESOLITHIC HUNTER-GATHERERS - THE ICHTHYOLOGICAL REMAINS OF THE CABEÇO DA AMOREIRA SHELLMIDDEN (MUGE, PORTUGAL)

Dias, Rita (Era - Arqueologia, Conservação e Restauro; ICArEHB - Interdisciplinary Center for Archeology and Evolution of Human Behavior) - Bicho, Nuno (ICArEHB - Interdisciplinary Center for Archeology and Evolution of Human Behavior) - Detry, Cleia (Uniarq/FLUL)

9:00 INFLUENCE OF EARLY HOLOCENE KARSTIC SPRING REACTIVATION ON HUNTER-GATHERERS' SETTLEMENT STRATEGIES AND SHELL MIDDEN FORMATION IN ASTURIAS, SPAIN

Simões, Carlos (ICArEHB, Universidade do Algarve) - Iriarte, Eneko (Universidad de Burgos) - Arias, Pablo (Universidad de Cantabria)

9:15 DISCUSSION SLOT**9:30 SEASONALITY OF SHELLFISH COLLECTION IN THE CANTABRIAN MESOLITHIC DEDUCED FROM STABLE OXYGEN ISOTOPE RATIOS**

Arniz Mateos, Rosa (Instituto Internacional de Investigaciones Prehistóricas de Cantabria, Universidad de Cantabria, Gobierno de Cantabria, Grupo Santander) - García Escárcaga, Asier (Universidad de la Rioja, Departamento de Ciencias Humanas, Logroño; Max Planck Institute for the Science of Human History, Department of Archaeology, Jena) - González Morales, Manuel R. (Instituto Internacional de Investigaciones Prehistóricas de Cantabria, Universidad de Cantabria, Gobierno de Cantabria, Grupo Santander) - Gutiérrez

Zugasti, Igor (Instituto Internacional de Investigaciones Prehistóricas de Cantabria, Universidad de Cantabria, Gobierno de Cantabria, Grupo Santander)

- 9:45 STRATEGIES FOR THE COLLECTION OF MARINE MOLLUSCS BETWEEN 12,000-5,000 CAL BC IN NERJA-MINA (MÁLAGA).**
Aguirre, Amaia - Colonese, Andre Carlo (University Autonomous of Barcelona) - Jordá, Jesus (National University of Distance Education) - Aura, Emili (University of Valencia) - Valledor de Lozoya, Arturo (Expert) - Saña, Maria (University Autonomous of Barcelona) - Álvarez-Fernández, Esteban (University of Salamanca)

- 10:00 STABLE OXYGEN ISOTOPE APPROACHES TO STUDYING SHELLFISH EXPLOITATION AND ECONOMIC CHANGE ACROSS THE MESOLITHIC-NEOLITHIC TRANSITION IN N IBERIA**
García-Escárczaga, Asier (Department of Human Sciences, University of La Rioja, Logroño; Department of Archaeology, Max Planck Institute for the Science of Human History, Jena) - Fano, Miguel (Department of Human Sciences, University of La Rioja, Logroño) - Ontañón-Peredo, Roberto (Instituto Internacional de Investigaciones Prehistóricas de Cantabria, Universidad de Cantabria, Gobierno de Cantabria, Grupo Santander; Museo de Prehistoria y Arqueología de Cantabria - MUPAC) - Gutiérrez-Zugasti, Igor - Gonzalez-Morales, Manuel (Instituto Internacional de Investigaciones Prehistóricas de Cantabria, Universidad de Cantabria, Gobierno de Cantabria, Grupo Santander) - Ilgner, Jana - Lucas, Mary (Department of Archaeology, Max Planck Institute for the Science of Human History, Jena) - Roberts, Patrick (Department of Archaeology, Max Planck Institute for the Science of Human History, Jena; School of Social Sciences, University of Queensland)

- 10:15 DISCUSSION SLOT**
- 11:00 BETWEEN COAST AND INLAND: POTTERY USE IN THE ERTEBOELLE-CULTURE AND ITS IMPACT ON SETTLEMENT PATTERNS, RESOURCE EXPLOITATION AND SOCIAL COMPLEXITY**
Meyer, Ann-Katrin (University of Hamburg)

- 11:15 ARCHAEOZOOLOGICAL APPROACHES TO MAMMAL HUNTING AND ECONOMIC CHANGE ACROSS THE MESOLITHIC-NEOLITHIC TRANSITION ON THE CANTABRIAN COAST (N IBERIA)**
Sierra, Alejandro (AASPE «Archéozoologie, Archéobotanique: Sociétés, Pratiques, Environnements» UMR 7209 CNRS MNHN) - Fano, Miguel Ángel (Department of Human Sciences, University of La Rioja, Logroño)

- 11:30 THE MESOLITHIC-NEOLITHIC TRANSITION IN THE MUGE SHELLMIDDENS (CENTRAL PORTUGAL): PRELIMINARY RESULTS**
Gonçalves, Célia - Cascalheira, João - Barbieri, Alvise (ICArEHB, Universidade do Algarve) - García Rivero, Daniel (Universidad de Sevilla) - Umbelino, Cláudia (CIAS, Universidade de Coimbra; ICArEHB, Universidade do Algarve) - Godinho, Ricardo - Bicho, Nuno (ICArEHB, Universidade do Algarve)
- 11:45 DISCUSSION SLOT**
- 12:00 POPULATING THE COAST. THE RESILIENCE OF THE FIRST NEOLITHIC GROUPS IN THE IBERIAN PENINSULA**
Cortell-Nicolau, Alfredo (University of Cambridge)
- 12:15 MARINE AND TERRESTRIAL INVERTEBRATES AT ZACATÍN ROCKSHELTER (GRANADA, SOUTHEASTERN SPAIN): FIRST RESULTS**
Aguirre, Amaia (University Autonomous of Barcelona) - Álvarez-Fernández, Esteban (University of Salamanca) - Aparicio-Alonso, María Teresa (National Museum of Natural Sciences of Madrid) - Gutiérrez-Frías, Ismael (University of Granada) - Martínez-Sánchez, Rafael (University of Cordoba)
- 12:30 THE EXPLOITATION OF MARINE RESOURCES DURING THE LATE NEOLITHIC IN THE ISLAND SETTLEMENT OF CARTAGENERAS (SAN FERNANDO, CÁDIZ, SPAIN)**
Vijande, Eduardo - Corona Borrego, José (Universidad de Cádiz) - Sánchez Aragón, María (Freelance archaeologist) - Cabrera Castro, Remedios (Universidad de Cádiz) - Carmona Gil, María (Freelance archaeologist) - Becerra Martín, Serafin - Cantillo Duarte, Juan - Ramos Muñoz, José (Universidad de Cádiz)
- 12:45 DISCUSSION SLOT**
- 14:00 THE DAR ES SOLTAN I CAVE IN IT'S GEOMORPHOLOGICAL AND PALEOECOLOGICAL CONTEXT**
Shaymae, Iken (UDC University) - Bouzouggar, Abdeljalil (INSAP) - Grandal D'Anglade, Aurora María (UDC university)
- 14:15 WHERE CITIZEN SCIENCE AND ARCHAEOLOGICAL SCIENCE MEET: AN INTERDISCIPLINARY APPROACH TO COASTAL SHELL MIDDENS IN COUNTY SLIGO (NW IRELAND)**
Connolly, Rory (School of Archaeology, University College Dublin)
- 14:30 PRESENTATION OF THE SURVEY PROTOCOL FOR THE COASTLINE PROJECT (COASTAL ANCIENT SICILY' LINE)**
Forgia, Vincenza (Dipartimento Culture e Società, Università di Palermo, viale delle Scienze) - Antonioli, Fabrizio (CNR, IGAG, Roma)

14:45 DISCUSSION SLOT

271 THE SOCIAL ROLE OF POTTERY AND POTTERS IN NEOLITHIC AND COPPER AGE SOCIETIES OF THE BALKANS AND CENTRAL EUROPE**Room:** Building A, room 428**Time:** 8:30 - 17:30**Theme:** 3. The Carpathian Basin: Integration, Mobility and Diversity**Format:** Regular session**Organisers:** Marton, Tibor - Jakucs, János (Eötvös Loránd Research Network, Research Centre for the Humanities, Institute of Archaeology) - Spataro, Michela (Department of Scientific Research, The British Museum) - Gomart, Louise (French National Centre for Scientific Research) - Kreiter, Attila (Hungarian National Museum Laboratory of Applied Natural Sciences)

PAPERS

8:30 SCIENTIFIC APPROACHES TO THE ANALYSIS AND UNDERSTANDING OF PREHISTORIC POTTERY: OPPORTUNITIES AND LIMITATIONS

Spataro, Michela (British Museum)

8:45 BLACK IS ALWAYS IN FASHION: EARLY PRODUCTION OF DARK BURNISHED WARE IN THE NEOLITHIC OF UPPER THRACE

Tsurev, Atanas (National Institute of Archaeology & Museum, Bulgarian Academy of Sciences)

9:00 CHANGES IN THE TECHNOLOGICAL PROCESS OF POTTERY PRODUCTION. THE CASE OF STARČEVO-CRIȘ POTTERY FROM OARDA-LIMBA DE JOS (ROMANIA)

Tudorie, Anamaria - Ciută, Marius (Lucian Blaga University of Sibiu)

9:15 A STARČEVO POTTING KOINE: INVESTIGATING POTTING CHOICES AND PRACTICES AT SVINJARIČKA ČUKA.

Burke, Clare (Austrian Archaeological Institute)

9:30 POTTERY PRODUCTION AT VIROVITICA-BREKINJA AND THE DYNAMICS OF TRANSFORMATIONS IN THE 6TH MILLENNIUM CAL BC DRAVA REGION

Botic, Katarina (Institute of Archaeology, Zagreb) - Oross, Krisztián (Institute of Archaeology, Research Centre for the Humanities, ELRN, Budapest) - Balen, Jacqueline (Archaeological Museum in Zagreb, Zagreb)

9:45 DISCUSSION SLOT**10:00 TRANSFORMING TRADITIONS: AN INTEGRATED MULTIDISCIPLINARY RESEARCH PROJECT ON POTTERY PRACTICES OF 6TH MILLENNIUM CAL BC EASTERN TRANSDANUBIA**

Marton, Tibor (Institute of Archeology, Research Centre for the Humanities, Eötvös Loránd Research Network) - Kreiter, Attila (Hungarian National Museum, Laboratory of Applied Natural Sciences) - Oross, Krisztián (Institute of Archeology, Research Centre for the Humanities, Eötvös Loránd Research Network) - Gomart, Louise (Centre National de la Recherche Scientifique) - M. Virág, Zsuzsanna (Budapest History Museum) - Füzési, András (Hungarian National Museum) - Pető, Ákos (Szent István University, Department of Nature Conservation & Landscape Ecology) - Gortva, Gergely (Hungarian National Museum) - Gucsi, László - Jakucs, János (Institute of Archeology, Research Centre for the Humanities, Eötvös Loránd Research Network)

10:15 (DON'T) LET IT FADE: PERSISTENT TRADITION AND CHANGING STRATEGIES OF CERAMIC PRODUCTION AMONG THE POST-STARČEVO COMMUNITIES IN SOUTH-EASTERN TRANSDANUBIA

Jakucs, Janos - Marton, Tibor - Oross, Krisztián (Institute of Archeology, Research Centre for the Humanities, Eötvös Loránd Research Network) - Kreiter, Attila (Hungarian National Museum, Laboratory for Applied Research)

11:00 ANALYZING POTTERY USE-ALTERATION TRACES ON 6TH MILLENNIUM CAL BC CERAMIC ASSEMBLAGES FROM SOUTH-EASTERN TRANSDANUBIA

Gucsi, László - Jakucs, János - Marton, Tibor (Institute of Archeology, Research Centre for the Humanities, Eötvös Loránd Research Network)

11:15 TRACING THE PROVENANCE OF THE EARLIEST POTTERY WITH SR AND ND ISOTOPES

Tóth, Péter (Masaryk University) - Pokutta, Dalia (Masaryk University; University of Stockholm) - Zack, Thomas (University of Gothenburg) - Belka, Zdzislaw (Adam Mickiewicz University) - Petřík, Jan (Masaryk University) - Bickle, Penny (University of York) - Slavíček, Karel - Adameková, Katarína - Petr, Libor (Masaryk University)

11:30 DISCUSSION SLOT**11:45 RICH OR POOR? THOUGHTS AND ANALYSES ON THE SOCIAL ROLE OF POTTERS IN NEOLITHIC AND CHALCOLITHIC SOCIETIES OF SOUTH-EASTERN EUROPE**

Hofmann, Robert (Kiel University; CRC 1266: "Scales of Transformation - Human-Environmental Interaction in Prehistoric and Archaic Societies")

12:00 CREATING TRADITIONS: THE EARLY TISZA POTTERY STYLE AND PRACTICE IN ÖCSÖD-KOVÁSHALOM (5200-4800 BC, EAST-HUNGARY)

Füzesi, András (Hungarian National Museum / Magyar Nemzeti Múzeum) - Bajnok, Katalin (Eötvös Loránd Research Network, Centre for Energy Research) - Raczky, Pál (Eötvös Loránd University, Institute of Archaeological Sciences)

12:15 COMPLEX VESSELS IN SIMPLE HUTS: THE FOUR-LEGGED VESSELS FROM NEOLITHIC DISPILIO, NORTH GREECE

Voulgari, Evangelia (Laboratory Teaching Staff, School of History and Archaeology, Aristotle University of Thessaloniki) - Sofronidou, Marina (Ephorate of Antiquities of Drama) - Kotsakis, Kostas (Professor Emeritus of Prehistoric Archaeology, School of History and Archaeology, Aristotle University of Thessaloniki)

12:30 THE RISE AND FALL OF THE GROG-TEMPERED POTTERY IN THE SOUTHERN ROMANIA DURING THE CHALCOLITHIC PERIOD (5TH MILLENNIUM BCE)

Opris, Vasile (Bucharest Municipality Museum)

12:45 DISCUSSION SLOT

14:00 TALES OF TECHNOLOGY: AN ARCHAEOLOGICAL CHARACTERIZATION OF ENEOLITHIC POTTERY FROM THE EPONYMUS ARCHAEOLOGICAL SITE "GUMELNIȚA"

Manea, Bogdan (ArchaeoSciences Division, Research Institute of the University of Bucharest - ICUB) - Opris, Vasile (Bucharest Municipality Museum) - Dimache, Mădălina (Gumelnița Civilization Museum, Oltenița, Călărași County) - Mirea, Dragos - Ignat, Theodor (Bucharest Municipality Museum) - Dimofte, Daniela - Roban, Relu (Faculty of Geology and Geophysics, Department of Mineralogy, University of Bucharest) - Lazăr, Cătălin (ArchaeoSciences Division, Research Institute of the University of Bucharest - ICUB)

14:15 CHALCOLITHIC POTTERY AND PIGMENTS: TECHNOLOGIES, TRADITIONS AND EXCHANGES. CASE STUDY: CUCUTENI POTTERY, EASTERN ROMANIA

Drob, Ana ("Alexandru Ioan Cuza" University, Interdisciplinary Research Institute, Department of Exact Sciences and Natural Sciences, Arheoinvest Center, Iași) - Bolohan, Neculai ("Alexandru Ioan Cuza" University, Faculty of History, Iași) - Vasilache, Viorica ("Alexandru Ioan Cuza" University, Interdisciplinary Research Institute, Department of Exact Sciences and Natural Sciences, Arheoinvest Center, Iași)

14:30 UNDERLYING PATTERNS: CERAMIC TECHNICAL TRADITIONS IN THE EARLY AND MIDDLE COPPER AGE ON THE GREAT HUNGARIAN PLAIN

Solnay, Eszter (Eötvös Loránd University; Université Paris 1 Panthéon-Sorbonne; CNRS - UMR 8215 Trajectoires)

14:45 A STATISTICS-BASED APPROACH TO THE FUNCTIONAL RECONSTRUCTION OF MIDDLE COPPER AGE VESSELS IN EASTERN HUNGARY

Hegedus, Zsuzsa (Eötvös Loránd University, Institute of Archaeological Sciences)

15:00 DISCUSSION SLOT

15:15 DOMESTIC POTTERY AS A PART OF THE EVERYDAY ACTIVITY: EVALUATING SOME LATE COPPER AGE SETTLEMENTS

Fábián, Szilvia - Berente, Zoltán - Klinga, Flóra (Hungarian National Museum) - Marton, Tibor (Institute of Archaeology, Research Centre for the Humanities of Eötvös Loránd Research Network)

15:30 LATE COPPER AGE POTTERY FROM SOUTH-EASTERN ALPINE REGION: A MULTIDISCIPLINARY ARCHEOMETRICAL APPROACH IN THE STUDY OF LJUBLJANA CULTURE

Leghissa, Elena (ZRC SAZU, Institute of Archaeology) - Bernardini, Federico (University Ca' Foscari Venezia; Multidisciplinary Laboratory, The "Abdus Salam" International Centre for Theoretical Physics) - Montagnari Kokelj, Manuela (Department of Humanities, University of Trieste) - De Min, Angelo (Department of Mathematics and Geosciences, University of Trieste) - Velicogna, Matteo (Department of Land, Environment, Agriculture and Forestry, University of Padova)

15:45 IN SEARCH OF LOST SYMBOLISM. NEW DIRECTIONS IN THE INTERPRETATION OF PREHISTORIC ANTHROPOMORPHIC VESSELS

Turcanu, Senica ("Moldova" National Museum Complex of Iasi)

16:30 DISCUSSION SLOT

273 FAIRLY FRONT-LOADING THE ARCHIVE: MOVING BEYOND FINDABLE, ACCESSIBLE AND INTEROPERABLE TO REUSE OF ARCHAEOLOGICAL DATA

Room: Building A, room 330

Time: 8:30 - 18:30

Theme: 6. A Decade after the 'Third Science Revolution in Archaeology'

Format: Regular session

Organisers: Aspöck, Edeltraud (Austrian Centre for Digital Humanities and Cultural Heritage, Austrian Academy of Sciences) - May, Keith (Historic England) - Wright, Holly (Archaeology Data Service, Department of Archaeology, University of York)

PAPERS

8:30 INTRODUCTION

- 8:45 THE URGENT NEED FOR CONSENSUS FOR FAIRY ROCK ART DATA**
Bořica, Natália (Lab2PT; Unidade de Arqueologia da Universidade do Minho) - Luís, Luís (Fundação Cõa Parque) - Silva2, José (Lab2PT; Fundação para a Ciência e Tecnologia)
- 9:00 WHITHER GIS? – SOME CHALLENGES OF USING AND REUSING SPATIAL DATA FROM ARCHAEOLOGICAL FIELDWORK**
McKeague, Peter (Historic Environment Scotland)
- 9:15 PEPADB: PUTTING THE FAIR PRINCIPLES INTO PRACTICE**
Romero Garcia, Galo - Garrido-Cordero, José Angel (Department of Prehistory and Archaeology - Universidad de Sevilla) - Odriozola, Carlos P. (Department of Prehistory and Archaeology - Universidad de Sevilla; UNIARQ - University of Lisbon)
- 9:30 FAIRLY DATA, FURTHER KNOWLEDGE: THE ZARCHIS DATABASE AND POTTERY ANALYSIS**
Machado, Diego (Unidade de Arqueologia da Universidade do Minho; Laboratório de Paisagens, Património e Território; Fundação para a Ciência e Tecnologia) - Botica, Natália - Fernandes, Lara - Martins, Maria Manuela - Magalhães, Fernanda - Sousa, Rui (Unidade de Arqueologia da Universidade do Minho; Laboratório de Paisagens, Património e Território)
- 9:45 MONITORING THE CONSERVATION OF OPEN-AIR MESOLITHIC SITES USING SPATIAL DATA INFRASTRUCTURES: IMPLICATIONS FOR CULTURAL HERITAGE STUDIES**
Gómez-Puche, Magdalena- Fernández-López de Pablo, Javier (Research Institute of Archaeology and Historic Heritage - INAPH. University of Alicante)
- 10:00 PLEASE RECYCLE: ARCHAEOLOGICAL LEGACY DATA AND REUSE IN SWEDEN**
Kaiser, Jessica - Friberg, Zanna (Uppsala University)
- 10:15 DISCUSSION SLOT**
- 11:00 SHARING AND REUSE OF OPEN AND FAIR DATA: INSIGHTS FROM THE ARIADNE SURVEYS**
Geser, Guntram (Salzburg Research Institute)
- 11:15 DATA DISCOVERY AND DATA RE-USE IN ARIADNE**
Richards, Julian (Archaeology Data Service, University of York)
- 11:30 THE ROCEEH OUT OF AFRICA DATABASE: A CASE STUDY IN REUSING ARCHAEOLOGICAL DATA SENSIBLY**
Kandel, Andrew - Kanaeva, Zara - Sommer, Christian - Haidle, Miriam (Heidelberg Academy of Sciences and Humanities)

- 11:45 DEALING WITH DIGITALLY BORN LEGACY DATA AND LESSONS FOR THE FUTURE – PROJECT URDAR AND SWEDISH CONTRACT ARCHAEOLOGY**
Larsson, Asa (Swedish National Heritage Board) - Löwenborg, Daniel (Department of Archaeology and Ancient History, Uppsala University) - Jonsson, Maria - Nordinge, Johan (Swedish National Heritage Board) - Pálsson, Gísli (3GIMBALS) - Smith, Marcus (Swedish National Heritage Board)
- 12:00 CREATING FAIR ARCHAEOLOGICAL DATA IN NORWAY**
Uleberg, Espen (Museum of Cultural History University of Oslo) - Ore, Christian-Emil (Department of Linguistics and Scandinavian Studies, University of Oslo) - Dell'Unto, Nicolo (Museum of Cultural History, University of Oslo) - Callieri, Marco (Institute of Science and Technologies of Information - National Research Council) - Matsumoto, Mieko - Bonelli, Letizia - Kimball, Justin - Pantos, Alexis - Kristensen, Steinar - Samdal, Magne (Museum of Cultural History, University of Oslo)
- 12:15 DATA FRAGMENTATION, COMPLEXITY, AND THE CASE OF SWEDISH ARCHAEOLOGY IN THE MEDITERRANEAN. THE COMMON GROUNDS PROJECT**
Nenova, Denitsa (Norwegian Institute at Athens; Takin.solutions) - Bruseker, George (Takin.solutions) - Wallenstein, Jenny (Swedish Institute at Athens) - Hansson, Ulf (Swedish Institute in Rome) - Frejman, Axel (Uppsala University)
- 12:30 ARGENTINIAN DIGITAL ARCHAEOLOGICAL DATA GOING FAIR. OPPORTUNITIES, STRENGTHS AND CHALLENGES FOR THE REUSE OF INFORMATION AVAILABLE IN OPEN ACCESS**
Izeta, Andres - Cattáneo, Roxana (CONICET; Universidad Nacional de Córdoba)
- 12:45 DISCUSSION SLOT**
- 14:00 THE MATRIX: CONNECTING AND RE-USING DIGITAL RECORDS OF ARCHAEOLOGICAL INVESTIGATIONS**
May, Keith (Historic England; University of South Wales) - Taylor, James (University of York) - Binding, Ceri (University of South Wales)
- 14:15 IMPROVING THE REUSABILITY OF RELATIVE AND ABSOLUTE CHRONOLOGICAL INFORMATION BY AUTOMATING AND ARCHIVING THE BAYESIAN CHRONOLOGY CONSTRUCTION PROCESS**
Moody, Bryony - Buck, Caitlin (University of Sheffield) - Wright, Holly (Archaeology Data Service) - Dye, Thomas (University of Honolulu) - May, Keith (Historic England)

- 14:30 BRINGING EXCAVATION DATA TOGETHER. ARE WE THERE YET AND WHERE IS THAT?**
Nenova, Denitsa (Takin.solutions Ltd.; Norwegian Institute at Athens) - Bruseker, George (Takin.solutions Ltd.) - Derudas, Paola (Lund University) - Hiebel, Gerald (University of Innsbruck) - Hivert, Florian (Centre national de la recherche scientifique - CNRS) - Katsianis, Markos (University of Patras) - Marlet, Olivier (Centre national de la recherche scientifique - CNRS) - Opitz, Rachel (University of Glasgow, UK) - Ore, Christian-Emil (University of Oslo, Norway) - Uleberg, Espen (University of Oslo, Norway)
- 14:45 DISCUSSION SLOT**
- 15:00 REUSE OF RESEARCH DATA FOR GIS-ANALYSES. USE CASE OF BRONZE AGE MINING IN THE LOWER INN VALLEY AND PINZGAU (AUSTRIA)**
Danthine, Brigit - Hiebel, Gerald - Scherer-Windisch, Manuel (University of Innsbruck)
- 15:15 MAKING OLD DATA NEW – OBSTACLES AND OPPORTUNITIES IN THE RE-USE OF DATA FOR CONSTRUCTING A BOG BUTTER DATABASE**
O'Toole, Karen (University College Dublin)
- 15:30 WORK DIGITAL, THINK ARCHIVE, CREATE ACCESS - CREATING RESOURCES TO SUPPORT DIGITAL DATA MANAGEMENT AND ARCHIVES**
Parker Wooding, Jen (Chartered Institute for Archaeologists) - Forster, Manda (DigVentures)
- 15:45 DISCUSSION SLOT**
- 16:30 RETAINING ROOTS WHILE HARD PRUNING DATA: CONTEXT AND COLLABORATION IN DIGITISATION AND DATA MODELLING IN SOUTH ASIA**
Vafadari, Azadeh - Abdul Jabbar, Junaid - Khan, Afifa - C. Roberts, Rebecca - Campbell, Rosie - Gerrits, Petrus (McDonald Institute for Archaeological Research, University of Cambridge) - Gregorio, Jonas (Universitat Pompeu Fabra) - Suarez Moreno, Maria - Tomaney, Jack - A. Petrie, Cameron (McDonald Institute for Archaeological Research, University of Cambridge)
- 16:45 WHAT DOES USABILITY MEAN AND HOW CAN IT BE ACHIEVED? ONLINE CELTIC COINAGE (OCC) AS A CASE STUDY**
Wigg-Wolf, David - Brand, Mirko (Römisch-Germanische Kommission des Deutschen Archäologischen Instituts - RGK) - Deligio, Chrisowalands (Goethe-University Frankfurt, Big Data Lab) - Hofmann, Kerstin - Möller, Markus - von Nicolai, Caroline - Tietz, Julia (Römisch-Germanische Kommission des Deutschen Archäologischen Instituts - RGK) - Tolle, Karsten (Goethe-University Frankfurt, Big Data Lab)

- 17:00 A MULTIDISCIPLINARY RESEARCH PROJECT USING DIGITAL HUMANITIES FOR STUDYING ARCHAEOLOGICAL ARCHIVES: FIRST RESULTS IN PROGRESS AND OUTLOOKS**
Tuffery, Christophe (INRAP - National Institute for Preventive Archaeological Research)
- 17:15 DISCUSSION SLOT**
- POSTERS**
- A. USING SEMANTIC MODELING TO CREATE FAIR OPEN DATA FOR ARCHAEOLOGICAL FIELD SURVEY: A SHOWCASE AND TOOLKIT (SEMAFORA)**
van Leusen, Martijn (Groningen Institute of Archaeology) - Bruseker, George - Nenova, Denitsa (takin.solutions) - de Haas, Tymon (Groningen Institute of Archaeology) - Siebinga, Sjoerd (Delving.eu)
- B. REUSING FIELD SURVEY DATA FOR NEW QUESTIONS: A CASE STUDY FROM THE SIBARITIDE REGION (CALABRIA, ITALY)**
Parini, Martina (University of Groningen)

286 PUBLIC ARCHAEOLOGY AND SITES OF CONFLICT [PUBLIC ARCHAEOLOGY COMMUNITY]

- Room:** Building R, room E423
Time: 8:30 - 12:30
Theme: 1. Archaeologists and Archaeology Here and Now
Format: Regular session
Organisers: Benetti, Francesca (Historic Environment Forum) - Westmont, Camille (The University of the South)
Session related to the EAA Public Archaeology Community.

PAPERS

- 8:30 INTRODUCTION**
- 8:45 FINDING FAMILY AT FROMELLES: KINSHIP, PRIVATE MOURNING AND NATIONAL COMMEMORATION AT A WORLD WAR I BATTLE SITE**
Renshaw, Layla (Kingston University London)
- 9:00 REWRITING THE STORY OF SECOND WORLD WAR IN SKANDERBORG**
Host-Madsen, Lene - Paulsen, Charlotte - de Vos, Julie (Museum Skanderborg)
- 9:15 DISCUSSION SLOT**

- 9:30 SOURCES OF CONFLICT: THE CASE STUDY OF THE AGITPROP SITE IN DREŽNICA, CROATIA**
Iva, Stojevic (Institute of East Asian Studies, École Normale Supérieure de Lyon) - Gligora, Valerija (Valdir - obrt za istraživanje i usluge, Zagreb) - Grgurinović, Ivona (Department of Ethnology and Cultural Anthropology, Faculty of Humanities and Social Sciences, University of Zagreb) - Parežanin, Lujo (Department of Comparative Literature, Faculty of Humanities and Social Sciences, University of Zagreb) - Gomes Coelho, Rui (Department of Archaeology, Durham University; UNIARQ - Centre for Archaeology, University of Lisbon) - Horvatinčić, Sanja (Institute of Art History, Zagreb) - Teixeira Simões, Sara (UNIARQ - Center for Archaeology, University of Lisbon)
- 9:45 CULTURAL HERITAGE OF THE ITALIAN PARTICIPATION IN THE SPANISH CIVIL WAR: ARCHAEOLOGY, MEMORY AND RESIGNIFICATION OF A CONFLICT ARCHAEOLOGY SITE**
Perez-Juez, Amalia (Boston University) - Garcia Ruiz, Jose Luis (Independent Researcher) - Rodriguez Simon, Pedro (Independent Researcher) - Torija, Alicia (Tufts University) - Aramberri, Josu (Universidad del País Vasco -UPV)
- 10:00 PUBLIC MEMORY AND ARCHAEOLOGY OF THE TENNESSEE CONVICT LEASE WAR, 1891-1892**
Westmont, V. Camille (University of the South)
- 10:15 DISCUSSION SLOT**
- 11:00 FINDING COMMON GROUND IN THE SEARCH FOR THE UNITED STATES' LOST SERVICE MEMBERS**
Peixotto, Becca - Toney, Joshua - Dalton, Kevin - Freudenstein, Nicolle - Grant, William (Henry M Jackson Foundation)
- 11:15 CONFLICT ARCHAEOLOGY IN SCHOOLS: DISCUSSING DARK HERITAGE THROUGH MATERIAL CULTURE**
Väisänen, Teemu (University of Turku)
- 11:30 DISCUSSION SLOT**

287 MACROARCHAEOLOGY - DEFINITION, OBJECTIVES AND APPLICATIONS OF A NEW ARCHAEOLOGICAL PARADIGM

Room: Building B, room 242
Time: 8:30 - 15:30
Theme: 6. A Decade after the 'Third Science Revolution in Archaeology'
Format: Regular session
Organisers: Schmid, Clemens (Max Planck Institute for Evolutionary Anthropology) - Matzig, David (Aarhus University)

PAPERS

- 8:30 MACROARCHAEOLOGY: HOW CAN ARCHAEOLOGY MAKE NOVEL AND USEFUL CONTRIBUTIONS TO EVOLUTIONARY THEORY?**
Perreault, Charles (Arizona State University)
- 9:00 DISCUSSION SLOT**
- 9:15 CULTURAL MACROEVOLUTION**
Prentiss, Anna (University of Montana) - Walsh, Matthew (National Museum of Denmark)
- 9:30 WOULD A DINOSAUR VET CLINIC BE A DANGEROUS PLACE? SOME THOUGHTS ON THE ONTOLOGY AND EPISTEMOLOGY OF ARCHAEOLOGY**
Araujo, Astolfo (Museum of Archaeology and Ethnology - University of São Paulo) - Okumura, Mercedes (Institute of Biosciences - University of São Paulo)
- 9:45 MECHANISMS IN ARCHAEOLOGICAL EXPLANATION: MUCH NEEDED FOR MACROARCHAEOLOGY, BUT MAINLY MISSING FROM THE POST-MODERN MAINSTREAM**
Marwick, Ben (University of Washington)
- 10:00 MACROARCHAEOLOGY, EPISTEMOLOGY, AND THE QUALITY OF THE ARCHAEOLOGICAL RECORD**
Allison, James (Brigham Young University)
- 10:15 DISCUSSION SLOT**
- 11:00 ARE WE WHAT WE EAT? THE SOUTHWEST ASIAN "NEOLITHIC REVOLUTION" AS MACROARCHAEOLOGICAL THEORY**
Roe, Joe (Institute of Archaeological Sciences, University of Bern)
- 11:15 CYCLES IN A LONG-TERM PERSPECTIVE**
Gronenborn, Detlef (Leibniz Reserach Institute for Archaeology - RGZM)
- 11:30 RECOVERY & RESILIENCE OF PREHISTORIC SOCIETIES AFTER DISTURBANCE AS SEEN THROUGH PALAEODEMOGRAPHY**
Riris, Philip (Institute for Modelling Socio-Environmental Transitions)
- 11:45 DISCUSSION SLOT**
- 12:00 MACROARCHAEOLOGY AND THE SOCIAL REACTORS PROJECT**
Ortman, Scott (University of Colorado)

- 12:15 ZOOM AND ENHANCE: HIGH RESOLUTION RECONSTRUCTION OF MACRO-SCALE PROCESSES WITH BAYESIAN HIERARCHICAL MODELS**
Hinz, Martin - Roe, Joe (Institut für Archäologische Wissenschaften, University of Bern)
- 12:30 A MACROEVOLUTIONARY ANALYSIS OF EUROPEAN LATE UPPER PALAEOLITHIC STONE TOOLS USING A BAYESIAN PHYLOGENETIC FRAMEWORK**
Matzig, David (Aarhus University)
- 12:45 DISCUSSION SLOT**
- 14:00 MACROARCHEOLOGICAL BY DEFAULT: THE RESEARCH CENTER "THE ROLE OF CULTURE IN EARLY EXPANSIONS OF HUMANS" (ROCEEH)**
Haidle, Miriam - Bolus, Michael - Bruch, Angela - Conard, Nicholas - Hertler, Christine - Kanaeva, Zara - Kandel, Andrew - Sommer, Christian (Heidelberg Academy of Sciences and Humanities, Research Center ROCEEH)
- 14:15 A MACROARCHEOLOGICAL PERSPECTIVE ON THE ARCHAEOGENETIC RECORD**
Schmid, Clemens (Max Planck Institute for Evolutionary Anthropology)
- 14:30 DISCUSSION SLOT**

306 EARLY IRON AGE LANDSCAPE TRANSFORMATIONS IN THE CARPATHIAN BASIN AND ADJACENT AREAS

Room: Building F, room 12

Time: 14:00 - 18:30

Theme: 3. The Carpathian Basin: Integration, Mobility and Diversity

Format: Regular session

Organisers: Czajlik, Zoltán (Institute of Archaeological Sciences, Eötvös Loránd University, Budapest) - Črešnar, Matija (Department of Archaeology, University of Ljubljana) - Benediková, Lucia (Institute of Archaeology SAS) - Mele, Marko (Universalmuseum Joanneum) - Czifra, Szabolcs (Hungarian National Museum)

PAPERS

- 14:00 INTRODUCTION**
- 14:15 WESTERN CARPATHIAN MOUNTAINS LAND-USE DURING THE BRONZE AND IRON AGES : CASE STUDY FROM LIPTOV (SLOVAKIA)**
Benediková, Lucia (Institute of Archaeology of the Slovak Academy of Sciences, Nitra) - Hajnalová, Mária (Constantine the Philosopher University Faculty of Arts, Department of Archaeology, Nitra) - Jam-

richová, Eva (Department of Paleoeecology, Institute of Botany of the Czech Academy of Sciences) - Barta, Peter (Comenius university Faculty of Arts, Department of Archaeology, Bratislava) - Petr, Libor (Department of Botany and Zoology, Masaryk University, Brno) - Dreslerová, Dagmar (Institute of Archaeology of the Czech Academy of Sciences, Prague)

- 14:30 CLIMATIC CHANGES DURING THE LBA – EIA TRANSITION IN THE CARPATHIAN BASIN AND THEIR IMPACT ON HUMAN SOCIETIES**
Magyari, Eniko (Eötvös Loránd University, Department of Environmental and Landscape Geography; MTA-MTM-ELTE Research group for Paleontology) - Buczkó, Krisztina (Research Centre for Ecology; Hungarian Natural History Museum) - Czifra, Szabolcs (Hungarian National Museum) - Fejér, Eszter (Institute of Archaeological Sciences, Eötvös Loránd University) - Szabó, Zoltán (Eötvös Loránd University, Department of Environmental and Landscape Geography) - Czajlik, Zoltán (Institute of Archaeological Sciences, Eötvös Loránd University)
- 14:45 DISCUSSION SLOT**
- 15:00 SPATIAL ANALYSIS OF THE SCYTHIAN CULTURE MONUMENTS IN THE EASTERN PODOLIA (PRELIMINARY CONSIDERATION)**
Shelekhan, Oleksandr (Institute of Archaeology, National Academy of Sciences of Ukraine)
- 15:15 SCYTHIAN AGE SETTLEMENT PATTERNS IN THE MIDDLE TISZA REGION (HUNGARY)**
Czifra, Szabolcs - Mesterházy, Gábor (Hungarian National Museum) - Mali, Péter (Damjanich János Museum)
- 15:30 A BIRD'S EYE VIEW BEYOND THE CARPATHIANS: THE FUNERARY LANDSCAPE IN FERIGILE ARCHAEOLOGICAL GROUP**
Mandescu, Dragos (Arges County Museum)
- 15:45 DISCUSSION SLOT**
- 16:30 LANDSCAPE TRANSFORMATIONS AND LAND USE ON THE MIDDLE MUREŞ VALLEY (SOUTH-WESTERN TRANSYLVANIA) DURING THE EARLY IRON AGE**
Rustoiu, Aurel (Institute of Archaeology and History of Arts Romanian Academy Cluj-Napoca) - Berecki, Sandor (Muzeul Judetean Mures Tg. Mures)
- 16:45 SETTLEMENT DYNAMICS IN THE IRON AGE LANDSCAPE OF SOUTHERN STYRIA (AUSTRIA)**
Mele, Marko (Universalmuseum Joanneum)

17:00 IS THERE ANY PATTERN IN THE EARLY IRON AGE LANDSCAPE FORMATION? A CASE STUDY OF SÜTTŐ AND POŠTELA

Czajlik, Zoltán (Eötvös Loránd University) - Črešnar, Matija (Department of Archaeology, University of Ljubljana) - Novinszki-Groma, Katalin (Eötvös Loránd University)

17:15 THE EARLY IRON AGE LANDSCAPE AROUND THE SOMLÓHEGY

Soós, Bence (Hungarian National Museum, Archaeological Department; Eötvös Loránd University, Institute of Archaeological Sciences)

17:30 DISCUSSION SLOT

POSTERS

A. IRON AGE COMMUNITIES IN THE LOWER DANUBE AREA: ARCHAEOLOGICAL AND ARCHAEOZOOLOGICAL DATA ON THE FOOD ECONOMY AND PALEOENVIRONMENT

Ștanc, Simina Margareta (Alexandru Ioan Cuza University of Iași) - Ailincăi, Sorin Cristian (Eco-Museum Research Institute of Tulcea) - Mototolea, Aurel Constantin (Museum of National History and Archeology Constanța)

B. IMPRINT IN THE LANDSCAPE. THE MONUMENTAL LANDSCAPE OF SÜTTŐ AND ITS CONTACTS ALONG THE RIVER DANUBE IN THE EIA

Novinszki-Groma, Katalin (Eötvös Loránd University)

309 FROM THE PRESENT TO THE PAST AND BACK: CROSSING DISCIPLINARY AND TIME BOUNDARIES IN AGRICULTURAL RESEARCH

Room: Building A, room 336

Time: 8:30 - 15:30

Theme: 5. Climate Change and Socioenvironmental Perspectives

Format: Session with keynote presentation and discussion

Organisers: Varalli, Alessandra (CaSEs–Culture and Socio-Ecological Dynamics Research Group, Department of Humanities, Universitat Pompeu Fabra - UPF) - Lancelotti, Carla (CaSEs–Culture and Socio-Ecological Dynamics Research Group, Department of Humanities, Universitat Pompeu Fabra - UPF; ICREA) - Biagetti, Stefano (CaSEs–Culture and Socio-Ecological Dynamics Research Group, Department of Humanities, Universitat Pompeu Fabra - UPF; School of Geography, Archaeology and Environmental Studies - GAES, University of the Witwatersrand) - Gur-Arieh, Shira (Institute for Pre- and Protohistoric Archaeology and Archaeology of the Roman Provinces, Ludwig Maximilian University Munich) - Martin, Lucie (Laboratory of Prehistoric

Archaeology and Anthropology, University of Geneva; UMR EDYTEM, CNRS, Université Grenoble Alpes, Université Savoie Mont-Blanc, Chambéry)

PAPERS

8:30 INTRODUCTION

8:45 A DEEP HISTORY OF AGRICULTURE

Madella, Marco (Universitat Pompeu Fabra; ICREA)

9:00 DISCUSSION SLOT

9:15 A MULTIPROXY APPROACH TO PAST AND PRESENT AGRICULTURE IN DRYLANDS

Biagetti, Stefano (CaSEs – Culture and Socio-Ecological Dynamics Research Group. Departament d'Humanitats, Universitat Pompeu Fabra; School of Geography, Archaeology and Environmental Studies - GAES, University of the Witwatersrand, Johannesburg) - Jiménez-Arteaga, Carolina - Ruiz-Giralt, Abel (CaSEs – Culture and Socio-Ecological Dynamics Research Group. Departament d'Humanitats, Universitat Pompeu Fabra) - Madella, Marco (CaSEs – Culture and Socio-Ecological Dynamics Research Group. Departament d'Humanitats, Universitat Pompeu Fabra; ICREA – Institució Catalana de Recerca i Estudis Avançats; School of Geography Archaeology and Environmental Studies - GAES, University of the Witwatersrand) - Varalli, Alessandra (CaSEs – Culture and Socio-Ecological Dynamics Research Group. Departament d'Humanitats, Universitat Pompeu Fabra) - D'Agostini, Francesca (CaSEs – Culture and Socio-Ecological Dynamics Research Group. Departament d'Humanitats, Universitat Pompeu Fabra) - Lancelotti, Carla (CaSEs – Culture and Socio-Ecological Dynamics Research Group. Departament d'Humanitats, Universitat Pompeu Fabra; ICREA – Institució Catalana de Recerca i Estudis Avançats)

9:30 NEW TECHNIQUES ... FOR OLD PURPOSES. THE MODERN FAO'S LAND EVALUATION SYSTEM FOR RECONSTRUCTION OF THE ANCIENT AGRICULTURE LANDSCAPE

Sotgia, Agostino (Sapienza - Università di Roma; RUG - University of Groningen)

9:45 HISTORIC RURAL LANDSCAPE AND SOIL SUSTAINABILITY: A RUSLE MODELLING APPROACH

Brandolini, Filippo - Turner, Sam (McCord Centre for Landscape, School of History, Classics and Archaeology, Newcastle University)

10:00 A MULTI-DISCIPLINARY MODELLING APPROACH FOR UNDERSTANDING HUMAN AND AGRICULTURAL NICHES IN THE WESTERN MEDITERRANEAN AREA DURING THE NEOLITHIC

Castiello, Maria Elena (Department of Natural Sciences, German Archaeological Institut - DAI, Berlin) - Russo, Emmanuele (Institute for Atmospheric and Climate Science, ETH Zurich) - Martinez-Grau, Hector - Prats, Georgina - Jesus, Ana (Integrative Prehistory and Archaeological Science - IPAS/IPNA, University of Basel) - Antolin, Ferran (Department of Natural Sciences, German Archaeological Institut - DAI, Berlin)

10:15 DISCUSSION SLOT

11:00 PRESENT AND PAST AGRICULTURE IN ARID ENVIRONMENTS: A MULTI-PROXI APPROACH TO RECONSTRUCT THE HISTORY OF THE MASAFI OASIS (U.A.E.)

Djerbi, Hatem (Université Côte d'Azur, CNRS-CEPAM UMR 7264; Eveha) - Garnier, Aline (Université de Paris Est-Créteil, Département de géographie; LGP-CNRS UMR 8591) - Costa, Sophie (Université Côte d'Azur, CNRS-CEPAM UMR 7264) - Herveux, Linda (Archéorient-CNRS UMR 5133, Maison de l'Orient et de la Méditerranée) - Charbonnier, Julien - Carré, Alain - Purdue, Louise (Université Côte d'Azur, CNRS-CEPAM UMR 7264)

11:15 OASIS LANDSCAPES AND LONG-TERM AGRICULTURE IN ARID ENVIRONMENTS: AN ASSESSMENT FROM THE OASIS OF ALULA (SAUDI ARABIA)

Purdue, Louise (CNRS CEPAM-UMR 7264) - Lespez, Laurent (Université Paris 12; LGP-UMR 8591) - Djerbi, Hatem - Davtian, Gourguen (CNRS-CEPAM UMR 7264) - Girard, Jean-François (Institut de Physique du Globe) - Carré, Alain (CNRS-CEPAM UMR 7264) - Rouvier, Claude (Independent Researcher) - Andrieux, Eric (Durham University) - Costa, Sophie - Villa, Valentina (CEPAM-UMR 7264)

11:30 TRANSHUMANCE IN ICELAND: SUCCESSFUL HISTORICAL LAND MANAGEMENT OR A VECTOR FOR LAND DEGRADATION?

Erlendsson, Egill - Gísladóttir, Guðrún (Institute of Life and Environmental Sciences, University of Iceland)

11:45 UNDERSTANDING PAST WATER AVAILABILITY IN RAIN-FED CONTEXTS THROUGH THE USE OF PHYTOLITHS: AN EXPERIMENTAL APPROACH IN SELECTED C₄ CROPS

D'Agostini, Francesca (CaSEs – Culture and Socio-Ecological Dynamics Research Group. Departament d'Humanitats, Universitat Pompeu Fabra; UMR DIADE, Université de Montpellier) - Vadez, Vincent (IRD - Institut de Recherche pour le Développement, UMR DIADE, Université

de Montpellier; ICRISAT – International Crops Research Institute for Semi-Arid Tropics) - Kholova, Jana (ICRISAT – International Crops Research Institute for Semi-Arid Tropics) - Ruiz-Pérez, Javier (Department of Ecology and Conservation Biology, Texas A&M University) - Madella, Marco - Lancelotti, Carla (CaSEs – Culture and Socio-Ecological Dynamics Research Group. Departament d'Humanitats, Universitat Pompeu Fabra. Barcelona; ICREA – Catalan Institution for Research and Advanced Studies)

12:00 ASSESSING THE EFFECTS OF CHARRING ON C AND N STABLE ISOTOPE VALUES OF C₄ PLANTS FOR RECONSTRUCTING PAST AGRICULTURAL PRACTICES

Varalli, Alessandra - D'Agostini, Francesca (CaSEs–Culture and Socio-Ecological Dynamics Research Group, Department of Humanities, Universitat Pompeu Fabra - UPF) - Fiorentino, Girolamo (Laboratory of Archaeobotany and Palaeoecology, Department of Cultural Heritage, University of Salento) - Madella, Marco (CaSEs–Culture and Socio-Ecological Dynamics Research Group, Department of Humanities, Universitat Pompeu Fabra - UPF; ICREA) - Vadez, Vincent (Institut de Recherche pour le Développement - IRD, Université de Montpellier – UMR DIADE; International Crops Research Institute for Semi-Arid Tropics - ICRISAT) - Lancelotti, Carla (CaSEs–Culture and Socio-Ecological Dynamics Research Group, Department of Humanities, Universitat Pompeu Fabra - UPF; ICREA)

12:15 DISCUSSION SLOT

14:00 INVESTIGATING THE GROWING CONDITIONS OF BROOMCORN MILLET (PANICUM MILIACEUM L.) IN NORTHERN GERMANY IN THE LATE BRONZE AGE

Filipovic, Dragana (Institute for Pre- and Protohistoric Archaeology, Kiel University) - Herrscher, Estelle (Aix Marseille University, CNRS, LAMPEA, UMR7269) - Schlütz, Frank (Niedersächsisches Institut für historische Küstenforschung) - Schneeweiß, Jens (Zentrum für Baltische und Skandinavische Archäologie, Stiftung Schleswig-Holsteinische Landesmuseen Schloss Gottorf; Cluster of Excellence ROOTS, Kiel University) - Kirleis, Wiebke (Institute for Pre- and Protohistoric Archaeology, Kiel University)

14:15 INFERRING AGRICULTURAL PRACTICES IN SOUTHWESTERN NORWAY USING STABLE ISOTOPE ANALYSIS OF CHARRED CEREAL GRAINS

Fredh, Erik Daniel - Bishop, Rosie (University of Stavanger)

14:30 DISCUSSION SLOT

POSTERS

- A. PRELIMINARY DATASET ON CARPOLOGICAL REMAINS FROM ITALIAN BRONZE AGE**
 Cortese, Francesca (Department of History, Humanities and Society, University of Rome Tor Vergata) - De Angelis, Flavio (Centre of Molecular Anthropology for Ancient DNA Studies, University of Rome Tor Vergata) - Bontempo, Luana (Edmund Mach Foundation, Food Quality and Nutrition Department – Traceability Unit) - Carrara, Nicola (University of Padua) - Dalla Longa, Elisa (Independent researcher) - Moggi Cecchi, Iacopo (Anthropological laboratories – Department of Biology, University of Florence) - Silvestri, Letizia (Department of History, Humanities and Society, University of Rome Tor Vergata; Durham University, Department of Archaeology) - Rickards, Olga (Centre of Molecular Anthropology for Ancient DNA Studies, University of Rome Tor Vergata) - Rolfo, Mario (Department of History, Humanities and Society, University of Rome Tor Vergata)
- B. CONSTRUCTION AND PRACTICE OF EXPERIMENTAL PADDY FIELDS IN THE YAYOI AND KOFUN PERIODS IN THE JAPANESE ARCHIPELAGO**
 Shiroishi, Tetsuya (Yamagata University) - Yamada, Masahisa (Tokyo Metropolitan University)

311 COMMUNITY ARCHAEOLOGY OF THE EDGES: CHALLENGES AND SOLUTIONS

Room: Building R, room E151
Time: 16:30 - 18:30
Theme: 1. Archaeologists and Archaeology Here and Now
Format: Round table
Organisers: Todaro, Simona (Catania University) - Kyriakidis, Evangelos (The Heritage Management Organization)

In the past 15 years, the engagement between archaeology and the public has intensified and, as a result, a growing number of countries have moved from top-down approaches that aim to increase community awareness of cultural heritage through modification of dissemination practices, to more dynamic and inclusive approaches that entail the active collaboration of citizens and archaeologists.

The new path has inevitably forced practitioners to rethink how and why we do archaeology and has eventually led to a shift of focus from top-down, often enforced, box-ticking exercises, to projects aimed to empower local communities.

While the outcomes of archaeological research are regulated by specific legisla-

tion and publication responsibilities, the truly collaborative practice poses often unresolved location specific challenges. True collaboration requires the permeability of boundaries between "professional" and "community member", which can become extremely difficult to transcend when working with marginal groups, even in cases in which researchers are both community members and professionals.

Yet, marginal groups, i.e. communities that can be regarded as critical for socio-economic reasons (e.g. peripheries of urban centres, groups characterized by a lack of access to facilities, that have not been integrated, are illiterate or new), are those that could benefit more from collaborative research projects in which the cultural heritage can become a trigger for creating and/or reinforcing integration. The aim of this session is to bring together researchers who have been working with such communities so as to address, through specific cases studies, challenges and attempts at overcoming them.

323 MICROHISTORY AND SOCIAL ARCHAEOLOGY IN WESTERN EUROPE



Room: Building R, room E414
Time: 8:30 - 13:00
Theme: 2. [Re]integration
Format: Regular session
Organisers: Quirós Castillo, Juan Antonio (University of the Basque Country) - Stagno, Anna (University of Genova)

PAPERS

- 8:30 INTRODUCTION**
- 8:45 DELUSIONS OF GRANDEUR: CONFUSING SIZE WITH DEPTH IN ARCHAEOLOGICAL PRACTICE**
 Ribeiro, Artur (Christian-Albrechts-Universität)
- 9:00 MICROHISTORY AND HISTORICAL ARCHAEOLOGY. TOWARD A MICRO-HISTORICAL ARCHAEOLOGY?**
 Panetta, Alessandro (University of Genoa) - Casimiro, Tânia (Universidade Nova de Lisboa)
- 9:15 THE RISE OF RURAL RENTIERS IN MEDIEVAL NORWAY: APPROACHING A SOCIAL ARCHAEOLOGY OF THE MOST RADICAL SHIFT IN NORWEGIAN HISTORY**
 Hill, David (NIKU - Norwegian Institute for Cultural Heritage Research)

9:30 PEASANTS, TRADESMEN AND CAVALRY SOLDERS – ARCHAEOLOGY AND MICROHISTORY OF AN EARLY MODERN FARM

Heinonen, Tuuli (University of Helsinki)

9:45 MICROHISTORY, LOCAL SOCIETIES AND SOCIAL POWER IN EARLY MEDIEVAL AGE. A BASQUE CASE STUDY

Quirós Castillo, Juan Antonio (UPV-EHU, Dpto Geografía, Prehistoria y Arqueología)

10:00 LOCKS AND THE ACT OF LOCKING WITHIN AN 18TH-CENTURY SWEDISH URBAN TENEMENT

Qvistrom, Linda (Uppsala University)

10:15 DISCUSSION SLOT**11:00 ANDRÚAS. MICROHISTORY OF A SPACE FOR COLLECTIVE USE IN THE CANTABRIAN MOUNTAINS**

López, Pablo (University of León) - Carballido González, Elias - Re-bollar Flecha, Luis Miguel - Fernández Mier, Margarita (University of Oviedo)

11:15 BETWEEN ARCHAEOLOGY AND HISTORY: THE AMBIGUITY OF THE COMMONS, CASE STUDIES FROM TREBBIA VALLEY (LIGURIAN APENNINES)

Stagno, Anna Maria (Università di Genova - Laboratory of Environmental Archaeology and History) - Tigrino, Vittorio (Università del Piemonte Orientale) - Beltrametti, Giulia (University of Primorska - Faculty of Humanities)

11:30 MARBLE LIME KILNS IN THE POHORJE MOUNTAIN (SLOVENIA): MODERN HERITAGE OF A RURAL INDUSTRY

Zanier, Katharina - Djurić, Bojan (Department of Archaeology, Faculty of Arts, University of Ljubljana)

11:45 UNVEILING LOCAL CONFLICTS THROUGH MICROHISTORY: A MULTIDISCIPLINARY AND COMPARATIVE ANALYSIS OF THE COMMON LANDS IN NORTHERN IBERIA (18TH-19TH CENTURIES)

Cristina, Giovanni - Tejerizo-García, Carlos (Università di Genova) - Menéndez-Blanco, Andrés (Universidad de Oviedo; Università di Genova)

12:00 DISCUSSION SLOT**POSTERS****A. THE LIFE HISTORY OF A SMALL TERRITORY OF INNER SICILY THROUGHOUT ARCHAEOLOGICAL RESEARCH**

Lo Monaco, Viviana (UNESP)

326 MACHINE LEARNING AND THE CREATION OF ARCHAEOLOGICAL NARRATIVES**Room:** Main building, room 39**Time:** 14:00 - 16:00**Theme:** 6. A Decade after the 'Third Science Revolution in Archaeology'**Format:** Discussion session**Organisers:** Giroto, Chiara (Ludwig-Maximilians-Universität München) - Price, Henry (Imperial College London)**PAPERS****14:00 INTRODUCTION****14:15 CAN WE RELY ON DATA OBTAINED SOLELY THROUGH ML? AN ARCHAEOASTRONOMICAL APPROACH TO THE PREHISTORIC TOMBS OF NORTH-WESTERN ARABIA**

Urrutia-Aparicio, Maitane - Asensio Ramos, Andrés - Westendorp Plaza, Carlos - Belmonte, Juan (Instituto de Astrofísica de Canarias) - González-García, A. César (Instituto de Ciencias del Patrimonio - Incipit, Consejo Superior de Investigaciones Científicas - CSIC)

14:30 EMPLOYING VISUAL FEATURE ANALYSIS WITH MACHINE LEARNING MODELS FOR THE AUTOMATED CLUSTERING OF SMALLER BUT SIGNIFICANT ARCHAEOLOGICAL ITEMS

Mircea, Cristina (Department of Molecular Biology and Biotechnology, Faculty of Biology and Geology, Babes-Bolyai University; Molecular Biology Center, Interdisciplinary Research Institute on Bio-Nano-Sciences, Babes,-Bolyai University) - Mircea, Ioan (Department of Computer Science, Faculty of Mathematics and Informatics, Babes-Bolyai University) - Urduzia, Claudia (Brukenthal National Museum) - Pinter, Zeno (Department of History, Heritage and Protestant Theology, Lucian Blaga University of Sibiu; Institute of Social Sciences and Humanities, Romanian Academy) - Kelemen, Beatrice (Department of Molecular Biology and Biotechnology, Faculty of Biology and Geology, Babes-Bolyai University; Molecular Biology Center, Interdisciplinary Research Institute on Bio-Nano-Sciences, Babes,-Bolyai University)

14:45 COULD MACHINE LEARNING SEAL THE DEAL? EXPLORING MULTIPLE AVENUES TO RECOGNISE AND CLASSIFY DESIGNS OF COMMON MITANNI CYLINDER SEALS

Angourakis, Andreas (Institute for Archaeological Studies, Ruhr University Bochum; McDonald Institute for Archaeological Research, University of Cambridge) - Tsouparopoulou, Christina (McDonald Insti-

tute for Archaeological Research, University of Cambridge; Institute of Mediterranean and Oriental Cultures, Polish Academy of Sciences)

15:00 DISCUSSION SLOT

POSTERS

A. FRAGMENT GENERATION OF IBERIAN POTTERY PROFILES WITH MACHINE LEARNING FOR CERAMIC RECONSTRUCTION

Fuertes García, José Manuel (Department of Computer Science, University of Jaén; University Research Centre for Iberian Archaeology) - Navarro, Pablo (Instituto Patagónico de Ciencias Sociales y Humanas. Centro Nacional Patagónico; CONICET) - Cintas, Celia (IBM Research Africa) - Lucena López, Manuel José - Segura Sánchez, Rafael (Department of Computer Science, University of Jaén; University Research Centre for Iberian Archaeology) - Delrieux, Claudio (Departamento de Ingeniería Eléctrica y de Computadoras, Universidad Nacional del Sur.) - González-José, Rolando (Instituto Patagónico de Ciencias Sociales y Humanas. Centro Nacional Patagónico; CONICET) - Moreno Padilla, Isabel (University Research Centre for Iberian Archaeology; University of Jaén)

331 POSSIBILITIES AND CHALLENGES OF THE ARCHAEOLOGICAL SCIENCE REVOLUTION IN THE CAUCASUS

Room: Building C, room 173

Time: 8:30 - 15:30

Theme: 1. Archaeologists and Archaeology Here and Now

Format: Regular session

Organisers: Passerini, Annapaola (Cornell University) - Maurer, Gwendoline (University College London) - Batiashvili, Magda (Sapienza University of Rome) - Ismayilova, Narmin (University of Birmingham) - Antonosyan, Maria (Max Planck Institute for the Science of Human History; Institute of Molecular Biology NAS Armenia)

PAPERS

8:30 INTRODUCTION

8:45 COLOUR OF THE PAST. FIRST ARCHAEOMETRIC INVESTIGATIONS OF CAUCASIAN ROCK ART PAINTINGS IN GEORGIA

Batiashvili, Magda (Science and Technology for the Conservation of Cultural Heritage) - Gallinaro, Marina - Restelli, Francesca (Depart-

ment of Ancient World Studies) - Medeghini, Laura - Botticelli, Michela (Department of Earth Sciences, "Sapienza" University)

9:00 A TECHNOLOGICAL ANALYSIS OF THE STONE ARTIFACTS FROM AGHITU-3 CAVE AND ITS IMPLICATION ABOUT UPPER PALEOLITHIC SETTLEMENT IN ARMENIAN HIGHLANDS

Jabbour, Firas (Eberhard Karls University of Tübingen, Department of Early Prehistory and Quaternary Ecology, University of Tübingen; The Role of Culture in Early Expansions of Humans - ROCEEH, Heidelberg Academy of Sciences and Humanities at the University of Tübingen) - Gasparyan, Boris (Institute of Archaeology and Ethnography, National Academy of Sciences, Yerevan) - Kandel, Andrew (The Role of Culture in Early Expansions of Humans - ROCEEH, Heidelberg Academy of Sciences and Humanities at the University of Tübingen)

9:15 ELEMENTAL COMPOSITION AND LEAD ISOTOPES OF COPPER-BASED ARTIFACTS FROM TEL BET YERAH (KHIRBET EL-KERAK): NEW INSIGHTS ON THE KURA-ARAXES DISPERSION

Ben-Yosef, Erez - Yagel, Omri (Tel Aviv University) - Harlavan, Yehudit (Geological Survey of Israel) - Shalem, Naama - Paz, Sarit - Greenberg, Raphael (Tel Aviv University)

9:30 DISCUSSION SLOT

9:45 POSSIBILITIES AND CHALLENGES OF USING STABLE ISOTOPE ANALYSIS TO INVESTIGATE KURA-ARAXES 'PASTORAL' ECONOMIES AND MOBILITY PRACTICES IN NACHCIVAN

Maurer, Gwendoline (UCL - University College London)

10:00 WHAT CAN MOLECULES TELL US? RECONSTRUCTION OF FAUNAL DIVERSITY IN THE LESSER CAUCASUS IN THE PAST 30,000 YEARS

Antonosyan, Mariya (Department of Archaeology, Max Planck Institute for the Science of Human History; Institute of Molecular Biology, National Academy of Sciences of Armenia) - Davtyan, Armine - Mkrtchyan, Satenik (Institute of Molecular Biology, National Academy of Sciences of Armenia) - Petraglia, Michael - Boivin, Nicole (Department of Archaeology, Max Planck Institute for the Science of Human History) - Yepiskoposyan, Levon (Institute of Molecular Biology, National Academy of Sciences of Armenia) - Amano, Noel (Department of Archaeology, Max Planck Institute for the Science of Human History)

10:15 DISCUSSION SLOT

11:00 DEFINING TECHNOLOGICAL TRADITIONS: MAIKOP AND LEYLATEPE/CHAFF-FACED WARE CASE

Iserlis, Mark (German Archaeological Institute)

- 11:15 ZOOARCHAEOLOGY AT SHENGAVIT, THE 2009-12 EXCAVATIONS**
Crabtree, Pam (New York University)
- 11:30 REFINING THE TIMING OF PLEISTOCENE HOMININ BEHAVIOURS IN ARMENIA; OPPORTUNITIES, CHALLENGES, AND FUTURE PROSPECTS**
Sherriff, Jenni (Department of Geography, King's College London)
- Adler, Daniel (Department of Anthropology, University of Connecticut) - Arakelyan, Dimitri (Institute of Geological Sciences, National Academy of Sciences of the Republic of Armenia, Yerevan) - Blockley, Simon (Centre for Quaternary Research, Department of Geography, Royal Holloway, University of London) - Gasparyan, Boris (Institute of Archaeology and Ethnography, National Academy of Sciences of the Republic of Armenia, Yerevan) - Mark, Darren (NERC Argon Isotope Facility, Scottish Universities Environmental Research Centre, Glasgow) - Preece, Katie (Department of Geography, Swansea University) - Timms, Rhys (School of Archaeology, Geography and Environmental Science, Whiteknights, University of Reading) - Wilkinson, Keith (Department of Archaeology, Anthropology and Geography, University of Winchester)
- 11:45 DISCUSSION SLOT**
- 12:00 NEW FRONTIERS FOR DIGITAL RESEARCH @ SAMTAVRO CEMETERY, CAUCASIAN IBERIA**
Michalewicz, Aleks - Fitzgerald, Emily (University of Melbourne) - Birkett-Rees, Jessie (Monash University)
- 12:15 OUT OF TIME, OUT OF MIND: RADIOCARBON DATING THE EARLY BRONZE AGE IN THE SOUTH CAUCASUS**
Passerini, Annapaola (Cornell University)
- 12:30 NEOLITHIC REVOLUTIONARIES: SOVIET STUDIES ON EARLY AGROPASTORAL COMMUNITIES AND THEIR IMPACT ON THE CURRENT ARCHAEOLOGY IN SOUTH CAUCASUS**
Heit, Ilia (German Archaeological Institute, Eurasia Department)
- 12:45 DISCUSSION SLOT**
- 14:00 DOMESTIC ARCHITECTURE IN THE SHULAVERI-SHOMUTEPE CULTURE IN THE KURA RIVER VALLEY IN SOUTHERN CAUCASUS IN THE 6TH MILLENIUM BC**
Sobko, Jakub (Adam Mickiewicz University in Poznań)
- 14:15 PRESSING CONCERNS: URARTIAN WINE PRODUCTION EQUIPMENT**
Newson, Victoria (University of Sheffield)
- 14:30 DISCUSSION SLOT**

342 WHAT DO ARCHAEOLOGISTS WANT FROM A DISTRIBUTED SCIENCE INFRASTRUCTURE? INTRODUCING IPERION HS AND E-RIHS

Room: Building A, room 429
Time: 11:00 - 13:00
Theme: 1. Archaeologists and Archaeology Here and Now
Format: Workshop
Organisers: Campbell, Gillian (Historic England) - Çakırlar, Canan (Groningen Institute of Archaeology)

As part of introducing two projects, IPERION HS and E-RIHS, this workshop will aim to ensure that future science infrastructure works for archaeologists, whether researchers or practitioners. It will seek the views of archaeologists participating in the workshop on the challenges and opportunities connected with developing an effective European heritage science infrastructure. Is the current infrastructure fit for purpose? Does it provide the tools and the expertise archaeologists need to answer important questions about past lives, livelihoods and landscapes? Are there gaps in provision and how can we fill those gaps? What barriers currently exist in fostering collaboration and how can they be overcome?

Integrating Platforms for the European Research Infrastructure ON Heritage Science (IPERION HS, <http://www.iperionhs.eu/>) is a new initiative funded by the European Commission as part of the Horizon 2020 programme building on the success of the previous IPERION CH project. It seeks to develop a pan-European distributed and connected infrastructure made up of research facilities situated across Europe and beyond. It brings together researchers in humanities and sciences fostering a culture of exchange and cooperation. The core activity of IPERION HS is to provide access to researchers from different disciplines, including heritage and conservation sciences, archaeology, palaeoanthropology, to scientific instruments, data, tools and expert knowledge outside of their core area of expertise so that they can develop their competence and advance the understanding and conservation of cultural heritage from artefacts to archaeological sites and landscapes.

The future European Research Infrastructure for Heritage Science (E-RIHS; <http://www.e-rihs.eu>) will capitalize on the developments of IPERION HS and its predecessor projects pursuing the integration of European world-class facilities to create a cohesive entity playing a connecting role in the global community of heritage science.

343 METALS AND METALWORKING IN THE BORDERLANDS

Room: Building A, room 39
Time: 8:30 - 18:30
Theme: 4. Polis, Empire, League and Beyond – Living in Interconnected Societies
Format: Regular session
Organisers: Saage, Ragnar (University of Tartu) - Wärmländer, Sebastian (Stockholm University) - Neiß, Michael (Uppsala University) - Kurisoo, Tuuli (Tallinn University)

PAPERS

- 8:30 INTRODUCTION**
- 8:45 METALS AND SOCIETY - THE INFLUENCE OF NEW MATERIALS ON SETTLEMENT STRUCTURE IN MARGINAL ZONES**
 Mino, Martin - Fratričová, Monika (Monument Board of Slovak Republic) - Zachar, Tomáš (Archäologisches Museum Frankfurt)
- 9:00 MULTIMETALITY BEYOND THE IRON AGE CENTRAL-PLACE CRAFT MILIEUS – METAL USE IN THE BORDERLANDS**
 Svensson, Andreas (Lund University)
- 9:15 DISCUSSION SLOT**
- 9:30 IRON FOR THE KNIGHTS – THE TEUTONIC ORDER CASTLE SMITHY IN TARVASTU**
 Saage, Ragnar - Oks, Kristo (University of Tartu)
- 9:45 WHAT IS IT ABOUT METAL OBJECTS? IRON AND COPPER ALLOYS IN THE LATE MEDIEVAL CASTLE OF LORCA (SPAIN)**
 Molina-Campuzano, María Isabel (University of Murcia)
- 10:00 A PRE-VIKING AGE IRON PLATE FOR WIRE-DRAWING FROM A WORKSHOP IN OLD UPPSALA, SWEDEN**
 Wärmländer, Sebastian (Department of Archaeology and Classical Studies, Stockholm University; UCLA/Getty Conservation Programme, Cotsen Institute of Archaeology, UCLA)
- 10:15 DISCUSSION SLOT**
- 11:00 ABI'EL COINS – LOCAL VARIATIONS ON A SUPRA-REGIONAL TRADITION**
 Van Ham-Meert, Alicia (Earth and Environmental Sciences, KU Leuven) - Overlaet, Bruno (Royal Museum for Art and History, Brussels) - Yousif, Eisa - Jasim, Sabah (Sharjah Archaeology Authority)

- 11:15 METAL HORSE TACKS FROM THE HUNNIC-PERIOD CARPATHIAN BASIN AND THEIR CLASSIFICATION BY MEANS OF ARCHAOMETRIC ANALYSES**
 Piros, Réka (Department of Archaeology, University of Szeged) - Mozgai, Viktória - Bajnóczy, Bernadett (Institute for Geological and Geochemical Research, Research Centre for Astronomy and Earth Sciences, Eötvös Loránd Research Network - ELKH)
- 11:30 PRECIOUS METALWORK IN THE BORDERLANDS OF THE AVAR EMPIRE (LATE 6TH-EARLY 9TH CENTURY AD): PRODUCTION, DISTRIBUTION AND CULTURAL-HISTORICAL INTERPRETATION**
 Bühler, Birgit (Vienna Institute for Archaeological Science - VIAS, University of Vienna)
- 11:45 DISCUSSION SLOT**
- 12:00 PRODUCTION AND DISTRIBUTION OF RELIGIOUS AMULETS IN DENMARK AROUND 1100. THE CHURCH AS INITIATOR AND KEY AGENT?**
 Søvsø, Mette (Museum of Southwest Jutland)
- 12:15 SCANDINAVIAN BRACTEATES AND ROMAN BORDERLANDS: EMBRACING AND ADAPTING FOREIGN TECHNIQUES**
 Wicker, Nancy (University of Mississippi)
- 12:30 A PILOT STUDY OF THE WORKSHOP AREAS IN ESTONIA**
 Kurisoo, Tuuli (Tallinn University) - Saage, Ragnar (University of Tartu)
- 12:45 DISCUSSION SLOT**
- 14:00 RE-WRITING ANCIENT NARRATIVES THROUGH USE-WEAR ANALYSIS - A CASE STUDY FROM A VIKING AGE BOAT GRAVE**
 Neiß, Michael (Uppsala University, Department of Archaeology & Ancient History)
- 14:15 BEYOND BORDERS: MARGINS IN EARLY IRON AGE SOCIETY**
 Murray, Matthew (University of Mississippi)
- 14:30 THE MINES OF DACIA – ENVIRONMENTAL EVIDENCE OF METAL SMELTING ACTIVITIES BEFORE, DURING, AND POST ROMAN PERIOD**
 Veres, Daniel (Romanian Academy, Institute of Speleology) - Tamas, Calin (Faculty of Biology and Geology, University Babeş Bolyai; Romanian Academy, Institute of Speleology) - Haliuc, Aritina (Romanian Academy, Institute of Speleology) - Longman, Jack (Marine Isotope Geochemistry, Institute for Chemistry and Biology of the Marine Environment - ICBM, University of Oldenburg; Romanian Academy, Institute of Speleology) - Develle, Anne-Lise (Université Savoie Mont Blanc, CNRS, EDYTEM) - Gogaltan, Florin (Institutul de Arheologie al Academiei; Romanian Academy, Institute of Speleology)
- 14:45 DISCUSSION SLOT**

15:00 AZOTOS PARALIOS, A LATE ANTIQUITY CITY, ITS STRUCTURES AND PEOPLE – THROUGH A METAL LENS

Mazis, Matasha (Technical University Darmstadt) - Fantalkin, Alexander (Tel Aviv University)

15:15 GERMANIC VERSUS ROMAN COPPER ALLOYS BEYOND THE DANUBIAN LIMES – ELEMENTAL COMPOSITION OF SELECTED SMALL FINDS OF THE ROMAN PERIOD

Komoróczy, Balázs - Kmošek, Matěj - Vlach, Marek - Kmošková, Michaela (Institute of Archaeology of the Czech Academy of Sciences, Brno)

15:30 A METALWORKER'S BURIAL FROM THE MIDDLE BRONZE AGE, KAJÁSZÓ, HUNGARY

Kovács, Ágnes (King St. Stephen Museum, Székesfehérvár)

15:45 DISCUSSION SLOT

16:30 METALLURGY WITHOUT A METALLURGIST. THE BIOGRAPHY OF AN ARROWHEAD FROM NE POLAND

Maciejewski, Marcin (Institute of Archaeology Maria Curie-Skłodowska University) - Szczepański, Łukasz (Ostróda Museum) - Tracz, Michał (Medical University of Lublin) - Fejfer, Mariusz (Biskupin Archaeological Museum) - Osipowicz, Grzegorz (Institute of Archaeology Nicolaus Copernicus University) - Gan, Paweł (Institute of Archaeology and Ethnology, Polish Academy of Sciences)

16:45 ON THE BORDER OF THE EARLY METAL WORLD? ENEOLITHIC METALLURGY IN THE MIDDLE WARTA BASIN

Strózyk, Mateusz (Archaeological Museum in Poznań) - Żurkiewicz, Danuta - Szmyt, Marzena (Adam Mickiewicz University in Poznań; Archaeological Museum in Poznań) - Siłska, Patrycja (Archaeological Museum in Poznań) - Garbacz-Klempk, Aldona (AGH University of Science and Technology in Cracow)

17:00 METALLURGY AT A CULTURAL CROSSROAD: RE-INVESTIGATING SIGNS OF USE AND PRODUCTION OF METALS IN THE LATE BRONZE LEVELS OF TARSUS-GÖZLÜKÜLE

Koumari, Marta (Bogazici University)

17:15 METALLURGY IN THE LUSATIAN URNFIELD CULTURE. THE INFLUENCE OF WATERCOURSES

Nowak, Kamil (Institute of Archaeology Nicolaus Copernicus University in Toruń)

17:30 DISCUSSION SLOT

POSTERS

- A. MARZABOTTO ON ITS OWN? ARCHAEOMETALLURGICAL INVESTIGATION OF COPPER BASED FINDS FROM ETRUSCAN TOWN OF MARZABOTTO (IT)**
Kmošek, Matej - Kysela, Jan (Institute of Classical Archaeology, Faculty of Arts, Charles University in Prague) - Gaucchi, Andrea (Etruscology and Italic antiquities, Department of History and Cultures, University of Bologna)
- B. PRECIOUS METALS FROM AUGUSTA RAURICA - ARCHAEOLOGICAL AND ARCHAOMETRICAL INVESTIGATIONS USING NON-INVASIVE X-RAYS**
Megatli-Niebel, Isabel (Universität zu Köln; Augusta Raurica)

346 BRINGING ROMAN COARSE WARE TO THE POINT: THE CHALLENGE OF A COMMON APPROACH

Room: Main building, room 138

Time: 8:30 - 10:30

Theme: 4. Polis, Empire, League and Beyond – Living in Interconnected Societies

Format: Regular session

Organisers: Venditti, Caterina - Taloni, Maria (Ministry of Culture, Italy) - Froehlich, Thomas (German Archaeological Institute) - Polito, Eugenio (University of Casinum and Southern Latium)



PAPERS

8:30 ROMAN COARSE WARES IN FABRATERIA NOVA. AN ATTEMPT OF CLASSIFICATION

Venditti, Caterina Paola (Ministry of culture - Directorate general for Education, research and cultural institutes) - Taloni, Maria (Ministry of culture - Directorate general for Education, research and cultural institutes)

8:45 ROMAN COARSE WARE FROM AN ARCHEOLOGICAL AREA NEAR MILVIO BRIDGE. VIA CAPOPRATI (ROME)

Ciarrocchi, Barbara (MiC)

9:00 THE USE OF DEEP LEARNING ALGORITHMS FOR THE STUDY OF ROMAN POTTERY FABRICS (FABRICAI)

Willems, Sonja (Royal museums of Art and History, Brussels/Université Catholique de Louvain) - Chaidron, Cyrille (Université de Picardie Jules Verne; Artéka; Arkéocéra) - Borgers, Barbara (Universität Wien)

9:15 DISCUSSION SLOT

- 9:30 COARSE AND ROUGH AND IRRITATING: COARSE WARE OF DOLENJSKA**
Stemberger Flegar, Kaja (PJP d.o.o.) - Kovačič, Ana (Independent researcher)
- 9:45 POTTERY TRADITION IN THE NORTHWEST OF THE IBERIAN PENINSULA. TIMES OF CHANGE DURING THE ROMAN EMPIRE**
Hernández-Tórtoles, Alicia - Romero-Perona, Damian (Spanish National Research Council)
- 10:00 COARSE WARE'S STRATIGRAFICAL EVOLUTION IN THE WESTERN ATLANTIC SHORE OF HISPANIA (V-VI C. AD): THE CASE OF ALMOÍNHAS (LOURES, LISBON)**
Quaresma, José Carlos - Lopes, Martim (Universidade Nova de Lisboa)
- 10:15 DISCUSSION SLOT**

POSTERS

- A. INVESTIGATING ROMAN COARSE WARES IN NORTHERN ITALY: METHODS AND FIRST RESULTS FROM THE CASE STUDY OF AQUILEIA**
Riccatò, Anna (Università degli Studi di Padova)

354 'HIDDEN HILLFORTS'. THE IMPORTANCE OF ARCHIVAL SOURCES FOR THE FUTURE STUDY OF FORTIFICATIONS

Room: Main building, room 137

Time: 8:30 - 13:00

Theme: 1. Archaeologists and Archaeology Here and Now

Format: Regular session

Organisers: Ibsen, Timo (Centre for Baltic and Scandinavian Archaeology Schleswig) - Podėnas, Vytenis (Lithuanian Institute of History, Vilnius) - Schneeweiß, Jens (Centre for Baltic and Scandinavian Archaeology Schleswig; ROOTS Cluster of Excellence, University of Kiel)

Session related to the COMFORT (EAA Community of fortification research).

PAPERS

- 8:30 INTRODUCTION**
- 8:45 A CENTURY OF DATING BACK AND FORTH. THE TORNOW-KLENICA AFFAIR IN THE CONTEXT OF GERMAN-POLISH ARCHAEOLOGY AND POLITICS**
Reichenbach, Karin (Leibniz-Institute for the History and Culture of Eastern Europe - GWZO)

- 9:00 HOW VERIFICATION LEADS TO DISCOVERY – FOUR NEW EARLY IRON AGE HILLFORTS IN DYLEWO HILLS LANDSCAPE PARK (NORTH-EAST POLAND)**
Solecki, Rafal - Welc, Fabian - Rabiega, Kamil (Cardinal Stefan Wyszyński University in Warsaw)
- 9:15 WHEN THERE'S NOTHING ELSE: SPATIAL ANALYSIS OF KIVUTKALNS HILLFORT INHABITATION THROUGH EXCAVATION JOURNALS**
Visocka, Vanda (University of Latvia)
- 9:30 HILL FORTS OR NOT? SITES WITH TOPONYMIC OR FOLKLORIC BUT MISSING ARCHAEOLOGICAL EVIDENCE**
Valk, Heiki - Vindi, Andres (University of Tartu)
- 9:45 THE POTENTIAL AND CHALLENGES OF SPATIAL ANALYSIS BASED ON ARCHIVAL SOURCES: BRONZE AGE - ROMAN PERIOD HILLFORTS IN LITHUANIA**
Podėnas, Vytenis (Lithuanian Institute of History)
- 10:00 APUOLĖ HILLFORT COMPLEX: POSSIBILITIES OF RE-EVALUATION OF RESEARCH DATA**
Zabiela, Gintautas (Association of Lithuanian Archaeology)
- 10:15 DISCUSSION SLOT**
- 11:00 HILLFORTS REVISITED: INTEGRATING LEGACY DATA INTO A MODERN ARCHAEOBOTANICAL RESEARCH**
Minkevicius, Karolis (Vilnius University Department of Archaeology)
- 11:15 THE HILLFORT OF CAPOTE (EXTREMADURA, SW SPAIN). A MISUNDERSTOOD FORTRESS AMONG THE CELTIBERIANS OF THE IRON AGE**
Berrocal-Rangel, Luis (Department of Prehistory and Archaeology, Autonomous University of Madrid) - Ruano, Lucía (University Complutense of Madrid) - Paniego, Pablo (Consejo Superior de Investigaciones Científicas - Instituto de Arqueología de Mérida) - Sánchez de Oro, Pablo (Universidad Autónoma de Madrid)
- 11:30 REVEALING FORGOTTEN HILLFORTS - ARCHIVAL SOURCES OF EASTERN PRUSSIA'S GERMAN RESEARCH HISTORY ON PREHISTORIC FORTIFICATIONS**
Ibsen, Timo (Zentrum für Baltische und Skandinavische Archäologie)
- 11:45 BUDEČ STRONGHOLD: THE POTENTIAL OF ARCHIVAL SOURCES FOR THE FUTURE STUDY OF A "WELL-KNOWN" ARCHEOLOGICAL SITE**
Tomanova, Pavla (Institute of Archaeology of the CAS)
- 12:00 EARLY AND HIGH MEDIEVAL FORTIFICATIONS IN THE HANNOVER AREA**
Messal, Sebastian (Lower Saxony Heritage Agency)

12:15 THE "LATVIJAS PILSKALNI" PROJECT AND E. BRASTINŠ LEGACY. ON THE WAY TO THE OPEN-ACCESS DATABASE OF THE BALTIC REGION HILLFORTS.

Shiroukhov, Roman (Centre for Baltic and Scandinavian Archaeology - ZBSA) - Kalniņš, Gatis (Latvijas Pilskalni - Latvian Hillforts - Project Director)

12:30 DISCUSSION SLOT

358 CAN YOU SEE ME? PUTTING THE 'HUMAN' BACK INTO 'HUMAN-PLANT INTERACTIONS'



Room: Building R, room E151

Time: 8:30 - 15:30

Theme: 5. Climate Change and Socioenvironmental Perspectives

Format: Regular session

Organisers: Martin Seijo, Maria (Universidad de Cantabria) - Mooney, Dawn Elise (University of Stavanger) - Berihuete Azorín, Marian (IPHES-Catalan Institute for Human Palaeoecology and Social Evolution) - Ciampagna, María Laura (CONICET-Universidad Nacional de la Plata)

PAPERS

8:30 INTRODUCTION

8:45 PERCEPTIONS AND PRACTICES, AN OVERALL STUDY OF THE HUNTER-GATHERERS FROM PATAGONIA ARGENTINA AND PLANT INTERACTION

Ciampagna, María (CONICET-Facultad de Ciencias Naturales. Universidad Nacional de La Plata)

9:00 FROM THE ARCHIPELAGO TO THE STEPPE IN CENTRAL-WEST PATAGONIA: PLANTS AND HUNTER-GATHERERS IN THE AISÉN REGION, CHILE

Belmar, Carolina (University of Chile) - Méndez, César - Nuevo-Delau-nay, Amalia (CIEP) - Reyes, Omar (Univeristy of Magallanes; CIEP) - Farias, Ivonne - Gómez Díaz-Tendero, Macarena - Gutiérrez, Valentina (Fondecyt 11180388)

9:15 WOOD FOR WEAPONS: CAN WE SEE CHILDREN IN SCALED ORGANIC HUNTING TOOLS?

Milks, Annemieke (University of Reading, Department of Archaeology) - Lew-Levy, Sheina (Max Planck Institute for Evolutionary Anthro-pology)

9:30 LATE MESOLITHIC BIRCH BARK LAYERS FROM OSTEEL, GERMANY - A PLACE TO 'SIT AND WATCH' OR TO 'STORE AND HIDE'?

Mahlstedt, Svea - Siegmüller, Annette - Wolters, Steffen (Lower Saxony Insitute for Historical Coastal Research - NIHK)

9:45 SEEDS FROM DIFFERENT PERSPECTIVES: INTERPRETING PLANT REMAINS FOUND IN SPECIAL CONTEXT FROM LATE NEOLITHIC HUNGARY

Mervel, Máté (Eötvös Loránd University, Institute of Archaeological Sciences, Budapest)

10:00 CORDAGE EXPERIMENTAL PRODUCTION. EARLY NEOLITHIC (5324-4977 CAL BC) RAW MATERIALS AND TECHNIQUES USED IN LA DRAGA (GIRONA, SPAIN)

Herrero-Otal, Maria - Romero-Brugués, Susagna - Piqué Huerta, Raquel (Autonomous University of Barcelona) - Homs, Anna (Independent researcher) - Palomo, Antoni (Museu d'Arqueologia de Catalunya)

10:15 DISCUSSION SLOT

11:00 ASSESSING THE ROLE OF WOODEN VESSELS, BASKETRY, AND POTTERY AT THE EARLY NEOLITHIC SITE OF LA DRAGA (BANYOLES, SPAIN)

Bertin, Ingrid (Departament de Prehistòria - Universitat Autònoma de Barcelona; CEPAM - Université Côte d'Azur; ESR ChemArch Network) - Romero-Brugués, Susagna - Tzerpou, Evdoxia - Morera, Núria - Piqué, Raquel (Departament de Prehistòria - Universitat Autònoma de Bar-celona)

11:15 FINDING HUMAN AGENCY IN THE 0.5MM ARCHAEOBOTANICAL FRACTION

von Baeyer, Madelynn (Max Planck Institute for the Science of Human History)

11:30 HANDS, TOOLS, AND SKILLS: INTERPRETING ARCHAEOLOGICAL PLANT-BASED CRAFTS FROM THE PERSPECTIVE OF ARTISANS

Martin Seijo, Maria (Universidad de Cantabria)

11:45 DISCUSSION SLOT

12:00 HUMAN-ENVIRONMENTAL INTERACTIONS IN THE MIDDLE SURA RIVER REGION (RUSSIA) IN THE EARLY IRON AGE AND THE EARLY MIDDLE AGES

Salova, Julia (-) - Vyazov, Leonid (-) - Ponomarenko, Elena (University of Ottawa) - Ershova, Ekaterina (-) - Utiagulova, Rimma (-) - Myasnikov, Nikolai (-)

- 12:15 HUMAN AGENCY FOR WOOD FUELING THROUGH THE ANDALUSIAN WRITTEN SOURCES AND ARCHAEOBIOLOGY**
Celma Martínez, Mireia - Hernández Robles, Alicia - Eiroa Rodríguez, Jorge A. (University of Murcia)
- 12:30 WOOD UTILISATION STRATEGIES IN THE NORTH ATLANTIC (870-1500 AD)**
Guðmundsdóttir, Lísabet (Institute of Archaeology Iceland; University of Iceland)
- 12:45 DISCUSSION SLOT**
- 14:00 CHOOSE YOUR OWN ADVENTURE: USING MICROBOTANICAL ASSEMBLAGES TO INTERPRET HUMAN-PLANT RELATIONSHIPS AND CHOICES IN PICTLAND**
Prado, Shalen (McMaster University)
- 14:15 ENVIRONMENTAL RESOURCES MANAGEMENT AND COMMONS: CRITICAL CONSIDERATIONS ON THE FIRST RESULTS OF ARCHAEOBOTANICAL INVESTIGATIONS AT PORT DE ROUET (LLO, FRANCE)**
Santeramo, Riccardo - Menozzi, Bruna (Università degli Studi di Genova) - Rendu, Christine (FRAMESPA Université Toulouse Jean Jaurès) - Moneta, Valentina - Molinari, Chiara - Stagno, Anna - Bizzarri, Giulia (Università degli Studi di Genova)
- 14:30 MILLENNIAL TREES AND DECIDUOUS HUMANS. DIFFERENT ECO-GEOGRAPHIES BUT SAME STORIES: A COMPARISON BETWEEN ARBOREAL BIOCULTURAL HERITAGE IN SICILY AND MOZAMBIQUE**
Ferrara, Vincenza (Department of Archaeology and Ancient History, Uppsala University; Department of Human Geography, Stockholm University) - Gota, Pascoal (Department of Archaeology and Ancient History, Uppsala University)
- 14:45 DISCUSSION SLOT**

POSTERS

- A. PLANTS IN BURIALS: THE ROMAN IRON AGE ĪLES MEŽS BARROW CEMETERY (SOUTHERN LATVIA)**
Guscika, Elina - Stivrins, Normunds (University of Latvia, Institute of Latvian History)

359 BORDERLANDS, INTERACTION ZONES, AND BOUNDED SPACES IN THE PREHISTORIC EASTERN MEDITERRANEAN: INTERDISCIPLINARY STUDIES IN THE RECONSTRUCTION OF CONNECTIVITY

- Room:** Building C, room 278
Time: 8:30 - 15:30
Theme: 2. [Re]integration
Format: Regular session
Organisers: Menelaou, Sergios (Archaeological Research Unit, University of Cyprus) - Oğuzhanoğlu, Umay (Department of Archaeology, Pamukkale University) - Kouka, Ourania (Archaeological Research Unit, University of Cyprus)

PAPERS

- 8:30 RETHINKING PREHISTORIC BORDERS, CHALLENGING MODERN NARRATIVES: ISLANDNESS, SENSE OF PLACE, AND CONNECTIVITY IN THE EAST AEGEAN INTERFACE**
Menelaou, Sergios (University of Cyprus)
- 8:45 RINGS OF THE SAME CHAIN? RECONSTRUCTING CULTURAL IDENTITIES IN THE MARITIME LANDSCAPES OF THE EAST AEGEAN ISLANDS AND WESTERN ANATOLIA**
Kouka, Ourania (University of Cyprus)
- 9:00 A NODE BETWEEN THE MEDITERRANEAN AND THE AEGEAN: SOUTHWEST ANATOLIA IN EARLY AND MIDDLE BRONZE AGES**
Oguzhanoglu, Umay (Pamukkale University)
- 9:15 DISCUSSION SLOT**
- 9:30 AEGEAN-ANATOLIAN CULTURAL FUSION: DYNAMIC PATTERNS OF CONNECTIVITY, TECHNOLOGY TRANSFER AND APPROPRIATION AT ÇEŞME – BAĞLARARASI DURING THE MBA/LBA TRANSITION**
Sahoglu, Vasif (Ankara University) - Kiriatzki, Evangelia (British School at Athens) - Goodmann-Tchernov, Beverly (University of Haifa) - Çayır, Ümit (Sivas Cumhuriyet University) - Gündoğan, Ümit (Batman University) - Vettters, Melissa (University of Salzburg) - Choleva, Maria (British School at Athens) - Maltas, Tom (University of Oxford) - İncirlii, Mustafa (Ankara University)
- 9:45 WESTERN ANATOLIA DURING THE LATE BRONZE AGE: A CULTURAL LANDSCAPE ON THE SEARCH FOR IDENTITY**
Pieniżek, Magda (Universität Tübingen, Institut UFG)

- 10:00 COASTAL AND INLAND WESTERN ANATOLIA DURING THE LATE BRONZE AGE: BORDERED OR CONNECTED?**
Köknar, Nuray Nisan (University of Cyprus-Mediterranean Archaeology)
- 10:15 DISCUSSION SLOT**
- 11:00 GRAVE NEW WORLD – COMPETITION, STATUS NEGOTIATION AND CONTROL IN THE LATE BRONZE AGE EAST AEGEAN-WEST ANATOLIAN BURIAL PRACTICES**
Frankovic, Filip (Institute for Prehistory, Protohistory and Near Eastern Archaeology, Heidelberg)
- 11:15 CHANGING VALUE OF SYRO-ANATOLIAN OBJECTS ACROSS TIME AND SPACE**
Denel, Elif (American Research Institute in Turkey)
- 11:30 DISCUSSION SLOT**
- 11:45 THE CREATIVE CULTURAL NEXUS OF KEROS**
Boyd, Michael (University of Cambridge, McDonald Institute for Archaeological Research; Science and Technology in Archaeology and Culture Research Center, The Cyprus Institute) - Renfrew, Colin (McDonald Institute for Archaeological Research, University of Cambridge) - Legaki, Irini (Ephorate of Antiquities of Cyclades) - Margaritis, Evi (Science and Technology in Archaeology and Culture Research Center, The Cyprus Institute) - Gavalas, Giorgos (Ephorate of Antiquities of Cyclades) - Moutafi, Ioanna (Malcolm H. Wiener Laboratory for Archaeological Science, American School of Classical Studies at Athens) - Georgakopoulou, Myrto (Science and Technology in Archaeology and Culture Research Center, The Cyprus Institute) - Gkouma, Myrsini (Science and Technology in Archaeology and Culture Research Center, The Cyprus Institute; Malcolm H. Wiener Laboratory for Archaeological Science, American School of Classical Studies at Athens; Faculty of History and Archaeology, National and Kapodistri-an University of Athens) - Krijnen, Ayla (Vrije Universiteit Amsterdam, Department of Art & Culture, History, and Antiquity) - Floquet, Marie (Centre Camille Jullian, Aix-Marseille Université)
- 12:00 BEYOND TECHNOLOGICAL TRANSFER AND LOCAL IDENTITY: ARCHITECTURAL, PROTO-URBAN, AND SOCIAL INNOVATION AT THE EARLY BRONZE AGE SETTLEMENT OF DHASKALIO (CYCLADES).**
Floquet, Marie (Centre Camille Jullian; Aix-Marseille Université) - Boyd, Michael (McDonald Institute for Archaeological Research; University of Cambridge) - Renfrew, Colin (McDonald Institute for Archaeolog-

ical Research; University of Cambridge) - Herbst, James (American School of Classical Studies at Athens)

- 12:15 CERAMIC EVIDENCE FOR AN INTERCONNECTED WORLD: THE KASTRI ASSEMBLAGE FROM THE NEW EXCAVATIONS AT DHASKALIO**
Dimitriou, Vasiliki (Department of Antiquities, University of Rome I) - Krijnen, Ayla (Vrije Universiteit Amsterdam, Department of Art and Culture, History and Antiquity) - Boyd, Michael (McDonald Institute for Archaeological Research, University of Cambridge; Science and Technology in Archaeology and Culture Research Center, The Cyprus Institute) - Renfrew, Colin (McDonald Institute for Archaeological Research, University of Cambridge)
- 12:30 A NORTHERN POWERHOUSE: CERAMIC EVIDENCE FOR TECHNOLOGICAL AND SOCIAL TRANSFORMATION IN EARLY BRONZE AGE ATTICA, GREECE**
Tsai, Che-Hsien (Department of Archaeology, University of Sheffield) - Kaza-Papageorgiou, Konstantina (Hellenic Ministry of Culture) - Hein, Anno (Institute of Nanoscience and Nanotechnology, N.C.S.R. "Demokritos") - Madrid i Fernández, Marisol (Cultura Material i Arqueometria UB (ARQUB, GRACPE), Departament d'Història i Arqueologia, Universitat de Barcelona) - Day, Peter (Department of Archaeology, University of Sheffield; Institute of Nanoscience and Nanotechnology, N.C.S.R. "Demokritos")
- 12:45 DISCUSSION SLOT**
- 14:00 AT THE CROSS-ROAD BETWEEN MINOANS AND MYCENAEANS: THE RCT TABLETS FROM KNOSSOS AS A MODEL OF CULTURAL INTERACTION**
Pierini, Rachele (University of Copenhagen)
- 14:15 THE CHALLENGES OF USING DIGITAL TECHNOLOGIES FOR UNDERSTANDING ANCIENT NETWORKS IN THE LYBIAN SEA: THE PERAIA PROJECT EXPERIENCE**
Laguna-Palma, David (Department of Prehistory and Archaeology, University of Granada)
- 14:30 DISCUSSION SLOT**
- POSTERS**
- A. THE HANDMADE BURNISHED WARE PHENOMENON AND ITS CRETAN CONNECTION: A CERAMIC TECHNOLOGICAL APPROACH AT LATE MYCENAEAN CHANIA**
Fouriki, Stavroula (University of Sheffield)

- B. STRUCTURES OF LIFE AND DEATH THROUGH SPATIAL PLANNING AND BURIAL PRACTICES IN VOULA, ATTICA (GREECE)**
Christakopoulou, Olga - Giamalidi, Maria (Hellenic Ministry of Culture and Sports)

362 BALKAN ARCHAEOLOGY AS A LABORATORY: CHALLENGING OLD PARADIGMS AND EXPERIMENTING WITH NEW ONES

- Room:** Building R, room E245
Time: 14:00 - 18:30
Theme: 6. A Decade after the 'Third Science Revolution in Archaeology'
Format: Regular session
Organisers: Heilmann, Daniela (LMU Munich) - Gori, Maja (Consiglio nazionale delle ricerche) - Penezić, Kristina (Biosense institute, University of Novi Sad)

PAPERS

- 14:00 THE FUTURE OF THE PAST: BALKAN ARCHAEOLOGY AS A LABORATORY**
Heilmann, Daniela (LMU Munich) - Gori, Maja (Consiglio nazionale delle ricerche) - Penezić, Kristina (Biosense institute, University of Novi Sad)
- 14:15 PLUS ÇA CHANGE? BALKAN ARCHAEOLOGY IN SEARCH OF IDENTITY**
Babic, Staša (Dept. of Archaeology, Faculty of Philosophy)
- 14:30 TYPOLOGY VS. TECHNOLOGY: THEORETICAL AND METHODOLOGICAL FRAMEWORKS FOR STUDYING TOOLS IN SERBIAN PREHISTORIC ARCHAEOLOGY**
Vitezovic, Selena (Institute of Archaeology, Belgrade)
- 14:45 IMPRESSA SHEEP: UNRAVELING OF EXPLOITATION OF CAPRINES DURING THE EARLY NEOLITHIC IN DALMATIA THROUGH PEPTIDE FINGERPRINTING**
Sierra, Alejandro (AASPE «Archéozoologie, Archéobotanique: Sociétés, Pratiques, Environnements» UMR 7209 CNRS MNHN) - Radovic, Sinisa (Croatian Academy of Sciences and Arts, Institute for Quaternary Palaeontology and Geology) - Presslee, Samantha (BioArCh, Dept of Archaeology, Environment Building, University of York; Department of Chemistry, University of York)
- 15:00 THE EARLY NEOLITHIC SETTLEMENT IN NORTHERN BANAT – THE SITES BUCOVA PUSTA IV AND MOVILA LUI DECIOV**
Krauss, Raiko (Institut für Ur- und Frühgeschichte und Archäologie, es Mittelalters) - Ciobotaru, Dan (Museum of the Banat, Timisoara)

- 15:15 EVALUATING THE IMPACT OF CHRONOMETRIC UNCERTAINTY IN DETECTING CHALCOLITHIC DISPERSALS IN EASTERN BALKANS AND LOWER DANUBE BASIN**
Popescu, Gabriel - Covătaru, Cristina - Lazăr, Cătălin (Research Institute of the University of Bucharest)

15:30 DISCUSSION SLOT

16:30 MULTI-ISOTOPIC ($\Delta^{13}C$, $\Delta^{15}N$) APPROACH TO THE LIFE IN THE CHALCOLITHIC SITE OF GUMELNIȚA (ROMANIA)

García-Vázquez, Ana (ArchaeoSciences Division, Research Institute of the University of Bucharest - ICUB) - Balasescu, Adrian - Vasile, Gabriel - Golea, Mihaela ("Vasile Pârvan" Institute of Archaeology, Romanian Academy, Bucharest) - Radu, Valentin (ArchaeoSciences Division, Research Institute of the University of Bucharest - ICUB; National Museum of Romanian History, Bucharest) - Lazar, Catalin (ArchaeoSciences Division, Research Institute of the University of Bucharest - ICUB)

16:45 AN UNUSUAL ENEOLITHIC TRIPLE BURIAL FROM LOVAS, EASTERN CROATIA: ARCHAEOLOGICAL AND BIOARCHAEOLOGICAL ASPECTS

Novak, Mario (Centre for Applied Bioanthropology, Institute for Anthropological Research, Croatia) - Franković, Filip (Institute of Prehistory, Protohistory and Near-Eastern Archaeology, Heidelberg) - Đukić, Ana (Archaeological Museum in Zagreb)

17:00 "WHAT DO YOU MEAN BY MIGRATION?" POSSIBLE ANSWERS AND WORKABLE MODELS FOR THE 3RD MILLENNIUM BC IN THE WESTERN BALKANS

Gori, Maja (National Research Council of Italy)

17:15 THE RUSH FOR WHITE GOLD: BRIQUETAGE FROM THE VELEBIT LITTORAL AND BRONZE AGE SALT PRODUCTION ON THE EASTERN ADRIATIC COAST

Domines Peter, Pio (Department of Archaeology, University of Zadar)

17:30 DAUNIAN GEOMETRIC POTTERY IN EASTERN ADRIATIC NETWORKS: CONTEXTUAL APPROACHES TO DIFFUSION, APPROPRIATION, AND EMULATION OF PRESTIGE GOODS

Bernardo-Ciddio, Leah (University of Michigan)

17:45 RECONCILING ARCHAEOLOGICAL THEORY WITH DATA: THE CASE OF IRON AGE/ARCHAIC MACEDONIA

Giamakis, Christos (University of Sheffield)

18:00 ASSEMBLING THE PUZZLE - THE HORIZON OF OSTENTATIOUS BURIALS IN THE IRON AGE BALKANS

Heilmann, Daniela (LMU Munich)

18:15 DISCUSSION SLOT

367 AGENT-BASED MODELLING OF SOCIO-ECOLOGICAL SYSTEMS IN ARCHAEOLOGY. TOWARDS A NEW RESEARCH COMMUNITY

Room: Building C, room 328
Time: 16:30 - 18:30
Theme: 6. A Decade after the 'Third Science Revolution in Archaeology'
Format: Regular session
Organisers: Daems, Dries (Middle East Technical University) - Verhagen, Philip (Vrije Universiteit Amsterdam) - Romanowska, Iza (Aarhus Institute of Advanced Studies)

PAPERS

- 16:30 TWO ABM APPROACHES TO THE SPREAD OF THE NEOLITHIC IN THE WESTERN MEDITERRANEAN**
 Fort, Joaquim (Universitat de Girona)
- 16:45 POLISABM: MODELLING URBAN SYSTEMS AND SOCIAL COMPLEXITY IN THE EASTERN MEDITERRANEAN**
 Daems, Dries (Middle East Technical University)
- 17:00 MODELLING HUNTING BEHAVIOR IN ARID LANDSCAPES USING EMPIRICAL DATA ON SAN HUNTER-GATHERER MOVEMENTS AND DECISION-MAKING**
 Cobo Sánchez, Lucía - Paliou, Eleftheria - Lenssen-Erz, Tilman (University of Cologne)
- 17:15 DELINEATING SITE CATCHMENTS WITH AGENT-BASED MODELLING**
 Romanowska, Iza (Aarhus University)
- 17:30 DEVELOPING BEST PRACTICES FOR AN OPEN LIBRARY OF ARCHAEOLOGICAL ABM MODULES: LESSONS LEARNED FROM OTHER INITIATIVES**
 Angourakis, Andreas (Institute for Archaeological Studies, Ruhr University Bochum; McDonald Institute for Archaeological Research, University of Cambridge) - Riede, Felix (School of Culture and Society, Aarhus University) - Romanowska, Iza (Aarhus Institute of Advanced Studies, Aarhus University) - Verhagen, Philip (Vrije Universiteit Amsterdam) - Saqalli, Mehdi (GEODE, Université Toulouse II - Jean Jaurès) - Taelman, Devi (Department of History, Archaeology, Arts, Philosophy and Ethics, Vrije Universiteit Brussel) - Vlach, Marek (Institute of Archaeology of the Czech Academy of Sciences) - Sikk, Kaarel (Masaryk University) - Galán Ordax, José Manuel (Universidad de Burgos) - Brughmans, Tom (School of Culture and Society, Aarhus University)

17:45 SUBSISTENCE, SURPLUS AND TRADE ALONG THE LOWER GERMANIC LIMES: MODELLING RURAL-URBAN SOCIO-ECONOMIC INTERACTIONS

Verhagen, Philip (Vrije Universiteit Amsterdam) - Romanowska, Iza (Aarhus Institute of Advanced Studies, Aarhus University)

18:00 MODELLING CHIEFDOM SOCIETIES OF THE MIDDLE DANUBE DURING THE ROMAN PERIOD

Vlach, Marek - Komoróczy, Balázs (Institute of Archaeology of the Academy of Sciences of the Czech Republic Brno)

18:15 DISCUSSION SLOT

371 POPULATION HISTORY AND COMMUNITY FORMATION IN EARLY MEDIEVAL EAST-CENTRAL EUROPE: INTEGRATING GENETIC, ISOTOPIC, ARCHAEOLOGICAL AND HISTORICAL PERSPECTIVES

Room: Building A, room 150
Time: 8:30 - 18:00
Theme: 3. The Carpathian Basin: Integration, Mobility and Diversity
Format: Regular session
Organisers: Vida, Tivadar (Institute of Archaeological Sciences, Eötvös Loránd University, Budapest; Institute of Archaeology, Research Center for Humanities, Eötvös Loránd Research Network, Budapest) - Hofmanová, Zuzana (Max Planck Institute for Evolutionary Anthropology, Leipzig; Department of Archaeology and Museology, Masaryk University, Brno) - Koncz, István (Institute of Archaeological Sciences, ELTE - Eötvös Loránd University, Budapest) - Szécsényi-Nagy, Anna (Institute of Archaeogenomics, Research Centre for the Humanities, Eötvös Loránd Research Network, Budapest) - Knipper, Corina (Curt-Engelhorn-Centre of Archaeometry, Mannheim)

PAPERS

8:30 INTRODUCTION

8:45 INTEGRATIVE ARCHAEOLOGICAL AND ARCHAEOGENOMIC DATABASE FOR STUDYING THE POPULATION HISTORY OF THE HUN PERIOD

Vyazov, Leonid (University of Ostrava) - Flegontov, Pavel (University of Ostrava Harvard University) - Işıldak, Ulaş (University of Ostrava; Middle East Technical University, Ankara) - Flegontova, Olga - Sagmanova, Gulnaz (University of Ostrava)

9:00 Y-CHROMOSOME ANALYSIS OF GOTHS FROM THE MASLOMECZ GROUP CEMETERIES IN SOUTHEASTERN POLAND

Golubinski, Michal - Baca, Mateusz - Molak, Martyna - Popović, Danijela (Centre of New Technologies, University of Warsaw) - Kokowski, Andrzej (Institute of Archeology, Maria Curie-Skłodowska University, Lublin) - Węgleński, Piotr (Centre of New Technologies, University of Warsaw)

9:15 DISCUSSION SLOT

9:30 SNAPSHOT INTO KINSHIP STRUCTURE AND POPULATION HISTORY OF A LATE AVAR-PERIOD COMMUNITY FROM GENOME-WIDE ANALYSES OF THE WHOLE RÁKÓCZIFALVA CEMETERY

Gnecchi Ruscone, Guido Alberto (Max Planck Institute for Evolutionary Anthropology, Leipzig) - Rácz, Zsófia - Samu, Levente (Institute of Archaeological Sciences, Eötvös Loránd University) - Szeniczey, Tamás (Dept of Biological Anthropology, Eötvös Loránd University) - Traverso, Luca (Max Planck Institute for Evolutionary Anthropology, Leipzig) - Schmid, Magda (Kiel University) - Hajdu, Tamás (Dept of Biological Anthropology, Eötvös Loránd University) - Vida, Tivadar (Institute of Archaeological Sciences, Eötvös Loránd University; Institute of Archaeology, Research Centre for the Humanities, Eötvös Loránd Research Network) - Krause, Johannes (Max Planck Institute for Evolutionary Anthropology, Leipzig) - Hofmanová, Zuzana (Max Planck Institute for Evolutionary Anthropology, Leipzig; Department of Archaeology and Museology, Faculty of Arts, Masaryk University)

9:45 KINSHIP RELATIONS AND SPATIAL ORGANIZATION IN A LATE AVAR-PERIOD CEMETERY: ARCHAEOLOGICAL PERSPECTIVES ON THE RÁKÓCZIFALVA SITE (CENTRAL HUNGARY)

Rácz, Zsófia (Institute of Archaeological Sciences, Eötvös Loránd University) - Gnecchi Ruscone, Guido Alberto (Max Planck Institute for Evolutionary Anthropology, Leipzig) - Samu, Levente (Institute of Archaeological Sciences, Eötvös Loránd University) - Szeniczey, Tamás (Department of Biological Anthropology, Eötvös Loránd University) - Traverso, Luca (Max Planck Institute for Evolutionary Anthropology, Leipzig) - Schmid, Magdalena M. E. (Kiel University) - Hajdu, Tamás (Department of Biological Anthropology, Eötvös Loránd University) - Hofmanová, Zuzana (Max Planck Institute for Evolutionary Anthropology, Leipzig; Department of Archaeology and Museology, Faculty of Arts, Masaryk University, Brno) - Krause, Johannes (Max Planck Institute for Evolutionary Anthropology, Leipzig) - Vida, Tivadar (Institute of Archaeological Sciences, Eötvös Loránd University; Institute of Archae-

ology, Research Centre for the Humanities, Eötvös Loránd Research Network, Budapest)

10:00 CHILDHOOD OF THE AVARS AND GEPIDS: RECONSTRUCTING DIET AND WEANING PRACTICES USING STABLE ISOTOPIC ANALYSIS AND MULTIPLE TISSUES

Verostick, Kirsten (Department of Geology and Geophysics, University of Utah, Salt Lake City) - Hajdu, Tamás - Szeniczey, Tamás (Department of Biological Anthropology, Institute of Biology, Faculty of Science, Eötvös Loránd University) - Farkas, Zoltán (Salisbury Ltd., Budaörs) - Dani, János (Déri Museum, Debrecen) - Bernert, Zsolt (Hungarian Natural History Museum, Budapest) - Masek, Zsófia (Institute of Archaeological Sciences, Eötvös Loránd University) - Kovács, Péter (Department of Archaeology, Damjanich János Museum, Szolnok) - Hoppál, Krisztina (MTA-ELTE-SZTE Silk Road Research Group, Eötvös Loránd Research Network) - Rácz, Zsófia (Institute of Archaeological Sciences, Eötvös Loránd University)

10:15 DISCUSSION SLOT

11:00 HOW ARCHAEOLOGY AND ANTHROPOLOGY CAN BUILD ON ADNA ANALYSES OF ENTIRE CEMETERIES

Tobias, Bendeguz (Institute of Medieval Research, Austrian Academy of Sciences) - Berner, Margit - Pany-Kucera, Doris - Eggers, Sabine - Klostermann, Paul - Koger, Robin (Department of Anthropology, Natural History Museum Vienna) - Hofmanova, Zuzana - Wang, Ke (Max Planck Institute for Evolutionary Anthropology Leipzig) - Daim, Falko (Institute for Prehistory and Historic Archaeology - University of Vienna) - Pohl, Walter (Institute of Medieval Research, Austrian Academy of Sciences)

11:15 ANCIENT DNA REVEALS THE SETTLEMENT OF AVAR COMMUNITY IN LOWER AUSTRIA DURING EARLY MEDIEVAL PERIOD

Wang, Ke (Max Planck Institute for Evolutionary Anthropology, Leipzig) - Tobias, Bendeguz (Institute of Medieval Research, Austrian Academy of Sciences, Vienna) - Berner, Margit - Pany-Kucera, Doris (Department of Anthropology, Natural History Museum Vienna) - Ingrová, Pavlína (Department of Archaeology and Museology, Masaryk University, Brno) - Eggers, Sabine (Department of Anthropology, Natural History Museum Vienna) - Daim, Falko (Institute of Medieval Research, Austrian Academy of Sciences, Vienna) - Pohl, Walter (Department of Anthropology, Natural History Museum Vienna) - Krause, Johannes (Max Planck Institute for Evolutionary Anthropology, Leipzig) - Hofmanová, Zuzana (Max Planck Institute for Evolutionary Anthropol-

gy, Leipzig; Department of Archaeology and Museology, Masaryk University, Brno)

11:30 BIOLOGICAL KINSHIP PATTERNS IN AN EARLY MEDIEVAL GRAVEYARD OF THE RHEINLAND AS PART OF THE FRANKISH KINGDOM

Lacher, Laura - Schiffels, Stephan - Gretzinger, Joscha (Max Planck Institute for Evolutionary Anthropology) - Pääffgen, Bernd (Ludwig-Maximilians-Universität München) - Krause, Johannes (Max Planck Institute for Evolutionary Anthropology)

11:45 DISCUSSION SLOT

12:00 POPULATION DYNAMICS AND HISTORY OF SOUTH MORAVIA DURING THE 2ND HALF OF THE 5TH AND THE 6TH CENTURIES AD

Loskotová, Zuzana (Archeologický ústav AV ČR, Brno)

12:15 CONTINUITY AND DISCONTINUITY PRECEDING THE FORMATION OF GREAT MORAVIA IN POHANSKO REGION

Zlámalová, Denisa (Masarykova univerzita) - Schultz, Ilektra (Department of Biology, University of Fribourg; Swiss Institute of Bioinformatics, Lausanne) - Gneccchi-Ruscione, Guido - Traverso, Luca (Max Planck Institute for Evolutionary Anthropology, Leipzig) - Dresler, Petr (Department of Archaeology and Museology, Masaryk University, Brno) - Přichystalová, Renáta - Morris, Sam (UCL Genetics Institute, University College London) - Macháček, Jiří (Department of Archaeology and Museology, Masaryk University, Brno) - Wegmann, Daniel (Department of Biology, University of Fribourg; Swiss Institute of Bioinformatics, Lausanne) - Hofmanová, Zuzana (Department of Archaeology and Museology, Masaryk University, Brno; Max Planck Institute for Evolutionary Anthropology, Leipzig)

12:30 SLAVS OR MAYBE NOT? RADIOCARBON DATING OF CREMATED BONES FROM "PĀUCA - HUNGARIAN CHURCH SITE" (ROMANIA, SIBIU COUNTY)

Tiplic, Ioan Marian (Lucian Blaga University of Sibiu)

12:45 DISCUSSION SLOT

14:00 AN INTEGRATIVE GENETICS APPROACH FOR STUDYING DISEASE IN EARLY MEDIEVAL EUROPE

Hiss, Alina - Gneccchi Ruscone, Guido - Traverso, Luca - Wang, Ke (Max Planck Institute for Evolutionary Anthropology, Leipzig) - Vida, Tivadar (Institute of Archaeological Sciences, Eötvös Loránd University, Budapest; Institute of Archaeology, Research Center for Humanities, Eötvös Loránd Research Network, Budapest) - Pohl, Walter (Institute for Medieval Research, Austrian Academy of Sciences, Vienna; Department of History, University of Vienna) - Geary, Patrick (Institute for Advanced Study, Princeton) - Hofmanová, Zuzana (Max Planck Institute for

Evolutionary Anthropology, Leipzig; Department of Archaeology and Museology, Masaryk University, Brno) - Herbig, Alexander - Krause, Johannes (Max Planck Institute for Evolutionary Anthropology, Leipzig)

14:15 WHAT WAS IT LIKE LIVING WITH LEPROSY IN THE AVAR AGE COMMUNITY OF KISKUNDOROZSMA-KETTŐSHATÁR I (HUNGARY)? - A CASE STUDY

Spekker, Olga (Department of Biological Anthropology, University of Szeged; Institute of Archaeological Sciences, Eötvös Loránd University) - Tihanyi, Balázs (Department of Biological Anthropology, University of Szeged; Department of Archaeogenetics, Institute of Hungarian Research, Budapest) - Kis, Luca (Department of Biological Anthropology, University of Szeged; Department of Archaeogenetics, Institute of Hungarian Research, Budapest) - Szalontai, Csaba (Archaeological Heritage Protection Directorate, Hungarian National Museum, Budapest) - Vida, Tivadar (Institute of Archaeological Sciences, Eötvös Loránd University) - Pálfi, György - Marcsik, Antónia - Molnár, Erika (Department of Biological Anthropology, University of Szeged)

14:30 POSTMARITAL RESIDENCE PRACTICES IN THE AVAR PERIOD EASTERN TRANS-DANUBIA, HUNGARY

Szeniczey, Tamás (Department of Biological Anthropology, Institute of Biology, Faculty of Science, Eötvös Loránd University) - Kiss, Krisztián (Department of Biological Anthropology, Institute of Biology, Faculty of Science, Eötvös Loránd University; Department of Anthropology, Hungarian Natural History Museum) - Líbor, Csilla (Department of Biological Anthropology, Institute of Biology, Faculty of Science, Eötvös Loránd University, Budapest, Hungary; Szent István Király Museum) - Marcsik, Antónia (Department of Biological Anthropology, University of Szeged) - Hajnal, Zsuzsanna (Hungarian National Museum) - Szücsi, Frigyes (Szent István Király Museum) - Rácz, Zsófia (Department of Hungarian Medieval and Early Modern Archaeology, Institute of Archaeological Sciences, Eötvös Loránd University) - Hajdu, Tamás (Department of Biological Anthropology, Institute of Biology, Faculty of Science, Eötvös Loránd University)

14:45 DISCUSSION SLOT

15:00 COMPARATIVE ANALYSES OF SOCIOCULTURAL CHANGES AND GENETIC TRANSITIONS IN THE AVAR PERIOD SOUTHERN-TRANS-DANUBIA

Gyuris, Balázs (Institute of Archaeogenomics, Research Centre for the Humanities, Eötvös Loránd Research Network; Department of Genetics, ELTE-Eötvös Loránd University, Budapest) - Vida, Tivadar (Institute of Archaeological Sciences, Eötvös Loránd University, Budapest; Institute of Archaeology, Research Center for Humanities, Eötvös Loránd Research Network, Budapest) - Hajnal, Zsuzsanna (Hungarian

National Museum) - Szeniczey, Tamás (ELTE Department of Biological Anthropology, ELTE-Eötvös Loránd University, Budapest) - Rácz, Zsófia (Institute of Archaeological Sciences, Eötvös Loránd University, Budapest) - Mende, Balázs G. (Institute of Archaeogenomics, Research Centre for the Humanities, Eötvös Loránd Research Network) - Hofmanová, Zuzana (Department of Archaeology and Museology, Masaryk University, Brno; Max Planck Institute for Evolutionary Anthropology, Leipzig, Germany) - Knipper, Corina (Curt-Engelhorn-Centre of Archaeometry, Mannheim) - Krause, Johannes (Max Planck Institute for Evolutionary Anthropology, Leipzig) - Szécsényi-Nagy, Anna (Institute of Archaeogenomics, Research Centre for the Humanities, Eötvös Loránd Research Network)

15:15 **DIETARY AND CULTURAL DIFFERENCES BETWEEN NEIGHBOURING COMMUNITIES: A CASE STUDY ON THE AVAR PERIOD CARPATHIAN BASIN**
Gulyás, Bence - Faragó, Norbert (ELTE) - Szenthe, Gergely (Hungarian National Museum)

15:30 **THE ISSUE OF CONTINUITY OF POPULATION HISTORY BETWEEN 8-12TH CENTURIES IN CARPATHIAN BASIN BASED ON ARCHAEOGENETIC RESULTS OF FOUR CEMETERIES**

Csáky, Veronika (Institute of Archaeogenomics, Research Centre for the Humanities, Eötvös Loránd Research Network, Budapest) - Szeifert, Bea (Institute of Archaeogenomics, Research Centre for the Humanities, Eötvös Loránd Research Network, Budapest; Doctoral School of Biology, Institute of Biology, ELTE Eötvös Loránd University, Budapest) - Gerber, Dániel (Institute of Archaeogenomics, Research Centre for the Humanities, Eötvös Loránd Research Network, Budapest; Doctoral School of Biology, Institute of Biology, ELTE Eötvös Loránd University, Budapest) - Szőke, Béla (Institute of Archaeology, Research Centre for the Humanities, Eötvös Loránd Research Network, Budapest) - Merva, Szabina (Freelancer) - Évinger, Sándor (Department of Anthropology, Hungarian Natural History Museum, Budapest) - Líbor, Csilla (King St. Stephen Museum, Székesfehérvár) - Petkes, Zsolt (Gyula Siklósi Research Centre for the History of the City of Székesfehérvár) - Mende, Balázs (Institute of Archaeogenomics, Research Centre for the Humanities, Eötvös Loránd Research Network, Budapest; Institute of Archaeology, Research Centre for the Humanities, Eötvös Loránd Research Network, Budapest) - Szécsényi-Nagy, Anna (Institute of Archaeogenomics, Research Centre for the Humanities, Eötvös Loránd Research Network, Budapest)

15:45 **DISCUSSION SLOT**

16:30 **POPULATION DYNAMICS IN THE ODER AND VISTULA BASINS AS INFORMED BY NOVEL GENOME-WIDE DATA**

Molak, Martyna - Golubinski, Michal - Popović, Danijela - Baca, Mateusz - Węgleński, Piotr (University of Warsaw)

16:45 **BIOARCHAEOLOGICAL STUDY OF MEDIEVAL POPULATIONS BETWEEN THE DNIEPER AND DNIESTER VALLEYS**

Szeifert, Bea (Institute of Archaeogenomics, Research Centre for the Humanities, Eötvös Loránd Research Network - ELKH, Budapest; Doctoral School of Biology, Institute of Biology, ELTE Eötvös Loránd University, Budapest) - Gyuris, Balázs (Institute of Archaeogenomics, Research Centre for the Humanities, Eötvös Loránd Research Network - ELKH, Budapest; Doctoral School of Biology, Institute of Biology, ELTE Eötvös Loránd University, Budapest) - Gerber, Dániel (Institute of Archaeogenomics, Research Centre for the Humanities, Eötvös Loránd Research Network - ELKH, Budapest; Doctoral School of Biology, Institute of Biology, ELTE Eötvös Loránd University, Budapest) - Telnov, Nikolaj (Institute of Cultural Heritage, Academy of Sciences of Moldova, Kishinev) - Sinika, Vitalij - Kvitnytskyi, Maksym (Pridnestrovian State University named after T. G. Shevchenko, Tiraspol) - Komar, Oleksii (Institute of Archaeology, National Academy of Sciences of Ukraine, Kyiv) - Türk, Attila (Institute of Archaeological Sciences, Faculty of Humanities and Social Sciences, Pázmány Péter Catholic University, Budapest; Hungarian Prehistory Researchgroup, Research Centre for the Humanities, Eötvös Loránd Research Network - ELKH, Budapest) - Mende, Balázs - Szécsényi-Nagy, Anna (Institute of Archaeogenomics, Research Centre for the Humanities, Eötvös Loránd Research Network - ELKH, Budapest)

17:00 **DIVERSITY, COMMUNITY FORMATION, AND SOCIAL STRUCTURE IN THE EARLY MEDIEVAL CARPATHIAN BASIN – ARE WE THERE YET?**

Szabó, Dóra (University of Exeter)

17:15 **DISCUSSION SLOT**

POSTERS

A. **YOU EAT WHAT YOU HAVE - SOCIAL DIFFERENCE AND FOOD CONSUMPTION IN AN EARLY MEDIEVAL COMMUNITY**

Koncz, István - Faragó, Norbert (Institute of Archaeological Sciences, ELTE - Eötvös Loránd University, Budapest) - Pap, Ildikó (Savaria Museum, Szombathely) - Tugya, Beáta (Thúry György Museum, Nagykanizsa) - Tóth, Gábor (Department of Biology, Berzsenyi Dániel Teacher Training Centre, Savaria University Centre, ELTE - Eötvös Loránd University, Szombathely) - Vida, Tivadar (Institute of Archaeological

Sciences, ELTE - Eötvös Loránd University, Budapest) - Knipper, Corina (Curt-Engelhorn-Zentrum Archäometrie gGmbH, Mannheim)

B. POPULATION HISTORY OF EARLY MEDIEVAL UKRAINE

Saag, Lehti (University College London) - Utevska, Olga - Zadnikov, Stanislav - Shramko, Irina (V. N. Karazin Kharkiv National University) - Scheib, Christiana (University of Tartu; University of Cambridge) - Anastasiadou, Kyriaki - Kelly, Monica - Gilardet, Alexandre - Skoglund, Pontus (The Francis Crick Institute) - Thomas, Mark (University College London)

375 THE SOCIETAL IMPACTS OF CLIMATE CHANGES IN THE PAST – WHAT CAN HUNTER-GATHERER ARCHAEOLOGY CONTRIBUTE TO THE CURRENT DEBATE?



Room: Building A, room 329

Time: 16:30 - 18:30

Theme: 5. Climate Change and Socioenvironmental Perspectives

Format: Session with presentation of 6 slides in 6 minutes

Organisers: Grimm, Sonja (CRC 1266 Scales of Transformation; ZBSA - Centre for Baltic and Scandinavian Archaeology) - Nyland, Astrid (Museum of Archaeology, University of Stavanger) - Riede, Felix (School of Culture and Society, Aarhus University) - Wygal, Brian (Environmental Studies and Sciences, Adelphi University)

PAPERS

16:30 INTRODUCTION

16:36 CONTINUITY AND CHANGE AT THE MESOLITHIC-NEOLITHIC TRANSITION ON THE NORWEGIAN WEST COAST: INSIGHTS GAINED FROM PREHISTORIC DEMOGRAPHY AND CULTURAL EVOLUTION

Lundström, Victor - Bergsvik, Knut (University Museum, University of Bergen)

16:42 RECONCILING LATE PLEISTOCENE ENVIRONMENTAL ARCHAEOLOGY IN ALASKA WITH THE FUTURE OF HUMANITY ON EARTH

Wygal, Brian (Adelphi University, New York)

16:48 DISCUSSION SLOT

17:06 WEATHER-WATER-MESOLITHIC WORLDS

Nyland, Astrid (Museum of Archaeology, University of Stavanger)

17:12 CLIMATE CHANGE AND ENVIRONMENTAL RISK PERCEPTION ON PREHISTORIC COASTAL COMMUNITIES

Fernández-López de Pablo, Javier (I.U. I en Arqueología y Patrimonio Histórico - INAPH, University of Alicante)

17:18 DISCUSSION SLOT

17:24 OUR HUNTER-GATHERER FUTURE? EVALUATING THE EFFICACY OF FORAGER-INSPIRED UNCIVILIZATION SCENARIOS FOR THE FUTURE OF HUMANITY UNDER CLIMATE CHANGE

Riede, Felix (Department of Archaeology and Heritage Studies Aarhus University)

17:30 USING THE GRAVETTIAN-SOLUTREAN TRANSITION TO CREATE AWARENESS OF CURRENT CLIMATE CHANGE: THE EXAMPLE OF PORTELA 2 (PORTUGAL) PUBLIC ARCHAEOLOGY ACTIONS

Gameiro, Cristina (UNIARQ - Lisbon University) - Carvalho, Vânia (Leiria Museum) - Gomes, Telmo (Leiria SMAS) - José, Cátia (Leiria Museum) - Lucena, Armando (Independent researcher)

17:36 DISCUSSION SLOT

388 TOWARDS AN OPEN PLATFORM FOR COMPUTER SIMULATIONS OF PAST SOCIO-ECOLOGICAL SYSTEMS

Room: Building A, room 429

Time: 8:30 - 10:30

Theme: 6. A Decade after the 'Third Science Revolution in Archaeology'

Format: Round table

Organisers: Verhagen, Philip (Faculty of Humanities, Vrije Universiteit Amsterdam) - Daems, Dries (Institute of Social Sciences, Middle East Technical University, Ankara) - Romanowska, Iza (Aarhus Institute of Advanced Studies) - Hinz, Martin (Institut für Archäologische Wissenschaften, Universität Bern)



Archaeologists are increasingly relying on computer simulations to reconstruct and understand past societies. They are successfully building and running simulations of agrarian production, trade, settlement development and movement, to name a few. The current state of the field, however, is characterised by idiosyncrasy and limited communication and integration of the community, hampering the ability of modellers to cumulatively build on each other's work. This is predominantly due to the lack of appropriate tools and platforms enabling closer integration.

To remedy this situation, the NAS2A project (Network for Agent-based modelling of Socio-ecological Systems in Archaeology) is developing an open library of model algorithms and code for modelling of socio-ecological systems in archaeology.

It aims to redefine current practices in collaboration and synergy in modelling communities by developing an openly available and functional models library, offering a host of elements (modules, techniques, algorithms, how-to's/wikis etc.) as modular building blocks for elaborate and case-driven models and research questions.

In this first roundtable of the (proposed) EAA Community "Computational Modelling of Social-Ecological Systems (COMS)", we will present the results of the project's first results towards developing the necessary infrastructure and standards, and invite feedback from experts and the roundtable audience. In particular, we want to address the following questions:

- how can we ensure that model elements can be used for a wide range of research questions?
- how can we facilitate interaction, comparison and testing of models across platforms and programming languages?
- how can we achieve a sustainable infrastructure for this?
- and what more is needed to make simulation modelling accessible to a wider community of archaeologists?

Confirmed discussants:

- Felix Riede (Aarhus University)
- Maja Gori (Ruhr-Universität Bochum)

395 MEDIEVAL STONE MONUMENTS: REUSE AND (RE) INTEGRATION

Room: Main building, room 39

Time: 8:30 - 12:30

Theme: 2. [Re]integration

Format: Regular session

Organisers: Caval, Saša (University of Reading) - Busset, Anouk (Université de Lausanne)



PAPERS

8:30 INTRODUCTION

8:45 LOST, FOUND, AND REMADE: THE REINTEGRATION OF EARLY MEDIEVAL STONE MONUMENTS AS LOCAL HERITAGE ON INISHARK ISLAND, IRELAND

Lash, Ryan (University College Dublin)

9:00 BUILDING WITH THE PAST. THE REUSE OF CARVED STONES IN EARLY MEDIEVAL GALICIA

Sanchez-Pardo, Jose Carlos (University of Santiago de Compostela)

9:15 DISCUSSION SLOT

9:30 REDUCE, RE-USE, RECYCLE: THE MANY FATES OF MEDIEVAL STONE CROSSES ON THE ISLE OF MAN

Johnson, Andrew (Manx National Heritage)

9:45 THE HISTORY BEHIND THE STONES OF "OUR LADY"

Hoxha, Zana (Institute of Albanology)

10:00 THE CULTURAL AND RELIGIOUS RECYCLING OF STEĆCI

Caval, Saša (Scientific-research center of the SAZU)

10:15 DISCUSSION SLOT

11:00 LOST AND FOUND, THE HISTORY OF EPITAPH SCULPTURES FROM THE CHURCH IN KONTOP, POLAND

Jasiak, Krzysztof - Gawroński, Jakub (Nicolaus Copernicus University in Toruń)

11:15 THE REUSE AND REVITALIZATION OF FORTIFICATIONS IN KOSOVO (CASE STUDY: THE FORTRESS OF PRIZREN AND THE FORTRESS OF VUSHTRRI)

Rama, Zana (Archaeological Institute of Kosovo)

11:30 DISCUSSION SLOT

401 TO USE OR NOT TO USE: 3D DOCUMENTATION IN FIELDWORK AND IN THE LAB

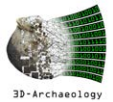
Room: Building R, room E021

Time: 8:30 - 13:00

Theme: 6. A Decade after the 'Third Science Revolution in Archaeology'

Format: Discussion session

Organisers: Hostettler, Marco (Institute of Archaeological Sciences, University of Bern; Oeschger Centre for Climate Change Research, University of Bern) - Drummer, Clara (Orthodrone GmbH, Kiel) - Emmenegger, Lea (Freelancer) - Stäheli, Corinne (Institute of Archaeological Sciences, University of Bern)



PAPERS

8:30 INTRODUCTION

8:45 3D DOCUMENTATION OF MANY FACES

Janek, Tomáš - Souček, Josef (National Museum, Prague)

- 9:00 FAST AND ACCURATE DOCUMENTATION OF COMPLEX ARCHAEOLOGICAL FEATURES. CASE STUDY: A CHALCOLITHIC DWELLING BELONGING TO CUCUTENI CULTURE, NE ROMANIA**
Brasoveanu, Casandra (Arheoinvest Research Centre, Science Department, Institute of Interdisciplinary Research, Alexandru Ioan Cuza University of Iasi) - Brunchi, Radu (Doctoral School, Faculty of History, Alexandru Ioan Cuza University of Iasi) - Tencariu, Felix-Adrian - Asăndulesei, Andrei (Arheoinvest Research Centre, Science Department, Institute of Interdisciplinary Research, Alexandru Ioan Cuza University of Iasi)
- 9:15 RE-EVALUATING THE FRAGMENTARY CULT STATUE AT KLEONAI, GREECE THROUGH 3D DOCUMENTATION AND STUDY**
Levitan, Rebecca (University of California, Berkeley) - Levine, Evan (Brown University) - Öztürk, Hüseyin (University of Cincinnati) - Nenova, Denitsa (independent scholar)
- 9:30 WHEN 3D DOCUMENTATION CREATES EXCAVATION SLICES**
Tamba, Robert - Pujol, Angels (GIRA association)
- 9:45 EXCAVATION IN 3D: CAN A 3D-VIEWER TOOL HELP TO UNDERSTAND AND PRESENT COMPLEX STRATIGRAPHY?**
Pohl, Henrik - Dworsky, Cyril (Kuratorium Pfahlbauten) - Raab, Gerald - Wessling, Ronald (3D Studio Crazy Eye)
- 10:00 DISCUSSION SLOT**
- 11:00 FROM A PENCIL TO THE 3D MODEL**
Miszczak, Lukasz (Institute of Archaeology Jagiellonian University) - Ostrowski, Wojciech (Wars) - Papuci-Władyka, Ewdoksia (Institute of Archaeology Jagiellonian University; University of Warsaw)
- 11:15 STRUCTURE FROM MOTION PHOTOGRAMMETRY APPLIED TO ARCHAEOLOGICAL EXCAVATIONS: PERSPECTIVES FROM A DECADE OF WORK AT THE MEMOLAB**
Rouco Collazo, Jorge - Romero Pellitero, Pablo - Ramos Rodríguez, Blas - Valencia Jiménez, Isabel M^a (University of Granada)
- 11:30 HAND SCANNING ON THE SWEDISH WEST COAST: PROS, CONS, AND AN UNCERTAIN FUTURE**
Skole, John (The Archaeologists, The National Historical Museums)
- 11:45 DISCUSSION SLOT**

POSTERS

- A. 3D DOCUMENTATION METHODOLOGY IN ARCHAEOLOGY. BENEFITS AND PROBLEMS IN THE STUDY OF THE MEGALITHIC NECROPOLIS OF LALENTEJUELA (TEBA, SPAIN)**
Vijande, Eduardo - Becerra Martín, Serafín - Muñoz Muñoz, Alejandro - Fernández Sánchez, Diego (Universidad de Cádiz) - Moreno Márquez, Adolfo (Universidad de Almería) - Gómez Sánchez, Leticia - Cantillo Duarte, Juan - Ramírez Amador, José - Pavón González, Laura (Universidad de Cádiz)

405 "THE GRASS IS ALWAYS GREENER ON THE OTHER SIDE?" THE BENEFIT OF THE LOCAL AND REGIONAL LITHIC RAW MATERIALS

- Room:** Building A, room 429
Time: 14:00 - 16:00
Theme: 3. The Carpathian Basin: Integration, Mobility and Diversity
Format: Discussion session
Organisers: Szilagyi, Kata (Kiel University, Institute of Pre- and Protohistoric Archaeology) - Werra, Dagmara (Polish Academy of Sciences, Institute of Archaeology and Ethnology, Unit for Prehistoric Flint Mining)

PAPERS

- 14:00 INTRODUCTION**
- 14:15 PRESENCE OF CHOCOLATE FLINT AT THE NEOLITHIC ARCHAEOLOGICAL SITES SOUTH OF THE CARPATHIAN MOUNTAINS**
Sudol-Procyk, Magdalena (Institute of Archaeology, Nicolaus Copernicus University in Torun) - Werra, Dagmara (Institute of Archaeology and Ethnology, Polish Academy of Sciences) - Malak, Magdalena (Institute of Archaeology, Nicolaus Copernicus University in Torun) - Trela-Kieferling, Elżbieta (Archaeological Museum in Kraków) - Krzycarz, Maciej (Institute of Geological Sciences, Polish Academy of Sciences) - Mandera, Sara - Binnebesel, Hubert (Institute of Archaeology, Nicolaus Copernicus University in Torun)
- 14:30 TWO HUNDRED YEARS OF LITHIC RAW MATERIALS (DE-)VALUATION FROM THE MONS BASIN (4 200-2 200 BCE)**
Collin, Jean-Philippe (Paris 1 University; Namur University)

14:45 PRELIMINARY RESULTS OF PROVENANCE STUDIES ON THE POLISHED STONE MATERIAL AT THE NEOLITHIC SITE OF ALSÓNYÉK

Szilágyi, Kata (Kiel University) - Szakmány, György - Sági, Tamás - Józsa, Sándor (Dept. of Petrology and Geochemistry, Eötvös Loránd University) - Szilágyi, Veronika (Centre for Energy Research) - Oláh, István (independent researcher) - Osztás, Anett (Institute of Archaeology, Research Centre for the Humanities)

15:00 DISCUSSION SLOT

424 ACTORS, NOT SPECTATORS. COMMUNITY REPRESENTATION IN ARCHAEOLOGY AND CULTURAL HERITAGE IN THE 21ST CENTURY

Room: Building R, room E423

Time: 14:00 - 18:00

Theme: 1. Archaeologists and Archaeology Here and Now

Format: Regular session

Organisers: Beaulieu, Kiara - Thomas, Suzie (University of Antwerp) - Axelsen, Irmelin (University of Oslo) - Jamieson, Jordan (Mississaugas of the Credit First Nation)

PAPERS

14:00 INTRODUCTION

14:15 COMMUNITY-PARTICIPATORY ARCHAEOLOGY IN THE MATANUSKA WATERSHED, ALASKA

Krasinski, Kathryn (Adelphi University) - Seager-Boss, Fran - Wade, Angela (Chickaloon Village Traditional Council)

14:30 THE GOOD CREDIT INDIANS: ARCHAEOLOGY FROM AN INDIGENOUS PERSPECTIVE

Jamieson, Jordan (Mississauga of the Credit First Nation)

14:45 DECOLONISING ARCHAEOLOGY IN THE SCHOOL CURRICULUM

Godfrey, Evelyne (Uffington Heritage Watch)

15:00 DISCUSSION SLOT

15:15 ARE WE ASKING THE RIGHT QUESTIONS? LEARNING FROM METAL DETECTORISTS AND OTHER HOLDERS OF PORTABLE HERITAGE OBJECTS

Thomas, Suzie (University of Antwerp)

15:30 MATERIAL CULTURE IN A DIGITAL WORLD - ARCHAEOLOGY IN 280 CHARACTERS OR LESS

Jaffe, Gali (Freelance Lecturer/Researcher)

15:45 DISCUSSION SLOT

16:30 THE DISCREPANCY IN THE ONLINE AND REAL-LIFE RELATIONSHIPS BETWEEN ARCHAEOLOGISTS AND METAL DETECTORISTS

Bjerga, Ingvild (University of Oslo)

16:45 WHERE ARE THEY, WHO FOUND THEM, WHERE DID THEY GO AND DOES ANYONE CARE?: TWO INDIGENOUS COPPER ARTIFACTS IN ONTARIO

Beaulieu, Kiara (Universiteit Antwerpen)

17:00 DISCUSSION SLOT

POSTERS

A. THE IMPORTANCE OF COMMUNITY ENGAGEMENT WHILE RESEARCHING CILLÍNÍ (IRISH UNCONSECRATED CHILDREN'S BURIAL GROUNDS) IN RURAL COUNTY FERMANAGH

Mundt, Courtney (Queen's University Belfast)

426 FROM ISOTOPE RATIOS TO NARRATIVES: EXPLORING THE WAYS THAT BIOGEOCHEMICAL STUDIES ARE IMPACTING EURASIAN ARCHAEOLOGY

Room: Main building, room 252

Time: 8:30 - 13:00

Theme: 6. A Decade after the 'Third Science Revolution in Archaeology'

Format: Regular session

Organisers: Kiss, Viktória (Institute of Archeology, Research Centre for the Humanities) - Pospieszny, Lukasz (School of Earth Sciences, University of Bristol) - Cavazzuti, Claudio (Department of History and Cultures, University of Bologna)

PAPERS

8:30 INTRODUCTION

8:45 WILD WOMEN OF THE HILLS OR CHATELLES FOR MARRIAGE? INTERPRETING FEMALE MOBILITY IN THE LINEARBANDKERAMIK (LBK) THROUGH STRONTIUM ISOTOPES

Bickle, Penny (University of York)

9:00 AN ISOTOPIC PERSPECTIVE ON "MOBILITY" DURING THE 3RD AND 2ND MILLENNIUM BC IN HUNGARY

Giblin, Julia (Quinnipiac University) - Dani, János (Déri Múzeum) - Fábíán, Szilvia (Hungarian National Museum) - Hajdu, Tamás (Eötvös Loránd University) - Köhler, Kitti - Kulcsár, Gabriella - Melis, Eszter (Institute of Archaeology Research Centre for the Humanities ELRN) -

Szabó, Géza (Wosinsky Mór Museum) - Szeverényi, Vajk (Déri Múzeum)
- Kiss, Viktória (Institute of Archaeology Research Centre for the Humanities ELRN)

9:15 SUBVERTING GRAND NARRATIVES? STRONTIUM ISOTOPES, ADNA, AND EQUESTRIAN MOBILITY IN THE BRONZE AGE

Kanne, Katherine (University of Exeter; Northwestern University)

9:30 TRANSFORMATIONS OF POPULATIONS AND LIFESTYLE IN THE 2ND MILLENNIUM B.C. IN THE GREAT HUNGARIAN PLAIN - A BIOARCHAEOLOGY PROJECT

Hajdu, Tamas (Eötvös Loránd University) - Szeniczey, Tamás (Department of Biological Anthropology, Faculty of Science, Eötvös Loránd University) - Fülöp, Kristóf (Research Centre for the Humanities, Institute of Archaeology) - McCall, Ashley (Independent Researcher) - Horváth, Anikó - Palcsu, László - Major, István - Molnár, Mihály (Isotope Climatology and Environmental Research Centre, Institute for Nuclear Research, Debrecen) - Dani, János (Déri Museum, Debrecen) - Kiss, Viktória (Research Centre for the Humanities, Institute of Archaeology)

9:45 MOBILITY IN THE EARLY/MIDDLE BRONZE AGE COMMUNITIES ALONG THE DANUBE IN CENTRAL HUNGARY BASED ON ISOTOPE DATA OF CALCINED BONES

Cavazzuti, Claudio (University of Bologna; University of Durham) - Csányi, Marietta (Damjanich János Muzeum, Szolnok) - Vicze, Magdolna (Hungarian National Museum) - Horváth, Anikó - Palcsu, László (ICER Centre, Institute for Nuclear Research) - Hajdu, Tamás (Eötvös Loránd University) - Lugli, Federico (Università di Bologna, Alma Mater Studiorum) - Cipriani, Anna (Università di Modena e Reggio Emilia) - Kiss, Viktória (Hungarian Academy of Sciences)

10:00 CHALLENGES AND LIMITATIONS OF THE BIOARCHAEOLOGICAL STUDY OF BELGIAN CREMATIONS FROM THE NEOLITHIC TO THE EARLY MEDIEVAL PERIOD

Snoeck, Christophe (Vrije Universiteit Brussel - VUB) - Capuzzo, Giacomo (Université Libre de Bruxelles - ULB) - Dalle, Sarah (Ghent University; Vrije Universiteit Brussel - VUB) - Hlad, Marta (Vrije Universiteit Brussel - VUB; Université Libre de Bruxelles - ULB) - Sabaux, Charlotte (Ghent University; Université Libre de Bruxelles - ULB) - Salesse, Kevin (Masaryk University, Brno) - Stamataki, Elisavet (Vrije Universiteit Brussel - VUB; Université Libre de Bruxelles - ULB) - Veselka, Barbara (Vrije Universiteit Brussel - VUB) - Vercauteren, Martine (Université Libre de Bruxelles - ULB) - De Mulder, Guy (Ghent University)

10:15 DISCUSSION SLOT

11:00 ANIMAL ISOTOPE NARRATIVES AND THE MORE-THAN-HUMAN PAST

Brusgaard, Nathalie (University of Groningen)

11:15 NEW INSIGHTS INTO LONG-TERM DIET IN NEOLITHIC SOUTHERN ITALY. A STABLE CARBON AND NITROGEN ISOTOPE APPROACH

Tafari, Mary Anne - Soncin, Silvia - Panella, Sofia (Sapienza University of Rome) - Robb, John (Cambridge University)

11:30 CHILDREN'S NUTRITION AND LIFESTYLE IN THE NEOLITHIC ACCORDING TO THE STABLE ISOTOPE ARCHAEOLOGICAL EXAMINATION IN THE EASTERN PART OF HUNGARY

Somogyvári-Lajtár, Eniko (Institute of Archaeological Sciences, Eötvös Loránd University; Institute for Geological and Geochemical Research, Research Centre for Astronomy and Earth Sciences) - Demény, Attila - Gugora, Ariana (Institute for Geological and Geochemical Research, Research Centre for Astronomy and Earth Sciences) - Hajdu, Tamás (Department of Biological Anthropology, Faculty of Science, Eötvös Loránd University) - Nagy, Emese (Déri Museum) - Pap, Ildikó (Department of Biological Anthropology, Faculty of Science, Eötvös Loránd University; Department of Biological Anthropology, Faculty of Science and Informatics, University of Szeged) - Anders, Alexandra (Institute of Archaeological Sciences, Eötvös Loránd University)

11:45 NEW RADIOCARBON DATES FROM THE USATOVO CULTURE SUGGEST A RE-EVALUATION OF THE CULTURE'S CHRONOLOGY

Nikitin, Alexey (Grand Valley State University) - Lillie, Malcolm - Budd, Chelsea (Umeå University) - Potekhina, Inna - Ivanova, Svetlana (Institute of Archaeology, National Academy of Sciences of Ukraine) - Patterson, Nick (Broad Institute of Harvard and MIT) - Reich, David (Harvard Medical School; Harvard University)

12:00 NEOLITHIC DIETARY PRACTICES: COMPARISON OF STABLE ISOTOPES AND DENTAL MICROWEAR

Kvetina, Petr (Institute of Archaeology of the Academy of Sciences of the Czech Republic) - Drtikolova Kaupova, Sylva (Department of Anthropology, National Museum) - Jarosova, Ivana (Anthropos Institute, Moravian museum) - Hrnčíř, Václav (Department Linguistic and Cultural Evolution, Max Planck Institute for Evolutionary Anthropology, Leipzig) - Tvrdý, Zdeněk (Anthropos Institute, Moravian museum) - Pokutta, Dalía (Department of Archaeology and Classical Studies, ARL Stockholm University) - Trampota, František (Institute of Archaeology of the Academy of Sciences of the Czech Republic)

- 12:15** **DIETARY DYNAMICS AND ANIMAL MANAGEMENT IN CENTRAL ASIAN STEPPE**
Varkuleviciute, Karolina (Institute for Pre- and Protohistory, Christian Albrechts University, Kiel; ROOTS Cluster of Excellence) - Makarewicz, Cheryl (Institute for Pre- and Protohistory, Christian Albrechts University, Kiel)

12:30 **DISCUSSION SLOT**

427 **PREHISTORIC HISTORIES: LINKING INDIVIDUAL AGENCY AND BROAD TRANSFORMATIONS**

- Room:** Building B, room 242
Time: 16:30 - 18:30
Theme: 2. [Re]integration
Format: Regular session
Organisers: Polanyi, Tamas (Sandbox Archaeology) - Szeverényi, Vajk (Déri Múzeum)

PAPERS

- 16:30** **INTRODUCTION**
- 16:45** **INTERREGIONAL INTERACTION IN THE EARLY BRONZE AGE CARPATHIAN BASIN: A BOTTOM-UP APPROACH**
Szeverényi, Vajk (Déri Múzeum)
- 17:00** **CIRCUITS OF REPRODUCTION: THE OPPORTUNITIES AND POWER TO CHANGE IN BRONZE AGE SOCIETY**
Polanyi, Tamas (Independent scholar)
- 17:15** **TRANSFORMATIVE CHANGE IN BRONZE AGE TRANSYLVANIA**
Quinn, Colin (Hamilton College)
- 17:30** **CONTRASTING EXAMINATIONS OF THE FUNERARY ARCHAEOLOGY OF THE EVERYDAY AND THE ATYPICAL AS A SOLUTION FOR THE STRUCTURE: AGENCY IMPASSE**
McSparron, Cormac - Murphy, Eileen (Queen's University Belfast)
- 17:45** **"HANDS-FREE"! A NOVEL EMBODIED EXPERIENCE LED TO A COGNITIVE REVOLUTION – FINGERS!**
Lindstrom, Torill Christine (University of Bergen) - Zubrow, Ezra (University at Buffalo; University of Toronto)
- 18:00** **DISCUSSION SLOT**

430 **PERCUSSIVE OSSEOUS INDUSTRY A HUMAN REVOLUTION BETWEEN PRE-FORMATION AND WASTE SELECTION**

- Room:** Main building, room 112
Time: 14:00 - 17:30
Theme: 6. A Decade after the 'Third Science Revolution in Archaeology'
Format: Regular session
Organisers: Thun Hohenstein, Ursula (University of Ferrara) - Vettese, Delphine (IPH. Museum national histoire naturelle Paris) - Marín Hernando, Juan (IPHES)



PAPERS

- 14:00** **INTRODUCTION**
- 14:15** **BONE FRAGMENTS OR NEANDERTHAL BONE TOOLS? INTERDISCIPLINARY RESEARCH ON FAUNAL ASSEMBLAGE FROM ABRIC ROMANÍ (CAPELLADES, SPAIN)**
Mateo Lomba, Paula (Institut Català de Paleoecologia Humana i Evolució Social - IPHES-CERCA; Universitat Rovira i Virgili, Departament d'Història i Història de l'Art) - Cáceres, Isabel (Universitat Rovira i Virgili, Departament d'Història i Història de l'Art; Institut Català de Paleoecologia Humana i Evolució Social - IPHES-CERCA) - Ollé, Andreu (Institut Català de Paleoecologia Humana i Evolució Social - IPHES-CERCA; Universitat Rovira i Virgili, Departament d'Història i Història de l'Art) - Marín, Juan (UMR-7194-Histoire Naturelle de l'Homme Préhistorique - HNHP, Museum National d'Histoire Naturelle; Institut Català de Paleoecologia Humana i Evolució Social - IPHES-CERCA) - Chacón, M. Gema (Institut Català de Paleoecologia Humana i Evolució Social - IPHES-CERCA; Universitat Rovira i Virgili, Departament d'Història i Història de l'Art; UMR-7194-Histoire Naturelle de l'Homme Préhistorique (HNHP), Museum National d'Histoire Naturelle) - Vallverdú, Josep - Saladié, Pamira (Institut Català de Paleoecologia Humana i Evolució Social - IPHES-CERCA; Universitat Rovira i Virgili, Departament d'Història i Història de l'Art; Unit Associated to CSIC, Departamento de Paleobiología. Museo Nacional de Ciencias Naturales)
- 14:30** **FRESHNESS OF BONE-RETOUCHERS: AN EXPERIMENT TO DISCRIMINATE USE OF BONE WITH DIVERS DEGREE OF TIME EXPOSURE TO RETOUCH LITHIC TOOLS**
Vettese, Delphine (Muséum national d'Histoire naturelle, Paris; University of Ferrara; Grupo EvoAdapta, Santander) - Arzarello, Marta - Muttillo, Brunella - Thun Hohenstein, Ursula (University of Ferrara)

- 14:45 A USEFUL TAXON. THE EXPLOITATION OF CERVIDAE LONG BONES AS RETOUCHERS IN THE MOUSTERIAN LEVELS OF RIPARO TAGLIENTE**
Perez, Andrea (University of Trento) - Vettese, Delphine (IPH - Museum national histoire naturelle Paris) - Thun Hohenstein, Ursula (University of Ferrara)
- 15:00 RETOUCED BONE TOOLS IN MIDDLE PALAEOOLITHIC LAYERS AT COMBE-GRENAL (DORDOGNE, FRANCE)?**
Bernard, Emma (Doctorante, TRACES - UMR 5608) - Costamagno, Sandrine (Directrice de Recherche CNRS, TRACES - UMR 5608) - Discamps, Emmanuel (Chargé de recherche CNRS, TRACES - UMR 5608) - Faivre, Jean-Philippe (Chargé de recherche, PACEA - 5199) - Tartar, Élise (Chargé de recherche CNRS, TRACES - UMR 5608)
- 15:15 BEYOND DIET: THE ANALYSIS OF BONE AND ANTLER TOOLS AND THE ROLE OF DEER IN HUNTER-GATHERER GROUPS FROM SOUTHERN BRAZIL**
Martinez Okumura, Maria Mercedes (University of Sao Paulo) - Mingatos, Gabriela (Federal University of Rio de Janeiro)
- 15:30 THE EARLIEST OCCURRENCE OF ANTLER HAMMERS IN THE EUROPEAN PALAEOOLITHIC RECORD. NEW DATA FROM SOUTHERN ITALY**
Thun Hohenstein, Ursula - Muttillio, Brunella - Arzarello, Marta - Peretto, Carlo (University of Ferrara)
- 15:45 SMALL NEEDLE PRODUCTION AND USE DEVELOPMENT DURING NEOLITHIC PERIOD IN JORDAN**
Abuhelaleh, Bellal (Al Hussein Bin Talal University)
- 16:30 DISCUSSION SLOT**

437 REINTEGRATION IN MEDIEVAL ARCHAEOLOGY. MERC FORUM

- Room:** Building R, room E144
Time: 14:00 - 16:00
Theme: 2. Reintegration
Format: Other - forum
Chair: Pluskowski, Aleks (University of Reading; MERC)



This year's MERC forum draws on one of the annual meeting's key themes – reintegration. Presentations from Central European medieval archaeology will address this theme from different perspectives, with an emphasis on interdisciplinarity and methodological reflections, including the reintegration of historical narratives into archaeological source material, as well as the role and reuse of different paradigms within medieval archaeology. The discussion will consider the theme more broadly, including processes of re-integration in the past and present. This aim of

the forum is to highlight the contribution of medieval archaeology to understanding this key theme.

438 EUROPE'S MEDIEVAL PAST: A MANIFESTO. MERC ROUNDTABLE

- Room:** Building R, room E144
Time: 16:30 - 18:30
Theme: 1. Archaeologists and Archaeology Here and Now
Format: Round table
Chair: Citter, Carlo (University of Siena; MERC)



The manifesto lays out our vision for a socially-engaged medieval archaeology, one with potential to enhance cultural value all across Europe. The document demonstrates the significance of the legacy and contemporary relevance of the medieval and early modern, and illustrates 'Why Medieval Archaeology Matters'. The Manifesto builds upon the Burra Charter and highlights the guiding principles needed to foster and develop social value in the context of medieval archaeology. Case studies that embody one or more of these guiding principles are presented as examples of best practice.

SATURDAY 3 SEPTEMBER

Building room nr.	8:30 - 10:30	11:00 - 13:00	14:00 - 16:00	16:30 - 18:30
A 039	284. Visualizing, Interpreting, and Presenting Archaeological Sites to the Public			112. Prehistoric Inter-Societal Dynamics along the Atlantic Façade II. Neolithic to the Iron Age
A 047	149. Interactions, Innovation and Communication in the Late Neolithic and Copper Age			
A 150	283. (Re)integration of the Carpathian Basin into the European Middle Palaeolithic: Cultural Contacts, Interregional Mobilities, Variability in Subsistence and Settlement Strategies [PaM]			161. Peripheral Regions in the Prehistory of Temperate Europe
A 329	327. Stone Age Stray Finds and How to Use Them [PaM]			96. Neither River nor Lake: Human-made 'Waterscapes'. The Use of Ground- and Rainwater in Neolithic Times
A 330	389. Moving into the Mediterranean – New Developments in the Research on Genetics, Mobility, Culture Change and Languages		350. [Re]Integrating a Dispersed Agenda: Advancing Archaeological Research in Central Eurasia	
A 336	298. Raw Material Acquisition, Management and Technological Choices from the Mesolithic to the Bronze Age in South-Eastern Europe [PaM]			422. '... In with the New!': The Future of Archaeological Research in Medieval Europe
A 428	206. No Braudel for the Balkans? Forging a New, Interconnected Prehistory of the Balkan Peninsula			221. Revisiting Husbandry and Subsistence in Southwestern Asia Using Integrated Approaches and the Latest Development in Bioarchaeology
A 429		420. EAA Community for Climate Change and Heritage (CCH) Round-table		
B 172	269. More than Walls and Fences - The Importance of Space and Boundaries in Systems of Violence and Oppression		210. Digging Women: Use and Misuse of Ancient Women as Role Models in Archaeological Research and Dissemination [AGE]	
B 217	218. Science or Humanities – Whither Archaeology?			

Building room nr.	8:30 - 10:30	11:00 - 13:00	14:00 - 16:00	16:30 - 18:30
B 242	127. Integrations, Interactions, and Intersections in Islamic Archaeologies of Afro-Eurasia			201. "For the Love" – The Impact and Potential of Amateur Enthusiasts on Archaeological Sites and Activities
C 173	274. Approaches to Communities in the Past and the Present			
C 278	195. Silk: A Catalyst for Interconnection in the Sixth to Tenth Centuries AD/CE			
C 328	369. Commerce in the Late Antique West: Approaches to Analyse Trade Networks in Times of Change	315. New Technologies, New Trends, New Ethics in Cultural Heritage Management		
F 012	316. Small Objects Reflecting Great Changes	35. Where's My Tribe? Developing New Approaches to Connectivity, Mobility and Community in Early Medieval Europe after the Ethnic Paradigm		
F 013	340. North European Trading Networks for Iron and Copper	366. Interdisciplinary Approaches to the Analysis of Funerary Archaeology during the Bronze - Iron Age Transition in Atlantic Europe		
Gol-yavar Pazmany Peter	128. Above and around 60 Degrees North: Movement of Ideas, Practices, Materials and People AD 300-1300	176. Ornaments as a Key to Understanding the Hunter-Gatherer to Farming Transition in Europe		
Main 011	45. Becoming Roman: The Role of Biological Resources in the Expansion of New Economic and Cultural Models throughout the Empire	275. The Role of Archaeology (and Archaeologists) in the Covid-19 Recovery Plans across Europe and beyond [EAA ExB]		
Main 026	436. General session			
Main 027	373. Discussing the Future of Big Data for the Study of the Human Past	382. Technology, Risk, and Change		
Main 034	416. Challenging Island Archaeology with the Third Science Revolution			
Main 039	324. Roman Housing on the Shores of the Eastern Mediterranean. Global Trends, Local Responses?	390. All on Walls. Current Issues on Historical Wall Painting Science, Conservation, and Restoration		
Main 112	264. Bioarchaeological Approach to Human Health throughout the Medieval Period in Europe	304. Investigating Székely History through Regional and Interdisciplinary Approaches		

Building room nr.	8:30 - 10:30	11:00 - 13:00	14:00 - 16:00	16:30 - 18:30
Main 137	406. Ancient and Traditional Crafts in Changing Environments: Addressing the Needs for Temporal Perspectives		325. "Open Science" in Archaeology and Heritage: Challenges and Future Perspectives	355. Re-visiting the Global/Local Continuum in Archaeological Heritage Practice: Contrasting Histories, Perspectives, and Experiences within and beyond Europe
Main 138	90. The Technology and Use of Metals in the Pre-historic Eastern Mediterranean: Recent Advances through Microscale Analysis	233. Islands, Monasteries and Water Management	338. Pottery from Post-medieval Period in Carpathian Basin. Evolution or Revolution?	
Main 252	93. Beyond the Chronology and Pathways of Dispersal: Reasoning the Use and Abandonment of Broom-corn Millet Cultivation across Eurasia		16. The Dawn, Apogee and Modern Demise of Kurgans in Southeast and East-central Europe	
R E021	181. Control the Divine: Integrating Sacred Spaces and Rituals at the 'Fringes' (Ancient Central and South Asia)		353. Ethics, Conflict Archaeology and Society in the 20th and 21st Centuries	
R E030	312. Continuity and Discontinuity of Transport Systems from Antiquity to the Present		305. Unravelling the Urban Palimpsest: The Re-use and Integration of Urban Fabric in Time and Space [Urban Archaeology Community]	
R E151	53. Technology, Regionalisation and Environmental Adaptation in Europe and beyond [PaM]		380. Can you Future Proof Skill Development Work in Archaeology?	399. Linking Databases for Comparing Research: Do We Need a European Hillfort Information System? [COMFORT]
R E245		344. Integrating Neandertal Legacy: New Opportunities for Cooperation [PaM]		
R E253	345. Let It Burn! Experimental and Ethnoarchaeological Approaches in Pyroarchaeology			196. "A Universe with an Additional Dimension": The Socio-environmental Archaeology of Fishing [PaM]

Building room nr.	8:30 - 10:30	11:00 - 13:00	14:00 - 16:00	16:30 - 18:30
R E356	381. Waterscapes: Traces of Interaction between People and Water from Neolithic to Bronze Age Europe			372. Advances in Geometric Morphometric Methods Applied to Lithic Studies [PaM]
R E414	289. The Materiality of Lived Religion Under and After Rome		229. Development and Use of Garden Archaeology in Different Parts of Europe, Comparing Individual Approaches, Interactions, Cooperation to Assess Their Effectiveness	
R E423	224. Hunter-gatherers Resilience: Adaptation Patterns to Climatic Shifts at Different Latitudes from MIS3 to MIS 1 [PaM]		291. Interaction in Neolitization, Neolitization as Interaction. Archaeological Data and Analytical Procedures for Defining Interaction Contexts [PaM]	

KEYNOTE LECTURE

13:10 **Suzie Thomas:** Right here: Considering the location of artefacts and archaeological values
Where: Building B, room 172

16 THE DAWN, APOGEE AND MODERN DEMISE OF KURGANS IN SOUTHEAST AND EAST-CENTRAL EUROPE

Room: Main building, room 252

Time: 14:00 - 18:30

Theme: 5. Climate Change and Socioenvironmental Perspectives

Format: Regular session

Organisers: Peto, Ákos (Hungarian University of Agricultural and Life Sciences) - Heyd, Volker (University of Helsinki, Department of Cultures, Archaeology) - Dani, János (Déri Museum, Debrecen) - Kulcsár, Gabriella (Eötvös Loránd Research Network, Research Centre for the Humanities, Institute of Archaeology)

PAPERS

14:00 INTRODUCTION

14:15 BURIAL MOUNDS IN YAMBOL DISTRICT, BULGARIA

Valchev, Todor (Regional historical museum)

14:30 PATTERNS OF THE YAMNAYA CULTURE BARROW DISTRIBUTION IN THE NORTH-WEST PONTIC AREA

Topal, Denis (National Museum of History of Moldova)

14:45 MIDDLE DNIEPER AREA IN THE SYSTEM OF PIT-GRAVE RELICS

Syvolap, Mykhaylo (Cherkasy City Archaeological Museum)

15:00 EARLY BRONZE AGE BURIAL MOUNDS IN SOUTHEAST TRANSYLVANIA

Szász, Hajnal (Budapest History Museum)

15:15 KURGANS IN THE DEBRECEN AREA (NE-HUNGARY)

Dani, Janos (Déri Múzeum, Debrecen) - Tóth, Csaba (Debreceni Deák Ferenc Tehetségfejlesztő Középiskolai Szakkollégium) - Czirbik-Gulyás, Tímea (Déri Múzeum, Debrecen)

15:30 DISCUSSION SLOT

16:30 ENEOLITHIC SANCTUARIES AND BRONZE AGE KURGANS IN THE PONTIC STEPPE AS MARKERS OF CLIMATIC SHIFTS

Nikitin, Alexey (Grand Valley State University) - Ivanova, Svetlana (Institute of Archaeology, National Academy of Sciences of Ukraine)

16:45 CULTURAL IDENTITY OF BARROWS IN EAST SLOVAKIA – XXTH CENTURY INVESTIGATIONS AND PRESENT-DAY PROSPECTIONS

Jarosz, Pawel (Institute of Archaeology an Ethnology Polish Academy of Sciences) - Horváthová, Eva (Archeologický ústav SAV) - Podsiadło, Michał - Przybyła, Marcin (Dolmen S.C.) - Szczepanek, Anita (Institute of Archaeology an Ethnology Polish Academy of Sciences; Collegi-

um Medicum Jagiellonian University) - Włodarczak, Piotr (Institute of Archaeology an Ethnology Polish Academy of Sciences)

17:00 LANDSCAPE ARCHAEOLOGICAL AND TOPOGRAPHICAL RESEARCHES ON PREHISTORIC KURGANS IN THE MAROS-KÖRÖS INTERFLUVE (HUNGARY AND ROMANIA)

Bede, Ádám - Valkó, Orsolya - Deák, Balázs ('Lendület' Seed Ecology Research Group, Institute of Ecology and Botany)

17:15 DISCUSSION SLOT

17:30 THE ROLE OF KURGANS IN GRASSLAND CONSERVATION - CASE STUDIES ON THE BIODIVERSITY POTENTIAL OF STEPPIC BURIAL MOUNDS

Deák, Balázs - Bede, Ádám - Valkó, Orsolya (MTA-ÖK 'Lendület' Seed Ecology Research Group)

17:45 COMPLEX PALEOENVIRONMENTAL STUDIES OF KURGANS IN THE CARPATHIAN BASIN

Peto, Ákos - Braun, Ádám (Hungarian University of Agricultural and Life Sciences) - Dani, János (Déri Museum, Debrecen) - Kulcsár, Gabriella (Eötvös Loránd Research Network, Research Centre for the Humanities, Institute of Archaeology)

18:00 GEOCHEMICAL ANALYSIS OF A BRONZE AGE KURGAN FROM THE WALLACHIAN PLAIN, ROMANIA

Braun, Ádám - Pető, Ákos (Hungarian University of Agriculture and Life Sciences, Institute of Nature Conservation and Environmental Management, Gödöllő) - Frînculeasa, Alin (Prahova District Museum of History and Archeology, Department of Archaeology) - Preda-Bălănică, Bianca - Heyd, Volker (University of Helsinki, Department of Cultures)

18:15 DISCUSSION SLOT

POSTERS

A. KURGANS AS BIODIVERSITY HOTSPOTS IN AGRICULTURAL LANDSCAPES – RARE AND PROTECTED PLANT SPECIES ON THE MOUNDS OF THE TISZÁNTÚL, EAST-HUNGARY

Deák, Balázs - Kelemen, András ('Lendület' Seed Ecology Research Group) - Tölgyesi, Csaba (University of Szeged, Department of Ecology) - Bede, Ádám - Valkó, Orsolya ('Lendület' Seed Ecology Research Group)

B. LANDSCAPE HISTORICAL AND ECOLOGICAL CHARACTERIZATION OF THE MOGYORÓS-HALOM KURGAN (ÖCSÖD, HUNGARY)

Bede, Ádám - Valkó, Orsolya - Deák, Balázs ('Lendület' Seed Ecology Research Group, Institute of Ecology and Botany)

35 WHERE'S MY TRIBE? DEVELOPING NEW APPROACHES TO CONNECTIVITY, MOBILITY AND COMMUNITY IN EARLY MEDIEVAL EUROPE AFTER THE ETHNIC PARADIGM

Room: Building F, room 12

Time: 14:00 - 18:00

Theme: 2. [Re]integration

Format: Regular session

Organisers: Brownlee, Emma (University of Cambridge) - Klevnäs, Alison (Stockholm University) - Noterman, Astrid (Stockholm University; CESCUM)



PAPERS

14:00 INTRODUCTION

Brownlee, Emma (University of Cambridge) - Klevnäs, Alison (Stockholm University) - Noterman, Astrid (Stockholm University; CESCUM)

14:15 TELL ME WHAT YOU EAT AND I'LL TELL YOU WHO YOU ARE: NUTRITION AND IDENTITY IN EARLY MEDIEVAL ITALY

Barbiera, Irene (University of Padova)

14:30 LOOKING FOR ARCHAEOLOGICAL IDENTITY MARKERS IN THE NECROPOLIS OF EL CORTIJO DEL CHOPO (GRANADA)

Vallejo Casas, Elena (Universidad de Granada)

14:45 DISCUSSION SLOT

15:00 A NEW APPROACH TO THE RESEARCH ON EARLY MEDIEVAL POPULATIONS IN EAST-CENTRAL EUROPE: COLLECTIVE ACTION AND CULTURAL TRANSMISSION

Machacek, Jiri (Masaryk University, Brno)

15:15 THINK OUTSIDE THE ROW! THE EMERGENCE OF ROW-GRAVE CEMETERIES IN TRANSYLVANIA IN THE CONTEXT OF POST-HUNNIC TRANSITIONS: AN ARCHAEOLOGICAL PERSPECTIVE

Dobos, Alpár (National Museum of Transylvanian History - Cluj-Napoca)

15:30 CHALLENGING NARRATIVES OF CONTINUITY: EAST-CENTRAL EUROPE DURING THE AGE OF MIGRATIONS

Hanscam, Emily (Department of Cultural Sciences, Linnaeus University)

15:45 DISCUSSION SLOT

16:30 ANGL0-SAXON, ROMANO-BRITISH, OR BOTH: A RE-EXAMINATION OF IDENTITY AND MOBILITY THROUGH A MULTIPROXY ISOTOPIC ANALYSIS OF THREE SOUTHERN BRITISH CEMETERIES

Miller, Katherine (University of Bristol)

16:45 CATCHMENTS OF CLIENTSHIP AND COMMUNITY: EXPLORING LIFETIME MOBILITY AND CONNECTIVITY IN EARLY MEDIEVAL SCOTLAND

Britton, Kate - Czére, Orsolya - Fawcett, Jovita - Noble, Gordon (University of Aberdeen)

17:00 DISCUSSION SLOT

POSTERS

A. FORMAL AND SPATIAL DYNAMICS OF THE BURIAL RITE – ETHNICITY, RELIGION, OR SOCIO-ECONOMIC DEVELOPMENT?

Hladikova, Katarina (Comenius University, Faculty of Arts, Bratislava) - Hladík, Marek (Institute of Archaeology Czech Academy of Sciences, Brno)

45 BECOMING ROMAN: THE ROLE OF BIOLOGICAL RESOURCES IN THE EXPANSION OF NEW ECONOMIC AND CULTURAL MODELS THROUGHOUT THE EMPIRE

Room: Main building, room 11

Time: 8:30 - 13:00

Theme: 4. Polis, Empire, League and Beyond – Living in Interconnected Societies

Format: Regular session

Organisers: Tereso, João (CIBIO, Centro de Investigação em Biodiversidade e Recursos Genéticos; BIOPOLIS Program in Genomics, Biodiversity and Land Planning; Centre for Archaeology. UNIARQ. School of Arts and Humanities. University of Lisbon; MHNC - UP - Natural History and Science Museum of the University of Porto; B-ROMAN Project PTDC/HAR-ARQ/4909/2020; Centre of Interdisciplinary Studies, University of Coimbra) - Defry, Cleia (Centre for Archaeology. UNIARQ. School of Arts and Humanities. University of Lisbon; B-ROMAN Project PTDC/HAR-ARQ/4909/2020) - Vaz, Filipe (CIBIO, Centro de Investigação em Biodiversidade e Recursos Genéticos; BIOPOLIS Program in Genomics, Biodiversity and Land Planning; B-ROMAN Project PTDC/HAR-ARQ/4909/2020) - Peña-Chocarro, Leonor (Spanish National Research Council-Consejo Superior de Investigaciones Científicas - CSIC; GI Paleoeconomía y Subsistencia de las Sociedades Preindustriales, Instituto de Historia - IH-CSIC; B-ROMAN Project PTDC/

HAR-ARQ/4909/2020) - Valenzuela-Lamas, Silvia (Spanish National Research Council-Consejo Superior de Investigaciones Científicas - CSIC; Archaeology of Social Dynamics, Milà i Fontanals Research Institute - ASD, IMF-CSIC; Centre for Archaeology. UNIARQ. School of Arts and Humanities. University of Lisbon; B-ROMAN Project PTDC/HAR-ARQ/4909/2020)

PAPERS

8:30

BIOLOGICAL RESOURCES AND THE EXPANSION OF NEW ECONOMIC AND CULTURAL MODELS THROUGHOUT THE ROMAN EMPIRE: AN INTRODUCTION TO THE SESSION

Tereso, João (Associação BIOPOLIS; CIBIO, Centro de Investigação em Biodiversidade e Recursos Genéticos; Centre for Archaeology. UNIARQ. School of Arts and Humanities. University of Lisbon; MHNC - UP - Natural History and Science Museum of the University of Porto; B-ROMAN Project PTDC/HAR-ARQ/4909/2020; Centre of Interdisciplinary Studies, University of Coimbra) - Detry, Cleia (Centre for Archaeology. UNIARQ. School of Arts and Humanities. University of Lisbon; B-ROMAN Project PTDC/HAR-ARQ/4909/2020) - Vaz, Filipe (Associação BIOPOLIS; CIBIO, Centro de Investigação em Biodiversidade e Recursos Genéticos; B-ROMAN Project PTDC/HAR-ARQ/4909/2020) - Valenzuela-Lamas, Silvia (Spanish National Research Council-Consejo Superior de Investigaciones Científicas - CSIC; Archaeology of Social Dynamics, Milà i Fontanals Research Institute - ASD, IMF-CSIC; Centre for Archaeology. UNIARQ. School of Arts and Humanities. University of Lisbon; B-ROMAN Project PTDC/HAR-ARQ/4909/2020) - Peña-Chocarro, Leonor (Spanish National Research Council-Consejo Superior de Investigaciones Científicas - CSIC; GI Paleoeconomía y Subsistencia de las Sociedades Preindustriales, Instituto de Historia - IH-CSIC; B-ROMAN Project PTDC/HAR-ARQ/4909/2020)

8:45

APPROACHING WOODLAND MANAGEMENT DURING ANTIQUITY IN NE OF THE IBERIAN PENINSULA

López Castillo, Eva Maria - López-Bultó, Oriol - Berrocal Barberà, Anna - Piqué Huerta, Raquel (Department of Prehistory, UAB) - Castanyer, Pere (Archaeological Museum of Catalonia-Empúries) - Pera, Joaquim (Department of Antiquities and Middle Age Studies) - Rodrigo, Esther (Department of Antiquities and Middle Age Studies) - Tremoleda Trilla, Joaquim (Department of History and History of Art from Universitat de Girona) - Frigola Torrent, Joan (Museu Arqueològic de Banyoles)

9:00

COMBINED TRADITIONS: ARCHAEOZOOLOGY OF THE ROMAN-PERIOD-BURIALS IN POTZNEUSIEDL (BURGENLAND-AUSTRIA, 1ST-3RD CENTURIES AD)

Saliari, Konstantina (Naturhistorisches Museum Wien) - Formato, Lucia (Österreichische Akademie der Wissenschaften)

9:15

BIOLOGICAL RESOURCES (CROPS, WOOD AND ANIMALS) IN SANTARÉM (PORTUGAL) IN THE ROMANIZATION OF IBERIA'S SOUTH-WESTERN FAÇADE

Costa Vaz, Filipe (CIBIO - University of Porto) - Detry, Cleia (UNIARQ - Centre for Archaeology University of Lisbon; School of Arts and Humanities - University of Lisbon) - Davis, Simon (DGPC - Directorate-General for Cultural Heritage; CIBIO - University of Porto) - Arruda, Ana - Viegas, Catarina (UNIARQ - Centre for Archaeology University of Lisbon; School of Arts and Humanities - University of Lisbon) - Tereso, João (CIBIO - University of Porto; UNIARQ - Centre for Archaeology University of Lisbon; Natural History and Science Museum - Univ. of Porto)

9:30

LANGUAGE AND DIET CHANGE DURING THE IRON AGE-ROMAN TRANSITION NE IBERIA: AN INTEGRATED STUDY OF CABRERA VALLEY (CATALONIA, SPAIN)

Valenzuela-Lamas, Silvia (ArchaeologyHub.CSIC) - Nieto-Espinet, Ariadna (University of Lleida) - Sinner, Alejandro (University of Victoria)

9:45

COPING WITH THE PAX ROMANA. THE SUNKEN BYRE AND CHANGES IN THE AGRICULTURAL SYSTEM OF GERMANIA INFERIOR AND GALLIA BELGICA

Van der Velde, Henk (ADC ArcheoProjecten)

10:00

THE FAUNAL REMAINS FROM CALLE ALMENDARALEJO AND DOMUS MITREO (MÉRIDA, SPAIN): ONE MORE PIECE IN THE PUZZLE

Detry, Cleia (UNIARQ/FLUL) - Heras Mora, Javier (Junta de Extremadura) - Bustamante-Álvarez, Macarena (Universidad de Granada)

10:15

DISCUSSION SLOT

11:00

ZOOARCHAEOLOGICAL INSIGHTS ON THE INTEGRATION OF THE BALEARIC ISLANDS INTO THE ROMAN WORLD

Valenzuela, Alejandro (Department of Historical Sciences & Art Theory. University of the Balearic Islands - UIB)

11:15

EVALUATING ROMAN INFLUENCE AT THE EDGE OF THE EMPIRE BY ZOOARCHAEOLOGICAL META-ANALYSIS

Everett, Sarah (BioArCh, Department of Archaeology, University of York)

11:30 BETWEEN LIFE AND DEATH. INVESTIGATING FOOD AND FUEL IN THE EARLY IMPERIAL NECROPOLIS OF ST. ANTONI MARKET (BARCELONA, SPAIN)

Tarongi, Miguel (Universitat de Lleida. Facultat de Lletres) - Bianco, Sabrina (Catalan Institute of Human Paleoeology and Social Evolution - IPHES-CERCA; University of Barcelona, Faculty of Geography and History) - Alonso, Natàlia (Universitat de Lleida. Facultat de Lletres) - Allué, Ethel (Catalan Institute of Human Paleoeology and Social Evolution - IPHES-CERCA; University Rovira and Virgili, Department of History and Art History) - Riera Mora, Santiago (University of Barcelona, Faculty of Geography and History) - Hinojo, Emiliano (Freelance archaeologist) - Miró i Alaix, Carme (Archaeological Service of Barcelona, responsible of Pla Bàrcino, Direcció de Memòria, Història i Patrimoni – Institut de Cultura - ICUB)

11:45 ROMAN FARMERS IN EASTERN IBERIA. SPATIAL, GEOARCHAEOLOGICAL AND BIOARCHAEOLOGICAL APPROACH TO AGRARIAN STRATEGIES

Grau, Ignasi (University of Alicante) - Gutiérrez, Mario (University of Jaén) - Portillo, Marta (IMF-CSIC) - López-Sáez, Jose Antonio (CCHS-CSIC) - Gallelo, Gianni (University of València) - Sarabia, Julia (University of Alicante)

12:00 THE ANIMAL REMAINS FROM ROMAN LISBON: FOUR SITE STUDIES FROM OLISIPO

Santos, Ana (UNIARQ - Centro de Arqueologia da Universidade de Lisboa, FLUL – Faculdade de Letras da Universidade de Lisboa)

12:15 INVESTIGATING WOOD-FUEL USE IN BARCINO (BARCELONA, NE IBERIA): MULTI-SITES CHARCOAL ANALYSIS ALONG THE ROMAN CITY'S WALL AND MOAT (CC.1ST-4TH CE)

Bianco, Sabrina (Catalan Institute of Human Paleoeology and Social Evolution - IPHES-CERCA; University of Barcelona, Faculty of Geography and History) - Picornell-Gelabert, Llorenç (University of Balearic Islands, ArqueoUIB research group, Department fo Historic Sciences and Theory of Arts) - Allué, Ethel (Catalan Institute of Human Paleoeology and Social Evolution - IPHES-CERCA; University Rovira and Virgili, Department of History and Art History) - Riera Mora, Santiago (University of Barcelona, Faculty of Geography and History) - Miró i Alaix, Carme (Archaeological Service of Barcelona, responsible of Pla Bàrcino, Direcció de Memòria, Història i Patrimoni – Institut de Cultura - ICUB)

12:30 DISCUSSION SLOT

POSTERS

A. BIOLOGICAL RESOURCES IN THE PALEOECONOMY OF HALMYRIS - A ROMAN SETTLEMENT IN SOUTHEAST ROMANIA

Stanc, Simina Margareta (Alexandru Ioan Cuza University of Iași) - Nuțu, George (Eco-Museum Research Institute of Tulcea) - Danu, Mihaela - Bejenaru, Luminița (Alexandru Ioan Cuza University of Iași)

B. ARCHAEOZOOLOGICAL EVIDENCE ON EATING HABITS IN THE LIMES OUTPOSTS AT THE NORTH-WESTERN ROMAN FRONTIER OF DACIA POROLISSENSIS

Malaxa, Daniel (Alexandru Ioan Cuza University of Iasi; Iași Institute of Archaeology) - Cociș, Horațiu (Zalău County Museum of History and Art) - Stanc, Simina (Alexandru Ioan Cuza University of Iasi)

53 TECHNOLOGY, REGIONALISATION AND ENVIRONMENTAL ADAPTATION IN EUROPE AND BEYOND



Palaeolithic and Mesolithic

Room: Building R, room E151

Time: 8:30 - 10:30

Theme: 5. Climate Change and Socioenvironmental Perspectives

Format: Discussion session

Organisers: Meyer, Ann-Katrin (University of Hamburg) - Chaudesaigues-Clausen, Solveig (University of Bergen)

PAPERS

8:30 INTRODUCTION

8:45 THE NEW COOL THING - DIFFUSION OF A LITHIC TECHNOLOGY DURING THE MESOLITHIC IN NORTHERN EUROPE

Söderlind, Sandra (Museum Lolland-Falster)

9:00 REGIONAL FISHERIES IN LATE MESOLITHIC DENMARK: THE INTERPLAY OF FISH, PEOPLE, TECHNOLOGY, AND ENVIRONMENT

Ritchie, Kenneth - Astrup, Peter (Moesgaard Museum) - Robson, Harry (University of York) - Andersen, Søren (Moesgaard Museum)

9:15 DISCUSSION SLOT

9:30 IMPROVED AMS 14C-BASED CHRONOLOGY OF THE EARLY AND LATE HOLOCENE OSSEOUS IMPLEMENTS FROM BIRŽULIS LAKE AREA, WESTERN LITHUANIA

Iršenas, Marius - Rimkus, Tomas - Butrimas, Adomas (Vilnius Academy of Arts)

9:45 DISCUSSION SLOT

POSTERS

- A. SEMIROM COUNTY (SOUTH OF IRAN) IN PREHISTORIC PERIODS, SETTLEMENTS AND POPULATION FLUCTUATIONS**
Taheri, Mohammad Hossin (University of Tehran) - Khoshdast, Amir Hossein (Science and Research Branch Islamic Azad University)

90 THE TECHNOLOGY AND USE OF METALS IN THE PREHISTORIC EASTERN MEDITERRANEAN: RECENT ADVANCES THROUGH MICROSCALE ANALYSIS

- Room:** Main building, room 138
Time: 8:30 - 10:30
Theme: 6. A Decade after the 'Third Science Revolution in Archaeology'
Format: Regular session
Organisers: Aulsebrook, Stephanie (University of Warsaw) - Ramé, Betty (ArScAn - Archéologie et Science de l'Antiquité - UMR 7041) - Martin, Valentine (University Paris 1 Panthéon-Sorbonne; ArScAn - Archéologie et Science de l'Antiquité - UMR 7041)

PAPERS

- 8:30 OF PEOPLE AND METALS: CROSS-MATERIAL MICROANALYSIS REVEALS USES OF PREHISTORIC DAGGERS**
Dolfini, Andrea - Caricola, Isabella (Newcastle University)
- 8:45 USING MICROSCOPY TO UNLOCK OBJECT BIOGRAPHIES: CASE STUDIES FROM LATE BRONZE AGE MYCENAE**
Aulsebrook, Stephanie (University of Warsaw)
- 9:00 MICROSCALE ANALYSIS ON THE FIRST METAL OF GREECE: A METHODOLOGICAL WAY TO RECONSTRUCT MANUFACTURING PROCESSES FOR NEOLITHIC METAL OBJECTS**
Martin, Valentine (University Paris 1 Panthéon-Sorbonne; UMR 7041 ArScAn)
- 9:15 DISCUSSION SLOT**
- 9:30 METAL OBJECTS FROM NORTHERN AEGEAN, GREECE: AN EBA HOARD FROM MESI GLYFADA SEA**
Nikolopoulou, Athina (National and Kapodistrian University of Athens; INN NCSR DEMOKRITOS) - Filippaki, Eleni (INN NCSR DEMOKRITOS)

- 9:45 PRELIMINARY RESULTS OF METALS RESEARCH FROM IRON AGE ASHDOD-YAM**
Mazis, Matasha (Technical University Darmstadt) - Fantalkin, Alexander (Tel Aviv University)
- 10:00 SHEDDING LIGHT ON EGYPTIAN MIRRORS: NEW INSIGHT INTO THEIR MANUFACTURE**
Thomas, Elizabeth (University of Liverpool; AHRC NWCDTP)
- 10:15 DISCUSSION SLOT**

POSTERS

- A. NON-DESTRUCTIVE AND NON-INVASIVE INVESTIGATIONS TO STUDY BRONZE AGE METALS FROM THE AEGEAN**
Giardino, Claudio - Zappatore, Tiziana (University of Salento) - Dell'Aquila, Daniele (Department of Chemistry and Pharmacy, University of Sassari; NFN-Southern National Laboratories, Catania)

93 BEYOND THE CHRONOLOGY AND PATHWAYS OF DISPERSAL: REASONING THE USE AND ABANDONMENT OF BROOMCORN MILLET CULTIVATION ACROSS EURASIA

- Room:** Main building, room 252
Time: 8:30 - 13:00
Theme: 6. A Decade after the 'Third Science Revolution in Archaeology'
Format: Regular session
Organisers: Motuzaitė Matuzevičiūtė KEEN, Giedre (Department of Archaeology, Vilnius University; Department of City Research, Lithuanian Institute of History) - Pospieszny, Łukasz (Institute of Archaeology and Ethnology of the Polish Academy of Sciences, Poznań; School of Earth Sciences, University of Bristol)

PAPERS

- 8:30 INTRODUCTION**
- 8:45 THE USE OF MILLET BY THE SCYTHIAN SOCIETIES OF EASTERN EUROPE FOREST-STEPPE ZONE: A MARKER OF CULTURAL MIXING?**
Dobrovolskaya, Maria (-) - Nelubov, Sergey (-)
- 9:00 GRAINS AND SKELETONS: LIGHTS AND SHADOWS OF THE BROOMCORN MILLET CULTIVATION AND CONSUMPTION IN THE IBERIAN PENINSULA**
Teira-Brión, Andrés (University of Oxford) - López-Costas, Olalla (Universidade de Santiago de Compostela)

- 9:15 ENVIRONMENTAL AND CULTURAL FACTORS IN THE USE OF BROOMCORN MILLET IN THE WESTERN HIMALAYAS**
Spate, Michael - Betts, Alison (University of Sydney) - Yattoo, Mumtaz (University of Kashmir)
- 9:30 SUBSISTENCE STRATEGIES FROM VALDARO (MANTUA, ITALY) DURING THE ITALIAN PROTOHISTORY**
Cortese, Francesca (Department of History, Humanities and Society, University of Rome Tor Vergata) - De Angelis, Flavio (Centre of Molecular Anthropology for Ancient DNA Studies, University of Rome Tor Vergata) - Bontempo, Luana (Edmund Mach Foundation, Food Quality and Nutrition Department – Traceability Unit) - Hirose, Mari (Complesso Museale di Palazzo Ducale di Mantova) - Lamanna, Leonardo (Soprintendenza Archeologia, Belle Arti e Paesaggio per le province di Cremona, Lodi e Mantova) - Longhi, Cristina (Soprintendenza Archeologia, Belle Arti e Paesaggio per le province di Bergamo e Brescia) - Rickards, Olga (Centre of Molecular Anthropology for Ancient DNA Studies, University of Rome Tor Vergata) - Rolfo, Mario (Department of History, Humanities and Society, University of Rome Tor Vergata)
- 9:45 RETHINKING GRAIN METRICS AS DOMESTICATION MEASURES: GRAIN SIZE VARIATIONS OF BROOMCORN AND FOXTAIL MILLET ACROSS ASIA, 5000-1500 BC**
Sun, Yufeng - Liu, Xinyi (Washington University in St. Louis)
- 10:00 HOW THEY LIVED? A NOBLE GRAVE AT THE MIKULOV SITE**
Šabatová, Klára (Masaryk University) - Snoeck, Christophe (Vrije Universiteit Brussel) - Baldovič, Marian (Comenius University) - Hájnalová, Mária (Constantine the Philosopher University Nitra) - Parma, David (Institute for Archaeological Heritage Brno) - Pospieszny, Lukasz (University of Bristol) - Trampota, František (Regional Museum in Mikulov) - Vargová, Lenka - Vymazalová, Kateřina (Masaryk University) - Jarošová, Ivana (Freelancer in anthropology)
- 10:15 DISCUSSION SLOT**
- 11:00 EXAMINING BROOMCORN MILLET CULTIVATION IN LITHUANIA IN THE 16TH–18TH CENTURIES**
Lauzikas, Rimvydas (Vilnius University Faculty of Communication)
- 11:15 REVISITING THE PRESENCE OF MILLETS IN THE ARCHAEOLOGICAL RECORD**
Lancelotti, Carla (CaSEs Research Group, Department of Humanities, Università Pompeu Fabra; ICREA) - Jimenéz-Arteaga, Carolina (CaSEs Research Group, Department of Humanities, Università Pompeu Fabra) - Abro, Tasleem (Department of Archaeology, Shah Abdul Latif

University) - Balossi, Francesca (Dipartimento di Scienze dell'Antichità dell'Università Sapienza di Roma) - D'Andrea, Catherine (Department of Archaeology, Simon Fraser University) - Ruiz-Giralt, Abel - Santiago-Marerro, Carlos (CaSEs Research Group, Department of Humanities, Università Pompeu Fabra) - Usai, Donatella (Centro Studi Sudanesi e Sub-Sahariani) - Madella, Marco (CaSEs Research Group, Department of Humanities, Università Pompeu Fabra; ICREA) - Chandio, Amin (Department of Archaeology, Shah Abdul Latif University)

11:30 WHEN DID THE COMMON MILLET BECOME COMMONLY EATEN? OLD AND NEW BOTANICAL AND ISOTOPIC EVIDENCE FROM NORTHERN CENTRAL EUROPE

Pospieszny, Lukasz (Bristol Isotope Group, University of Bristol; Institute of Archaeology and Ethnology, Polish Academy of Sciences) - Rennwanz, Joanna (Institute of Archaeology and Ethnology, Polish Academy of Sciences)

11:45 PREHISTORIC GLOBALIZATION OF FOOD VALUES: EFFECTS OF CULTURAL CONDITIONS ON NON-NATIVE CULTIGENS

Liu, Xinyi (Washington University in St. Louis)

12:00 DETECTION OF MILIACIN IN ARCHAEOLOGICAL DEPOSITS ILLUSTRATES THE EXTENT OF BROOMCORN MILLET CULTIVATION IN ANCIENT CENTRAL ASIA

Motuzaitė Matuzeviciūtė Keen, Giedre (Vilnius University; Lithuanian Institute of History) - Jacob, Jérémy (Laboratoire des Sciences du Climat et de l'Environnement, CEA-CNRS-UVSQ, Université Paris-Saclay) - Hermes, Taylor (Max Planck Institute for Evolutionary Anthropology) - Frachetti, Michael (Washington University in St. Louis)

12:15 INVESTIGATING THE USE OF BROOMCORN MILLET USING MOLECULAR AND COMPOUND-SPECIFIC STABLE CARBON ISOTOPIC ANALYSES OF POTTERY VESSELS

Zhang, Mengyao - Roffet-Salque, Melanie (Organic Geochemistry Unit, School of Chemistry, University of Bristol) - Pospieszny, Łukasz (Institute of Archaeology and Ethnology of the Polish Academy of Sciences, Poznań; School of Earth Sciences, University of Bristol) - Evershed, Richard (Organic Geochemistry Unit, School of Chemistry, University of Bristol)

12:30 DISCUSSION SLOT

POSTERS

- A. ORIGIN AND EVOLUTION OF MILLET CULTIVATION IN THE IBERIAN PENINSULA'S MEDITERRANEAN AREA (13TH CENTURY BC - 13TH CENTURY AD)**
Alonso, Natàlia (University of Lleida) - Pérez-Jordà, Guillem (University of València)

96 NEITHER RIVER NOR LAKE: HUMAN-MADE 'WATERSCAPES'. THE USE OF GROUND- AND RAINWATER IN NEOLITHIC TIMES

- Room:** Building A, room 329
Time: 16:30 - 18:30
Theme: 5. Climate Change and Socioenvironmental Perspectives
Format: Regular session
Organisers: Staeuble, Harald (Archaeological Heritage Office Saxony) - Pyzel, Joanna (University of Gdansk) - Vostrovská, Ivana (Palacký University Olomouc) - Tóth, Kristián (Dornyay Béla Museum of Salgótarján)

PAPERS

- 16:30 WELL, WELL, WELL, WAS THE WATER SO PRECIOUS FOR EARLY AGRICULTURAL SOCIETIES?**
Tóth, Krisztián (Dornyay Béla Museum) - Csengeri, Piroska - Hajdú, Melinda (Herman Ottó Museum)
- 16:45 WELLS AND WATER HOLES OF THE LBK IN KUYAVIA, CENTRAL POLAND**
Pyzel, Joanna (University of Gdansk) - Kittel, Piotr (University of Lodz) - Muzolf, Błażej (Museum of Archaeology and Ethnography in Lodz)
- 17:00 NEOLITHIC WELLS IN MORAVIA IN THE LIGHT OF RECENT ARCHAEOLOGICAL AND ENVIRONMENTAL RESEARCH**
Kalabková, Pavlína - Vostrovská, Ivana (Palacký University Olomouc)
- 17:15 DISCUSSION SLOT**
- 17:30 WHERE WAS THE WATER? GEOARCHAEOLOGICAL INVESTIGATIONS REGARDING THE FORMER GROUNDWATER TABLE OF EARLY NEOLITHIC WELLS IN NW-SAXONY**
Tinapp, Christian (Saxonian Heritage office)
- 17:45 CONSIDERATIONS ON THE SETTLEMENT PATTERN WITH WELLS IN THE EARLY NEOLITHIC SETTLEMENT AREA OF EYTHRA, SAXONY, GERMANY**
Staeuble, Harald (Archaeological Heritage Office Saxony)

- 18:00 IS ALL WELL? SEVEN PRESERVED WOODEN CONSTRUCTIONS FROM THE LBK-SITE DROSSDORF, LEIPZIG COUNTY, SAXONY, GERMANY**
Schell, Frank - Kretschmer, Saskia - Stäuble, Harald (Landesamt für Archäologie Sachsen / Archaeological Heritage Office Saxony)

- 18:15 DISCUSSION SLOT**

112 PREHISTORIC INTER-SOCIETAL DYNAMICS ALONG THE ATLANTIC FAÇADE II. NEOLITHIC TO THE IRON AGE

- Room:** Building A, room 39
Time: 16:30 - 18:30
Theme: 2. [Re]integration
Format: Regular session
Organisers: Carrero-Pazos, Miguel (UCL Institute of Archaeology; University of Oviedo) - Higginbottom, Gail (Incipit, CSIC)

PAPERS

- 16:30 FROM BIG STONES TO A BIGGER PICTURE: THE DEVELOPMENT OF THE MEGALITHIC PHENOMENON IN NORTHWESTERN EUROPE**
Brinkmann, Johanna (Institut fuer Ur- und Fruehgeschichte Kiel)
- 16:45 DOLMENS OF IBERIA: THE PLACE WHERE TECHNOLOGY, NATURE AND COSMOLOGY MEET**
Higginbottom, Gail (El Instituto de Ciencias del Patrimonio - Incipit, CSIC) - Cesar González-García, Cesar (Incipit, CSIC) - Vilas-Estévez, Benito (University of Vigo - Pontevedra; Abore Arqueoloxia) - Criado Boado, Felipe (Incipit, CSIC)
- 17:00 REGIONAL IDENTITIES AND CULTURAL VARIATION IN THE SOUTH NORWEGIAN NEOLITHIC (CA. 4000-1700 BC)**
Olsen, Dag Erik (Museum of Cultural History, University of Oslo)
- 17:15 DISCUSSION SLOT**
- 17:30 TRACING CONNECTIONS ACROSS THE IRISH SEA – ORGANIC RESIDUE ANALYSIS OF MIDDLE AND LATE NEOLITHIC POTTERY FROM NORTH WALES**
Olet, Lilly - Evershed, Richard (University of Bristol - Organic Geochemistry Unit) - Smyth, Jessica (University College Dublin - School of Archaeology)
- 17:45 GOING NORTH: TIN, MOBILITY AND INTERACTION IN ATLANTIC IBERIA DURING THE LATE BRONZE AGE**
Rodríguez Corral, Javier (Departament of Prehistory and Archaeology, Universidad de Sevilla) - Rodríguez Rellán, Carlos (Department of Prehistory and Archaeology, University de Granada)

- 18:00 ZOOMORPHIC SCULPTURES FROM THE II IRON AGE IN THE IBERIAN PENINSULA-NEW CONTRIBUTIONS TO THE STUDY AND UNDERSTANDING OF THE PHENOMENON**
Soares, Inês (Mestre em Arqueologia e Território pela Faculdade de Letras da Universidade de Coimbra) - Osório, Marcos (Instituto de Arqueologia da Faculdade de Letras da Universidade de Coimbra, CEAACP)
- 18:15 DISCUSSION SLOT**

127 INTEGRATIONS, INTERACTIONS, AND INTERSECTIONS IN ISLAMIC ARCHAEOLOGIES OF AFRO-EURASIA

Room: Building B, room 242

Time: 8:30 - 15:30

Theme: 2. [Re]integration

Format: Regular session

Organisers: Shingiray, Irina (University of Oxford) - Belyaev, Leonid (-) - Carvajal Lopez, Jose (University of Leicester) - Govantes Edwards, David (University of Córdoba)



PAPERS

- 8:30 THE UNBEARABLE LIGHTNESS OF AL-ANDALUS: POLITICS, ARCHAEOLOGY AND INTANGIBLE FRONTIERS**
Govantes Edwards, David (University of Córdoba)
- 8:45 NEW DIACHRONIC APPROACH AND THE ISLAMIZATION OF THE MOUNTAIN LANDSCAPE**
Berrica, Silvia (Universidad de Alcalá)
- 9:00 MOSQUES, OTHER PLACES OF WORSHIP, AND THE LANDSCAPE DURING EARLY ISLAM: ARCHAEOLOGICAL, EPIGRAPHIC, AND HISTORICAL PERSPECTIVES**
Nol, Hagit (Université libre de Bruxelles)
- 9:15 DISCUSSION SLOT**
- 9:30 NOMADS OF QATAR? THE EMERGENCE OF BEDOUIN COMMUNITIES IN THE PERSIAN-ARABIAN GULF**
Carvajal Lopez, Jose (University of Leicester)
- 9:45 MORE THAN MEETS THE EYE: EARLY ISLAMIC NOMADIC AND URBAN INTERACTIONS AND INTERSECTIONS IN THE NORTH CASPIAN STEPPE REGION**
Shingiray, Irina (University of Oxford)

- 10:00 BEYOND SULTANATES: MUSLIM NARRATIVES IN THE MEDIEVAL HORN OF AFRICA**
de Torres Rodríguez, Jorge - Cornax Gómez, Carolina (Incipit - Institute of Heritage Sciences)
- 10:15 DISCUSSION SLOT**
- 11:00 ARCHAEOLOGY OF THE ITALIAN PRESENCE IN MEDIEVAL ISLAMIC MURCIA (12TH-13TH CENTURIES)**
Hernández Robles, Alicia - Eiroa Rodríguez, Jorge A. (University of Murcia) - Gómez Ródenas, Mariángeles (Servicio de Museos y Exposiciones. Dirección General de Bienes Culturales de Murcia) - Guillermo Martínez, Martín (Museo Teatro Romano de Cartagena)
- 11:15 INTEGRATION, INTERACTION AND INTERSECTION IN ISLAMIC CULTURE AT THE END OF XIII- XV CENTURY IN THE NORTH BLACK SEA AREA**
Biliaieva, Svitlana (Institute of Archaeology of National Academy of sciences of Ukraine; Uman State Pedagogical University)
- 11:30 ISLAMIC ARCHITECTURE AND DIVERSITY OF BURIAL RITES OF THE JOCHI KHAN MAUSOLEUM IN CENTRAL KAZAKHSTAN**
Usmanova, Emma (Buketov Karaganda University Saryarka Archaeological Institute) - Panyushkina, Irina (University of Arizona Laboratory of Tree-Ring Research Tucson) - Kozha, Mukhtar (Research Institute of Archeology of the H.A. Yasawi International Kazakh-Turkish University) - Uskenbay, Kanat (Institute for Humanitarian Studies, ABDI) - Dzhumabekov, Dzhambul (Buketov Karaganda University) - Akhatov, Gaziz (Margulan Institute of Archeology)
- 11:45 DISCUSSION SLOT**
- 12:00 UNDOCUMENTED VESSELS FROM THE NATIONAL MUSEUM OF ALEPPO**
Hamwi, Rahaf (Pázmány Péter Catholic University; Directorate General of Antiquities and Museums - Syria)
- 12:15 FROM THE BYZANTINE TO THE OTTOMAN CITY: THE INTEGRATION AND CONTINUITY OF URBAN CERAMIC PRODUCTION IN THESSALONIKI (THE 13TH-19TH CENTURIES)**
Živkovic, Jelena (The Cyprus Institute)
- 12:30 CONNECTION AND DISCONNECTION: RECONSTRUCTING ROUTS THROUGH AND BEYOND THE RANIA PLAIN, IN IRAQI KURDISTAN**
Németh, Fruzsina (Eötvös Loránd University)
- 12:45 DISCUSSION SLOT**
- 14:00 OTTOMANS IN KAMIANETS-PODILSKYI**
Vynogrodskaya, Larysa (Institute of Archaeology National Academy of Sciences of Ukraine)

14:15 PERSIAN STONE CARVERS IN THE 17TH CENTURY MOSCOW KREMLIN
Belyaev, Leonid (-)

14:30 DISCUSSION SLOT

128 ABOVE AND AROUND 60 DEGREES NORTH: MOVEMENT OF IDEAS, PRACTICES, MATERIALS AND PEOPLE AD 300-1300

Room: Gólyavár, Pázmány Péter room

Time: 8:30 - 13:00

Theme: 4. Polis, Empire, League and Beyond – Living in Interconnected Societies

Format: Regular session

Organisers: Hillerdal, Charlotta (University of Aberdeen) - Ilves, Kristin (University of Helsinki)

PAPERS

8:30 INTRODUCTION

8:45 NEW MATERIAL EVIDENCE TO MIGRATION FROM THE SIBERIAN NORTH TO THE TRANS-URALS

Zelenkov, Alexander (-) - Matveeva, Natalia (-) - Tretjakov, Evgeniy (-)

9:00 INDICATIONS OF EASTERN CONTACTS IN LATE IRON AGE NORTHERN SWEDEN

Hillerdal, Charlotta (Department of Archaeology, St. Marys Building, University of Aberdeen)

9:15 PASTORAL GRAVE GOODS IN CENTRAL SWEDEN DURING THE VIKING AGE AND THEIR IMPLICATIONS

Rose, Samantha (University of Aberdeen)

9:30 IDENTIFYING LOCAL CERAMIC 'FINGERPRINT' THROUGH GEOCHEMICAL ANALYSIS ON ÅLANDIC LATE IRON AGE POTTERY

Holmqvist-Sipilä, Elisabeth - Ilves, Kristin (University of Helsinki)

9:45 CLAY PAW BURIAL RITE OF THE ÅLAND ISLANDS AND THE MEANING OF CLAY

Ilves, Kristin - Holmqvist, Elisabeth (University of Helsinki)

10:00 DISCUSSION SLOT

11:00 WHAT STABLE ISOTOPES TELL ABOUT THE EARLY MEDIEVAL PEOPLE BURIED INTO THE LUISTARI SITE IN FINLAND?

Etu-Sihvola, Heli (Laboratory of Chronology, University of Helsinki) - Salo, Kati (University of Helsinki) - Arppe, Laura (Laboratory of Chronology, University of Helsinki)

11:15 ADAPTATION OF CULTURAL FEATURES IN A DECENTRALIZED NETWORK – BURIAL PRACTICES OF NORTHERN FENNOSCANDIA BETWEEN 9TH AND 16TH CENTURIES AD

Puolakka, Hanna-Leena (University of Oulu) - Kuusela, Jari-Matti (The Regional Museum of Lapland)

11:30 MEDIEVAL MOVEMENTS ALONG THE FJORD AND BEYOND IN ARCTIC ICELAND

Harrison, Ramona (University of Bergen)

11:45 MIGRATION, SETTLEMENT STRATEGIES AND MARITIME RELATIONS IN NW ICELAND DURING THE VIKING AGE

Guðmundsdóttir, Lísabet (Institute of Archaeology Iceland) - Ramstad, Morten (University Museum of Bergen)

12:00 THE BASILICA OF EDSLESKOG - THE OLDEST BRICK BUILDING IN MEDIEVAL SWEDEN

Lazarides, Anton - Mühlenbock, Christian - Beckman, Anna (Lödöse museum)

12:15 DISCUSSION SLOT

149 INTERACTIONS, INNOVATION AND COMMUNICATION IN THE LATE NEOLITHIC AND COPPER AGE

Room: Building A, room 47

Time: 8:30 - 18:30

Theme: 2. [Re]integration

Format: Regular session

Organisers: Siklósi, Zsuzsanna (Eötvös Loránd University) - Hofmann, Daniela (University of Bergen) - Szilágyi, Márton (Eötvös Loránd University)

PAPERS

8:30 INTRODUCTION: INTERACTIONS, INNOVATION AND COMMUNICATION IN THE LATE NEOLITHIC AND COPPER AGE

Siklósi, Zsuzsanna (Eötvös Loránd University) - Hofmann, Daniela (University of Bergen) - Szilágyi, Márton (Eötvös Loránd University)

8:45 INNOVATIONS AND INTERACTIONS IN THE LATER NEOLITHIC FROM THE DNIEPER TO THE VOLGA

Vybornov, Alexander (-) - Doga, Natalya (-) - Kulkova, Marianna (-)

9:00 WHERE THE WILD THINGS ARE

Csippán, Péter (Eötvös Loránd University) - Tóth, Zsuzsanna (Hungarian National Museum)

- 9:15 PATTERNS OF CULTURAL INTERACTION AND GROUP IDENTITY FORMATION AS REFLECTED BY A LATE NEOLITHIC COMMUNITY IN THE MIDDLE TISZA REGION**
Sebok, Katalin (Csippán, Péter - Faragó, Norbert (Institute of Archaeological Sciences, Eötvös Loránd University, Budapest) - Hajdu, Tamás - Köhler, Kitty (Department of Biological Anthropology, Eötvös Loránd University, Budapest) - Kreiter, Attila (Laboratory for Applied Research, Hungarian National Museum, Budapest) - Mörseburg, Alexander (Department of Archaeology and Anthropology, University of Cambridge, Cambridge) - Siklósi, Zsuzsanna (Institute of Archaeological Sciences, Eötvös Loránd University, Budapest) - Szécsényi-Nagy, Anna (Institute of Archaeogenomics, Research Centre for the Humanities, Budapest) - Tóth, Zsuzsanna (Hungarian National Museum, Budapest)
- 9:30 PERIPHERY AND THE CENTRE: SOUTHEASTERN ALPS IN THE FIFTH MILLENNIUM BC**
Mlekuž Vrhovnik, Dimitrij (University of Ljubljana; Institute for the protection of the cultural heritage of Slovenia)
- 9:45 WE TURNED OUR GAZE FROM THE CASTLES IN THE DISTANCE: MAGNETIC PROSPECTION AT BODROGKERESZTÚR SITES IN SOUTHEASTERN HUNGARY**
Ridge, William (University of Illinois at Chicago) - Sarris, Apostolos ("Syl-
via Ioannou" Chair for Digital Humanities, University of Cyprus)
- 10:00 THE FAINT TRACES OF AN ECONOMIC AND POLITICAL HUB AT 4000 BCE IN CENTRAL EUROPE**
Gronenborn, Detlef - Antunes, Nicolas (Leibniz Reserach Institute for Archaeology - RGZM)
- 10:15 DISCUSSION SLOT**
- 11:00 CONNECTIONS AND INTERACTIONS: LASINJA CULTURE AND ITS NEIGHBORS**
Cataj, Lea (Croatian Conservation Institute)
- 11:15 DISTRIBUTION OF RAW MATERIALS OF THE CHIPPED STONE INDUSTRY DURING THE 5TH MILLENNIUM BC IN THE MORAVA RIVER BASIN**
Trampota, Frantisek (Institute of Archaeology of the Academy of Sciences of the Czech Republic)
- 11:30 CONNECTING FRAGMENTS. BAVARIAN LATE NEOLITHIC POTTERY AND ITS NETWORKS**
Szilágyi, Márton (Eötvös Loránd University) - Dunne, Julie (University of Bristol) - Helfert, Markus (Goethe University Frankfurt) - Ramminger, Britta (University of Hamburg) - Hofmann, Daniela (University of Bergen)

- 11:45 BETTER THAN OUR NEIGHBOURS? THE RIEDLING ENCLOSURE AS A SIGNIFICANT PLACE IN THE YOUNGER NEOLITHIC**
Hofmann, Daniela (University of Bergen) - Szilágyi, Marton (Eotvos Lo-
rand University Budapest) - Griffiths, Seren (Manchester Metropolitan University) - Husty, Ludwig (Kreisarchaeologie Straubing-Bogen)
- 12:00 DEPOSITIONAL PRACTICES AT THE RONDEL-TYPE ENCLOSURE OF STAMBOLIYSKI IN BULGARIAN THRACE**
Katsarov, Georgi - Nikolova, Nikolina - Tsurev, Atanas - Bacvarov, Krum (National Institute of Archaeology & Museum, Bulgarian Academy of Sciences)
- 12:15 A QUANTITATIVE EXPLORATION OF FUNERARY ASSEMBLAGES AS AN ARCHIVE OF MORTUARY INEQUALITY IN THE CHALCOLITHIC**
Brummack, Sven (Freie Universität Berlin)
- 12:30 DISCUSSION SLOT**
- 14:00 THE RISE OF METALLURGY AND 7000 YEARS OF ANTHROPOGENIC METAL POLLUTION IN SOUTHEASTERN EUROPE**
Veres, Daniel (Romanian Academy, Institute of Speleology, Cluj-Na-
poca) - Longman, Jack (Marine Isotope Geochemistry, Institute for Chemistry and Biology of the Marine Environment - ICBM, University of Oldenburg) - Chauvel, Catherine (Institut de Physique du Globe de Paris, University of Paris, CNRS) - Tamas, Calin (Faculty of Biology and Geology, University Babeş Bolyai) - Haliuc, Aritina (Romanian Academy, Institute of Speleology, Cluj-Napoca) - Gogaltan, Florin (Institutul de Arheologie al Academiei, Cluj-Napoca)
- 14:15 FIFTH MILLENNIUM BC MINIATURE CERAMIC BOTTLES FROM THE SOUTH-EASTERN PREALPS AND CENTRAL BALKANS: THE RESULTS OF THE MULTI-DISCIPLINARY STUDY**
Kramberger, Bine (Institute for the protection of cultural heritage of Slovenia) - Berthold, Christoph (Eberhard Karls Universität Tübingen, Competence Center Archaeometry – Baden-Wuerttemberg CCA-
BW) - Spiteri, Cynthia (Eberhard Karls Universität Tübingen, Institute of Prehistory, Early History and Medieval Archaeology)
- 14:30 SHAPING THE METAL. NEW WAVES OF DEVELOPMENT IN THE ENEOLITHIC PERIOD IN THE KODŽADERMEN-GUMELNIŢA-KARANOVO VI AREA**
Darie, Adelina (Bucharest Municipality Museum) - Lazăr, Cătălin (Research Institute of the University of Bucharest - ICUB, University of Bucharest)

14:45 SPREAD OF THE PRODUCTS AND TECHNOLOGY OF METALLURGY VIA THE CARPATHIAN BASIN IN THE 5TH MILLENNIUM BCE

Siklósi, Zsuzsanna (Eötvös Loránd University) - Virág, Zsuzsanna (Budapest History Museum) - Villa, Igor (Institute of Geology, University of Bern; Centro Universitario Datazioni e Archeometria, Università di Milano Bicocca) - Mozgai, Viktória - Bajnóczy, Bernadett (Institute for Geological and Geochemical Research, Research Centre for Astronomy and Earth Sciences, Eötvös Loránd Research Network - ELKH) - Hornok, Péter (Vas County Government Office Department of Construction and Heritage Protection) - Kiss, Péter (Savaria Museum) - Kraus, Dávid - Tóth, Márton (Budapest History Museum)

15:00 PROVENANCE, CHRONOLOGY AND POSSIBLE DISTRIBUTION ROUTES OF THE EARLY ENEOLITHIC COPPER ARTEFACTS FROM LESSER POLAND. NEW FACTS, NEW INTERPRETATIONS

Wilk, Stanislaw (Jagiellonian University in Krakow, Institute of Archaeology; The Karkonosze Museum in Jelenia Góra) - Stos-Gale, Zofia (University of Gothenburg Department of Historical Studies: Archaeology) - Schwab, Roland (Curt-Engelhorn-Centre of Archaeometry gGmbH) - Sych, Dawid (Independent Researcher)

15:15 A MISSED INNOVATION OR A COLLAPSED NETWORK? A "NEW" COPPER HOARD FROM NEUENKIRCHEN (NORTH-EASTERN GERMANY)

Skorna, Henry (Institut fuer Ur- und Fruehgeschichte Kiel; Cluster of Excellence Roots, Kiel University)

15:30 THE LITTLE COOPER AGE OF SOUTHERN SCANDINAVIA

Johannsen, Niels (University Of Aarhus, Section For Anthropology)

15:45 DISCUSSION SLOT

16:30 RECENTLY DISCOVERED MIDDLE COPPER AGE SETTLEMENT IN BUDAPEST

Kraus, David - Virág, Zsuzsanna - Tóth, Márton (Budapest History Museum) - Siklósi, Zsuzsanna (Eötvös Loránd University)

16:45 INTERDISCIPLINARY ANALYSES OF LATE COPPER AGE CEMETERIES FROM SOUTHERN TRANS-DANUBIA (HUNGARY)

Gerber, Dániel (Institute of Archaeogenomics, RCH, ELKH, Budapest) - Jakucs, János - Rácz, Piroska (Institute of Archaeology, RCH, ELKH, Budapest) - Somogyi, Krisztina - Honti, Szilvia (Rippl-Rónai Museum, Kaposvár) - Mende, Balázs (Institute of Archaeogenomics, RCH, ELKH, Budapest) - Bondár, Mária (Institute of Archaeology, RCH, ELKH, Budapest) - Szécsényi-Nagy, Anna (Institute of Archaeogenomics, RCH, ELKH, Budapest)

17:00 „THERE AND BACK AGAIN” – FROM PITS TO THE ECONOMY. SITE-BASED RESEARCH IN THE LATE COPPER AGE, CARPATHIAN BASIN

Rajna, András (Ferenczy Museum Center) - Fábrián, Szilvia - Berente, Zoltán - Czifra, Szabolcs - Klinga, Flóra (Hungarian National Museum) - Marton, Tibor (Institute of Archaeology, Research Centre for the Humanities, Eötvös Loránd Research Network) - Priskin, Anna (Museum Déri, Debrecen)

17:15 LIVING WITH CATTLE IN THE ENEOLITHIC OF EASTERN CROATIA

Pasaric, Maja (Institute of Ethnology and Folklore Research)

17:30 INVENTIONS, INNOVATIONS AND THE ORIGINS OF SPELT WHEAT

Lechterbeck, Jutta (Arkeologisk Museum University of Stavanger) - Kerig, Tim (Roots CAU Kiel) - Bevan, Andrew (Institute of Archaeology University College London)

17:45 DISCUSSION SLOT

POSTERS

A. A UNIQUE MEGALITHIC FIND FROM THE GREAT HUNGARIAN PLAIN

Bóka, Gergely (HNM) - Gyucha, Attila (University of Georgia)

B. THE DIETARY IMPACT OF THE YAMNAYA HORIZON ON CONTEMPORARY AGRICULTURALIST POPULATIONS IN THE BALKANS

Sandoval, Elena (University of Bristol; YMPACT project)

161 PERIPHERAL REGIONS IN THE PREHISTORY OF TEMPERATE EUROPE

Room: Building A, room 150

Time: 16:30 - 18:30

Theme: 5. Climate Change and Socioenvironmental Perspectives

Format: Regular session

Organisers: Vondrovský, Václav (Institute of Archaeology of the Czech Academy of Sciences, Prague) - Ptáková, Michaela (University of South Bohemia) - Pechtl, Joachim (University of Innsbruck)

PAPERS

16:30 PREHISTORIC RURAL SETTLEMENT CONTINUITY ON THE NORTHERN FRANCONIAN JURA. ARCHAEOLOGICAL AND GEOARCHAEOLOGICAL INSIGHTS FROM THE SITE „GÖRAUER ANGER“ (BAVARIA, GERMANY)

Seregély, Timo (Pre- and Protohistoric Archaeology, University of Bamberg) - Kothieringer, Katja (Digital Geoarchaeology, University of Bamberg)

- 16:45 NEOLITHIC SETTLEMENT ON THE PERIPHERAL AREAS OF LOESS UPLANDS NORTH OF THE CARPATHIANS (A CASE STUDY FROM THE SANDOMIERZ UPLAND)**
Szeliga, Marcin (Institute of Archaeology, Maria Curie-Skłodowska University in Lublin) - Mroczek, Przemysław - Dobrowolski, Radostaw - Chodorowski, Jacek (Institute of Earth and Environmental Sciences, Maria Curie-Skłodowska University in Lublin) - Lityńska-Zajac, Maria (Institute of Archaeology and Ethnology, Polish Academy of Sciences, Kraków) - Moskal-del Hoyo, Magdalena (W. Szafer Institute of Botany, Polish Academy of Sciences, Kraków) - Pidek, Irena (Institute of Earth and Environmental Sciences, Maria Curie-Skłodowska University in Lublin) - Makowiecki, Daniel (Institute of Archaeology, Nicolaus Copernicus University in Toruń) - Furmanek, Mirosław (Institute of Archaeology, Wrocław University) - Plak, Andrzej (Institute of Earth and Environmental Sciences, Maria Curie-Skłodowska University in Lublin)
- 17:00 FALLEN PERIPHERIES, FALLEN CENTRES. CULTURAL NETWORKS AT THE NORTHERN FRINGE OF THE LA TÈNE WORLD IN THE FINAL CENTURIES BC**
Markiewicz, Joanna (Uniwersytet Wrocławski)
- 17:15 NEOLITHIC HINTERLAND IN SOUTHERN BAVARIA AND THE NORTHERN ALPS BETWEEN STAGNATION AND ADAPTATION**
Pechtl, Joachim (Institute of Archaeology University of Innsbruck)
- 17:30 'LIKE COMMON PEOPLE': BIOMOLECULAR RECONSTRUCTIONS OF THE SUBSISTENCE ECONOMY OF NON-ELITES IN LATE BRONZE AGE GREECE.**
Vika, Efrossini (University of York) - Soncin, Silvia (Sapienza University) - Talbot, Helen - Craig, Oliver - VonTersch, Matthew - Presslee, Samantha - Alexander, Michelle (University of York)
- 17:45 CULTURAL RESILIENCE OF PREHISTORIC PERIPHERIES: A CASE STUDY OF SOUTH BOHEMIA**
Vondrovský, Václav (Institute of Archaeology of the Czech Academy of Sciences, Prague) - Chvojka, Ondřej (University of South Bohemia) - Hlášek, Daniel (Institute of Archaeology of the Czech Academy of Sciences, Prague) - John, Jan (University of South Bohemia) - Šída, Petr (Institute of Archaeology of the Czech Academy of Sciences, Brno) - Pták, Martin - Šálková, Tereza - Ptáková, Michaela (University of South Bohemia)
- 18:00 WHAT HAPPENS IN THE PERIPHERY... EVIDENCE OF PAST ACTIVITIES IN REGIONS WITH SPARSE ARCHAEOLOGICAL FINDS**
Dreslerova, Dagmar - Demján, Peter (Institute of Archaeology of the Academy of Sciences of the Czech Republic, Prague)
- 18:15 DISCUSSION SLOT**

176 ORNAMENTS AS A KEY TO UNDERSTANDING THE HUNTER-GATHERER TO FARMING TRANSITION IN EUROPE

- Room:** Gólyavár, Pázmány Péter room
Time: 14:00 - 18:30
Theme: 2. [Re]integration
Format: Regular session
Organisers: Martínez-Sevilla, Francisco (University of Alcalá) - Baysal, Emma (Ankara University)

PAPERS

- 14:00 INTRODUCTION**
- 14:15 THE ORIGINS OF POTTERY ORNAMENTATION**
Gralak, Tomasz (University of Wrocław)
- 14:30 TRANSFORMATION AND CONSERVATION: LEARNING AND MEMORY AT THE EPIPALAEOLITHIC/NEOLITHIC TRANSITION IN TURKEY**
Baysal, Emma (Ankara University) - Yelözer, Sera (Istanbul University)
- 14:45 PERFORATED BEADS AND ORNAMENTS FROM THE NEW EPIPALAEOLITHIC-NEOLITHIC SITE OF ABRIGO DE ZACATÍN (CASTELL DE FERRO, GRANADA, SPAIN)**
Gutiérrez Frías, Ismael (University of Granada) - Martínez Sánchez, Rafael M (University of Cordoba)
- 15:00 ORNAMENTS AS A KEY TO DEFINE THE ORIGIN OF CULTURAL IDENTITIES IN THE MESOLITHIC-NEOLITHIC TRANSITION IN THE IBERIAN PENINSULA**
Martínez-Sevilla, Francisco (University of Alcalá)
- 15:15 LET'S HANG TOGETHER! VISUAL IDENTITY OF MESOLITHIC GROUPS IN THE EASTERN ADRIATIC REGION**
Cvitkusic, Barbara (Institute for Anthropological Research, Zagreb) - Cristiani, Emanuela (Sapienza University, DANTE - Diet and ANcient TEchnology Laboratory, Roma) - Vujevic, Dario (University of Zadar, Department of Archaeology)
- 15:30 DISCUSSION SLOT**
- 16:30 NETWORK ANALYSIS APPLIED TO THE SPREAD OF SYMBOLIC PRODUCTIONS DURING THE MESOLITHIC-NEOLITHIC TRANSITION IN EUROPE**
Pereira, Daniel - Rigaud, Solange (CNRS; Centre National de la Recherche Scientifique - CNRS, UMR5199 PACEA; University of Bordeaux) - Manen, Claire (CNRS; Centre National de la Recherche Scientifique - CNRS, UMR5608 TRACES; University Jean Jaures Toulouse)

- 16:45 THE HEAD AND THE CROPS. BODY ORNAMENTS AND ADOPTION OF AGRICULTURE IN NORTH-CENTRAL CHILE**
Armstrong, Felipe (Universidad Alberto Hurtado)
- 17:00 FROM SEASHELL TO EGG SHELL: BEADS FROM THE NEOLITHIC OF KAF TAHT EL GHAR (TETOUAN) AND MAGHARAT EL KHIL (TANGIER, MOROCCO)**
Martínez Sánchez, Rafael (University of Granada; University of Cordoba) - Vera Rodríguez, Juan Carlos (University of Huelva) - Perez Jordá, Guillem (Universitat de Valencia) - Peña-Chocarro, Leonor (Instituto de Historia-CSIC)
- 17:15 VARISCITE ADORNMENT PRODUCTION, DISTRIBUTION AND CONSUMPTION IN NORTH-EASTERN IBERIA DURING THE MIDDLE NEOLITHIC: NEW DATA AND A REVIEW**
Garrido Cordero, José Ángel (Departamento de Prehistoria y Arqueología, Universidad de Sevilla) - Odriozola, Carlos P. (Departamento de Prehistoria y Arqueología, Universidad de Sevilla; UNIAEQ. Universidade de Lisboa) - Borrell Tena, Ferrán (Institutió Milà i Fontanals, CSIC) - Sánchez Muñoz, Habana (Departamento de Prehistoria y Arqueología, Universidad de Sevilla)
- 17:30 CALCITE PENDANTS IN SOUTHERN IBERIAN PENINSULA FROM 6TH TO 5TH MILLENNIA BCE: TRANSLUCENCY AND SYMBOLISM IN EARLY NEOLITHIC.**
Garrido Cordero, José Ángel (Departamento de Prehistoria y Arqueología, Universidad de Sevilla) - Odriozola, Carlos P. (Departamento de Prehistoria y Arqueología, Universidad de Sevilla; UNIAEQ. Universidade de Lisboa)
- 17:45 DISCUSSION SLOT**

181 CONTROL THE DIVINE: INTEGRATING SACRED SPACES AND RITUALS AT THE 'FRINGES' (ANCIENT CENTRAL AND SOUTH ASIA)

Room: Building R, room E021

Time: 8:30 - 13:00

Theme: 2. [Re]integration

Format: Regular session

Organisers: Mendoza Sanahuja, Marc (Universitat Autònoma de Barcelona) - Lakshminarayanan, Ashwini (Sapienza Università di Roma)

PAPERS

- 8:30 INTRODUCTION**

- 8:45 TEXTUAL ARCHAEOLOGY: ON SACRED GROVES IN HELLENISED CENTRAL ASIA**
Mendoza Sanahuja, Marc (Universitat Autònoma de Barcelona)
- 9:00 THE HELLENISTIC SANCTUARY IN TORBULOK - A CASE STUDY IN RELIGIOUS INTERACTION?**
Lindström, Gunvor (DAI German Archaeological Institute)
- 9:15 DISCUSSION SLOT**
- 9:30 SHARING THE MORTUARY SPACE: NEW OBSERVATIONS ON THE BURIAL RITUALS IN THE BUKHARA REGION (UZBEKISTAN)**
Wang, Shujing (School of Art and Archaeology, Zhejiang University, China)
- 9:45 THE PRICE OF SALVATION: UNDERSTANDING THE USE OF LATE ANTIQUE COINS ALONG THE SILK ROAD**
Ouellet, Jonathan (Leiden University)
- 10:00 MAKING SPACE FOR BUDDHISM: EARLY BUDDHIST PRACTICE IN HELLENISTIC CENTRAL ASIAN RELIGIOUS SPACES**
Ross, Edward (University of Reading)
- 10:15 DISCUSSION SLOT**
- 11:00 WHAT SORT OF BUDDHISM DID THE GREEKS IN INDIA ENCOUNTER?**
Stoneman, Richard (University of Exeter)
- 11:15 POWER THROUGH RELIGION AND RELIGION THROUGH POWER. ROYAL AGENCY AND LOCAL CULTS IN HELLENISTIC CENTRAL ASIA AND NW INDIA**
Coloru, Omar (University of Bari)
- 11:30 DISCUSSION SLOT**
- 11:45 GANDHĀRAN ART AS AN EXPRESSION OF A MULTICULTURAL ENVIRONMENT - TOWARDS UNDERSTANDING THE NATURE OF INTERACTION**
Kubica, Olga (University of Wrocław)
- 12:00 EMBODYING RITUAL PERFORMANCE: DONOR FIGURES IN EARLY GANDHARAN ART**
Elahi, Moizza (University of Toronto)
- 12:15 RITUAL MUSIC AND DANCING IN GANDHĀRAN ART**
Lakshminarayanan, Ashwini (Sapienza University of Rome)
- 12:30 JAINA - VĪRA-ŚAIVA INTERACTIONS IN SOUTH INDIA: ARCHAEOLOGICAL EVIDENCE FOR RELIGIOUS AND ARTISTIC EXCHANGES DESPITE STRONG FORMS OF DEPENDENCY**
Hegewald, Julia (The University of Bonn)

12:45 DISCUSSION SLOT

195 SILK: A CATALYST FOR INTERCONNECTION IN THE SIXTH TO TENTH CENTURIES AD/CE

Room: Building C, room 278

Time: 8:30 - 16:00

Theme: 4. Polis, Empire, League and Beyond – Living in Interconnected Societies

Format: Regular session

Organisers: Makin, Alexandra - Harris, Susanna (University of Glasgow) - Březinová, Helena (Institute of Archaeology of the Czech Academy of Sciences, Prague) - Klein, Astrid (Leipzig University)



PAPERS

8:30 INTRODUCTION

8:45 **WHO WAS THE HU? CHINESE SILKS WITH INTERWOVEN “HU WANG” (‘BARBARIAN KING’) INSCRIPTION AND THEIR CULTURAL CONTEXT**

Zuchowska, Marta (Faculty of Archaeology, University of Warsaw)

9:00 **“KUCHA SILKS” REEXPLORED: HISTORICAL AND BUDDHOLOGICAL ASPECTS OF THE SILK PRODUCTION IN THE TARIM BASIN IN THE 5TH-6TH CENTURIES**

Hiyama, Satomi (Kyoto University; Saxon Academy of Sciences and Humanities in Leipzig)

9:15 **BIRD AND CRESCENT INSERTED INTO ROUNDELS: REFERENCE TO TAQUETÉ AND EARLY SAMITE SILKS IN KUCHA ON THE NORTHERN SILK ROAD**

Klein, Astrid (Leipzig University)

9:30 **AN INVESTIGATION OF THE COSTUMES OF FEMALE DONORS IN CAVE 61 OF DUNHUANG**

Zhou, Hongdi (Fu Jen Catholic University,)

9:45 **MEDIEVAL SILK AND COTTON ON THE EASTERN EUROPE ALONG THE SILK ROAD ROUTES: RECONSTRUCTION OF THE LOST CONTEXT**

Shishlina, Natalia (-) - Leonova, Nadezhda (-) - Mamonova, Anna (-)

10:00 DISCUSSION SLOT

11:00 **SILK AS A CATALYST TO DETERMINE TRADE ROUTES BETWEEN EAST AND WEST IN THE 6TH CENTURY AD**

Özsoy, Nusret (Erzurum Technical University; Atatürk University) - Oğuz, Anil (Erzurum Technical University; Uludağ University)

11:15 **SILK TEXTILES IN GREAT MORAVIAN ELITE GRAVES - EVIDENCE OF LONG DISTANCE TRADE**

Březinova, Helena (Institute of Archaeology of the Czech Academy of Sciences, Prague) - Krupičková, Šárka (Institute of Archaeology of the Czech Academy of Sciences, Brno)

11:30 **UNIQUE SILK FINDS FROM THE 10TH CENTURY CARPATHIAN BASIN**

Harangi, Flórián (Pázmány Péter Catholic University, Institute of Archaeological Sciences; Ásatárs Ltd.) - Türk, Attila (Pázmány Péter Catholic University, Institute of Archaeological Sciences) - H. Szabó, Krisztina (Hungarian National Museum, National Archaeological Institute) - Kolozsi, Barbara (Déri Museum) - Langó, Péter (Eötvös Loránd Research Network, Institute of Archaeology)

11:45 **THE OLDEST SILK TEXTILES FROM THE ARCHAEOLOGICAL CONTEXTS OF PRAGUE CASTLE, CZECH REPUBLIC**

Bravermanova, Milena (Institute of Archaeology of the CAS, Prague)

12:00 **SILK TEXTILES IN MEROVINGIAN AND ALEMANNIC GRAVES (6TH-8TH CENTURIES AD)**

Linscheid, Petra (University of Bonn)

12:15 **EARLY MEDIEVAL SILKS IN IBERIA: THE SILK TEXTILES FROM SAN ISIDORO SILVER CASKET (COLEGIATE OF SAN ISIDORO, LEON, SPAIN)**

Cabrera-Lafuente, Ana (Research project The Medieval Iberian Treasury in Context: Collections, Connections, and Representations on the Peninsula and Beyond, PI Therese Martin, RTI2018-098615-B-100, financed by the Spanish Ministry of Science and Innovation/AEI /10.13039/)

12:30 DISCUSSION SLOT

14:00 **VIKING BLISS : SILK AND SQUARE KUFIC TEXTILES IN PRE-CHRISTIAN SCANDINAVIA**

Larsson, Annika (Uppsala universitet; The Society for Textile Archaeology & Culture Studies) - Guennoun, Mohamed (The Society for Textile Archaeology & Culture Studies)

14:15 **THE REALITY OF VIKING AFTERLIFE: THE PRESENCE OF SILK IN THE VIKING NARRATIVE**

Pallin, Karolina (TexArk – The society for textile archaeology and culture studies; Textile studies, Uppsala University)

14:30 **SILK, SILVER AND GOLD TEXTILES IN DANISH VIKING AGE GRAVES**

Mannering, Ulla - Rimstad, Charlotte (National Museum of Denmark)

14:45 **SILK TEXTILES IN A VIKING-AGE HOARD, DEPOSITED 900 CE IN GALLOWAY, SCOTLAND**
Makin, Alexandra (University of Glasgow) - Cartwright, Caroline (British Museum) - Harris, Susanna (University of Glasgow)

15:00 **DISCUSSION SLOT**

196 "A UNIVERSE WITH AN ADDITIONAL DIMENSION": THE SOCIOENVIRONMENTAL ARCHAEOLOGY OF FISHING

Room: Building R, room E253

Time: 16:30 - 18:30

Theme: 5. Climate Change and Socioenvironmental Perspectives

Format: Regular session

Organisers: Živaljevic, Ivana (BioSense Institute, University of Novi Sad) - Mansrud, Anja (Museum of Archaeology, University of Stavanger) - Ritchie, Kenneth (Moesgaard Museum) - Robson, Harry (University of York)



PAPERS

16:30 **FISHING AS A WAY OF RELATING TO THE WORLD: HUMAN-FISH ENTANGLEMENTS IN THE DANUBE GORGES MESOLITHIC**
Živaljevic, Ivana (Biosense Institute, University of Novi Sad)

16:45 **CATCH AND RELEASE? CULTIVATING TROUT IN MESOLITHIC SOUTH-EASTERN NORWAY**
Mansrud, Anja (Museum of Archaeology at the University of Stavanger) - Mjærum, Axel (Museum of Cultural History, University of Oslo) - Wammer, Elling (Norwegian Maritime Museum, Oslo)

17:00 **A NOVEL METHOD FOR THE DETECTION OF AQUATIC BIOMARKERS IN POTTERY APPLIED TO THE HUNGARIAN EARLY NEOLITHIC**
Davis, Izzy (Organic Geochemistry Unit, School of Chemistry, University of Bristol) - Hammann, Simon (Department of Chemistry and Pharmacy, Friedrich-Alexander University Erlangen-Nürnberg) - Whelton, Helen (Organic Geochemistry Unit, School of Chemistry, University of Bristol) - Cramp, Lucy (Department of Anthropology and Archaeology, University of Bristol) - Outram, Alan (Department of Archaeology, University of Exeter) - Evershed, Richard - Roffet-Salque, Mélanie (Organic Geochemistry Unit, School of Chemistry, University of Bristol)

17:15 **DISCUSSION SLOT**

17:30 **ANCIENT FISHING IN SOUTHERN ITALIAN PENINSULA. AN ETHNOARCHAEOLOGICAL RESEARCH**
Giardino, Claudio - Zappatore, Tiziana (University of Salento)

17:45 **ARCHAEOLOGY MEETS MARINE CONSERVATION IN THE NEOTROPICS**
Fossile, Thiago - Colonese, Andre (Universitat Autònoma de Barcelona)

18:00 **DISCUSSION SLOT**

201 "FOR THE LOVE" – THE IMPACT AND POTENTIAL OF AMATEUR ENTHUSIASTS ON ARCHAEOLOGICAL SITES AND ACTIVITIES

Room: Building B, room 242

Time: 16:30 - 18:30

Theme: 1. Archaeologists and Archaeology Here and Now

Format: Round table

Organisers: Humphrey, Kenneth (Henry M. Jackson Foundation) - Errickson, David (Cranfield University) - Stephen, Jesse (Defense POW/MIA Accounting Agency)

The roundtable discussion would pose the question: What are the opportunities, liabilities, and regulatory challenges to building structured regional or national public programs to enable and promote the involvement of enthusiastic amateurs in archaeology? What are examples of successful programs in the past, what programs serve this need today, and what might they look like in the future? How are archaeologists ensuring ethical practices, leveraging programs in public archaeology, and realizing mutual benefits through their efforts in these areas? What are some notable successes (and challenges, or failures) in this area?

Using the accounting mission as an area of applied practice, roundtable discussants will focus on a subset of archaeological sites and stakeholder groups to further illuminate the topic. Three themes will be used to further guide the discussions: 1) Time: how has the behavior of amateur enthusiasts changed over time, and how has their engagement with the archaeological community shifted?; 2) Impact: what is the current impact of enthusiastic amateurs on sites, in education, and in government?; 3) Direction: what are the biggest opportunities in public archaeology for ethical collaboration with local communities and enthusiastic amateurs, and what is most needed to realize such opportunities?

206 NO BRAUDEL FOR THE BALKANS? FORGING A NEW, INTERCONNECTED PREHISTORY OF THE BALKAN PENINSULA

Room: Building A, room 428

Time: 8:30 - 16:00

Theme: 2. [Re]integration

Format: Regular session

Organisers: Galaty, Michael (University of Michigan) - Parkinson, William (Field Museum of Natural History) - Gori, Maja (Institute of Heritage Science; National Research Council of Italy, ISPC-CNR) - Gyucha, Attila (University of Georgia)

PAPERS

8:30 INTRODUCTION

8:45 MOVING PEOPLE, TRADING GOODS, TRANSFORMING CULTURES: EXCHANGE IN THE BALKANS DURING THE NEOLITHIC

Riebe, Danielle (University of Georgia)

9:00 CONNECTING THE NEOLITHIC BALKANS: NEW INSIGHTS FROM PRECIOUS STONES AND AMULETS

Horejs, Barbara - Brandl, Michael (Austrian Academy of Sciences OEAI)

9:15 HERDING AND HUNTING IN THE BALKAN NEOLITHIC: A VIEW FROM THE ADRIATIC COAST

McClure, Sarah (University of California, Santa Barbara)

9:30 DWELLING ALONG THE WETLANDS IN THE NEOLITHIC BALKANS

Naumov, Goce (Center for Prehistoric Research; Museum of Macedonia)

9:45 INVESTIGATING LARGE SETTLEMENTS: THE NEOLITHIC SETTLEMENT COMPLEX OF SZEGHALOM-KOVÁCSHALOM ON THE GREAT HUNGARIAN PLAIN

Parkinson, William (Field Museum and University of Illinois at Chicago) - Gyucha, Attila (University of Georgia) - Sarris, Apostolos (University of Cyprus) - Ridge, William (University of Illinois at Chicago) - Riebe, Danielle (University of Georgia) - Yerkes, Richard (The Ohio State University)

10:00 TRANSFORMATION OF THE LATE NEOLITHIC VINČA CULTURE: INNOVATIONS AND TRADITIONS IN THE COPPER AGE OF THE CENTRAL BALKANS

Milanovic, Dragan (Institute of Archaeology, Belgrade)

10:15 DISCUSSION SLOT

11:00 2000 YEARS OF EARLY STEPPE – BALKANS INTERACTIONS: AN INTERDISCIPLINARY VIEW FROM ARCHAEOLOGY AND GENETICS

Preda-Balanica, Bianca (University of Helsinki) - Diekmann, Yoan (Palaeogenetics Group, Johannes Gutenberg University) - Heyd, Volker (University of Helsinki)

11:15 THE DAWN OF THE BRONZE AGE ALONG THE ADRIATIC COAST OF THE NORTH-WESTERN BALKANS AND THE CETINA PHENOMENON

Recchia, Giulia (Sapienza University of Rome)

11:30 INVESTIGATING SETTLEMENT PATTERNS AND TRACING MOBILITY IN SOUTHERN BALKANS IN THE 3RD MILLENNIUM BC.

Gori, Maja (National Research Council of Italy)

11:45 WHAT ABOUT THE MIDDLE BRONZE AGE IN THE SOUTHERN BALKANS?

Krapf, Tobias (Swiss School of Archaeology in Greece)

12:00 A MULTI-ISOTOPE INVESTIGATION OF MOBILITY AND DIET IN A LATE BRONZE AGE COMMUNITY IN LIKA, CROATIA

Zavodny, Emily (University of Central Florida) - Novak, Mario (Centre for Applied Bioanthropology, Institute for Anthropological Research) - Đukić, Ana (Arheološki muzej u Zagrebu) - Kamenov, George - Krigbaum, John (University of Florida)

12:15 LONGUE DUREE IN THE CENTER OF BALKANS – REGIONAL SCALE DIACHRONIC STUDY OF THE GRUŽA RIVER VALLEY IN CENTRAL SERBIA

Kocic, Miroslav (Arheološki institut, Beograd; University of Pittsburgh) - Hanks, Bryan (University of Pittsburgh) - Kalicanin Krstić, Marija (Zavod za zaštitu spomenika kulture Kragujevac) - Basar, Petra (University of Pittsburgh)

12:30 MAKING SENSE OF THE PAST AND BRINGING SENSE TO THE PRESENT: BURIAL MOUNDS IN BRONZE AND IRON AGE ALBANIA

Trinder, Ermelinda (Staffordshire University)

12:45 DISCUSSION SLOT

14:00 REGIONAL ARCHAEOLOGY IN THE PEJA AND ISTOG DISTRICTS OF KOSOVA (RAPID-K), 2018-2021: INTENSIVE SURVEY RESULTS

Galaty, Michael (University of Michigan) - Mehmetaj, Haxhi (Archaeological Institute of Kosova) - Deskaj, Sylvia (University of Michigan)

14:15 EXPLORING THE MULTIPLE ROLES OF HILLFORTS IN PREHISTORY: A CASE STUDY FROM WESTERN KOSOVA

Baci, Erina (University of Michigan)

14:30 IRON AGE BETWEEN CENTRAL EUROPE AND BALKANS - CLASH OF THE WORLDS OR FINE EMBROIDERY

Potrebica, Hrvoje (Dept of archaeology)

14:45 BEYOND LIBURNIA: EXPLORING IRON AGE BOUNDARIES AND INTERREGIONAL CONNECTIONS IN NORTHERN DALMATIA

Celhar, Martina (University of Zadar) - Zaro, Gregory (University of Maine)

15:00 COLONIALISM AND NATIONALISM IN EARLY BALKAN ARCHAEOLOGY

Gimatidis, Stefanos (Austrian Archaeological Institute, Austrian Academy of Sciences)

15:15 JOVAN CVIJIĆ'S ANTHROPOGEOGRAPHY OF THE BALKANS: LONGUE DUREÉ BEFORE BRAUDEL

Novakovic, Predrag (University of Ljubljana)

15:30 DISCUSSION SLOT**POSTERS****A. WHAT TOOK YOU SO LONG? EXPLAINING GAPS BETWEEN THE INITIATION AND THE WIDE SPREAD OF TIN BRONZE IN THE BALKANS**

Nessel, Bianka (Institute for Pre- and Protohistory, Mainz University)

B. THE COMPLEX OF TUMULI IN NECROPOLIS OF DOLLÇ (KOSOVO)

Baraliu, Sedat (University of Pristina-Faculty of Philosophy; Faculty of Education) - Alaj, Premtim (Archaeological Institute of Kosovo)

C. USAGE OF PREHISTORIC TALI (ASTRAGALI) FROM NADIN, CROATIA

Kolenc, Magdalena - Korpes, Kim (Faculty of Veterinary Medicine, University of Zagreb) - Čelhar, Martina (Department of Archaeology, University of Zadar) - Trbojević Vukičević, Tajana (Faculty of Veterinary Medicine, University of Zagreb)

210 DIGGING WOMEN: USE AND MISUSE OF ANCIENT WOMEN AS ROLE MODELS IN ARCHAEOLOGICAL RESEARCH AND DISSEMINATION**Room:** Building B, room 172**Time:** 14:00 - 18:30**Theme:** 4. Polis, Empire, League and Beyond – Living in Interconnected Societies**Format:** Regular session**Organisers:** Garcia-Ventura, Agnes (Universitat Autònoma de Barcelona) - Droß-Krüpe, Kerstin (Ruhr-Universität Bochum) - Martins, Ana Cristina (IHC-FCSH NOVA – Pólo Universidade de Évora and Uniarq-UL) -

Fulminante, Francesca (University College London; Bristol University; University Roma Tre) - Mouriño Schick, Andrea (Universidade de Vigo)

PAPERS**14:00 INTRODUCTION****14:15 INTRODUCTION: ANCIENT WOMEN AS ROLE MODELS IN ARCHAEOLOGICAL RESEARCH AND DISSEMINATION**

Droß-Krüpe, Kerstin (Ruhr-Universität Bochum; Universität Kassel) - Fulminante, Francesca (University College London; Bristol University; University Roma Tre) - Garcia-Ventura, Agnès (Universitat Autònoma de Barcelona) - Martins, Ana Cristina (Pólo Universidade de Évora and Uniarq-U) - Mouriño Schick, Andrea (Universidade de Vigo)

14:30 THE "MONA LISA OF NIMRUD" IN THE MUSEO DE REPRODUCCIONES ARTÍSTICAS OF MADRID (SPAIN): BEAUTY AS A FEMININE ROLE MODEL

Garcia-Ventura, Agnes (Universitat Autònoma de Barcelona)

14:45 JEZEBEL IN THE CONTEMPORARY VISUAL CULTURE: AN EXAMPLE OF MISUSE OF ANCIENT WOMEN AS A NEGATIVE ROLE MODEL

López-Bertran, Mireia (Universitat de Valencia)

15:00 DISCUSSION SLOT**15:15 ROMAN WOMEN IN: COINS TO WAR, COINS TO PROSPER AND COINS TO HONOR**

Pagoto Bélo, Tais (University of São Paulo)

15:30 MODEL WOMEN AND WOMEN'S MODELS: ARCHAEOLOGY AND NARRATIVES DURING THE 'ESTADO NOVO'

Martins, Ana Cristina (IHC - Polo da Universidade de Évora; Uniarq - Centro de Arqueologia da Universidade de Lisboa; Proyecto 'ArqueologAs' - Universitat de Barcelona)

15:45 DISCUSSION SLOT**16:30 FEMALE AND MALE ARCHAEOLOGIES IN ITALY FROM THE UNITY TO THE 21ST CENTURY**

Fulminante, Francesca (University College London; Bristol University; University Roma Tre)

16:45 BREAKING THE MOULD WITHIN THE MOULD: GENDER, WOMEN, AND ARCHAEOLOGY DURING THE SPANISH FRANCO DICTATORSHIP

Torres Gomariz, Octavio (Universitat d'Alacant; Universitat de Barcelona) - del Reguero González, Jorge (Universitat de Barcelona)

17:00 FEMALE ROLE MODELS IN THE EDUCATION OF PREHISTORY

Mouriño-Schick, Andrea (University of Vigo)

17:15 THE PROBLEMATIC ABSENCE OF WOMEN AS ROLE MODELS FOR FIRST SEMESTER STUDENTS IN GERMANY
Gutmiedl-Schuemann, Doris - Schuster, Annette (Universität der Bundeswehr München, Department of Social Sciences and Public Affairs, Historical Institute)

17:30 DISCUSSION SLOT

218 SCIENCE OR HUMANITIES – WHITHER ARCHAEOLOGY?

Room: Building B, room 217

Time: 8:30 - 16:00

Theme: 6. A Decade after the 'Third Science Revolution in Archaeology'

Format: Discussion session

Organisers: Ribeiro, Artur (University of Kiel) - Stutz, Liv Nilsson (Linnaeus University) - Kienlin, Tobias (University of Cologne)

PAPERS

8:30 INTRODUCTION

8:45 ARCHAEOLOGY AS A FACTORY – THE ALLURE OF MASS PRODUCTION, STANDARDIZATION, AND STREAMLINING RESEARCH IN ARCHAEOLOGY
Ribeiro, Artur (Christian-Albrechts-Universität)

9:00 TRUE COLOURS? EGYPTOLOGY AND RACIALISM BETWEEN SCIENCE AND HUMANITIES
Matic, Uros (Österreichisches Archäologisches Institut)

9:15 WHITHER ARCHAEOLOGY: HOW TO ASSESS A DIVERSE AND VARIED DISCIPLINE
D'Aprix, Michael (University College London)

9:30 THE GROWTH AND IMPACT OF SCIENCE UPON THE DISCIPLINE OF ARCHAEOLOGY 1960-2021: A VISUALISATION AND EXPLORATION THROUGH BIBLIOMETRIC DATA MAPPING
Sinclair, Anthony (University of Liverpool)

9:45 IS ASKING THE CORRECT QUESTIONS A KEY TO THE BALANCE? A CASE OF TRANSDISCIPLINARY STUDY OF PORTABLE ROCK ART COLLECTION
Radchenko, Simon (University of Turin) - Kiosak, Dmytro (Ca' Foscari University of Venice)

10:00 DISCUSSION SLOT

11:00 ARCHAEOLOGY OF PROBABILITIES: BRIDGING SCIENCE AND HUMANITIES
Santos, Joel (NOVA University of Lisbon, Portugal) - Carvalho, Daniel (UNIARQ; FCT; LAQU)

11:15 WHERE IS THE VALUE OF HUMANITIES? PROVIDING PERSPECTIVES FOR INTERDISCIPLINARY RESEARCH
Paasikivi, Sofia - Moilanen, Ulla (University of Turku)

11:30 DEATH AND THE HUMAN BODY: FINDING A COMMON GROUND FOR ARCHAEOLOGY AND ANTHROPOLOGY
Gramsch, Alexander (RGK - Romano-Germanic Commission DAI)

11:45 SCIENCE IS DEAD. LONG LIVE SCIENCE
Griffiths, Seren (Manchester Metropolitan University)

12:00 TO ASK A SILLY QUESTION: NEED FUTURE ARCHAEOLOGICAL QUESTIONS ENTAIL SCIENTIFIC METHODS IN ORDER TO BE PROPOSED?
Pantmann, Pernille (Museum North Zealand)

12:15 DISCUSSION SLOT

14:00 ANCIENT DNA AND KINSHIP ANALYSES IN BRONZE AGE EUROPE
Wilson, Kathleen (SUNY University at Buffalo)

14:15 POTENTIAL, LIMITATIONS, AND PERSPECTIVES ON THE COMBINATION OF HUMANITIES AND NATURAL SCIENCES: THE CASE OF THE TRANSCULTURAL PROJECT

Maurer, Anne-France (Universidade de Evora) - Oliveira, Luis Filipe (Universidade do Algarve / I.E.M-FCSH-Nova) - Vilar, Herminia (Universidade de Évora – Escola de Ciências Sociais – CIDEHUS, Evora) - Tété Garcia, Cristina (Research Center in Archaeology, Arts and Cultural Heritage, DRC Algarve, Faro) - Valente, Maria João (Centro de Estudos de Arqueologia, Artes e Ciências do Património, Universidade do Algarve – FCHS ; CEAACP) - Fernandes, Teresa (Research Centre for Anthropology and Health - CIAS, University of Coimbra; Departamento de Biologia, Escola de Ciências e Tecnologia, Universidade de Évora) - Barrocas Dias, Cristina (Laboratorio HERCULES, Universidade de Evora; Departamento de Química, Escola de Ciência e Tecnologia, Universidade de Évora) - MacRoberts, Rebecca - Lopez-Aceves, Judith - Ortega-Gonzalez, Alvaro (Laboratorio HERCULES, Universidade de Evora)

14:30 BEYOND THE DIVIDE: THE UNCONSCIOUS, THE DIGITAL, AND THE POLITICAL IN ARCHAEOLOGY
Barruezo-Vaquero, Pablo (Independent) - Laguna Palma, David (Universidad de Granada) - López-López, Víctor (Spanish National Research Council, CSIC - INCIPIT)

14:45 INTERDISCIPLINARY PRACTICES, SCIENTISM AND SCIENTIFIC ATTITUDES
Niculescu, Gheorghe Alexandru (Vasile Pârvan Institute of Archaeology)

15:00 **ARCHAEOLOGY AND ARCHITECTURE AS COMPLEMENTARY AND COLLABORATING FIELDS**

Benjamin, David (David N. Benjamin, Sivilarkitekt MNAL)

15:15 **DISCUSSION SLOT**

221 **REVISITING HUSBANDRY AND SUBSISTENCE IN SOUTHWESTERN ASIA USING INTEGRATED APPROACHES AND THE LATEST DEVELOPMENT IN BIOARCHAEOLOGY**

Room: Building A, room 428

Time: 16:30 - 18:30

Theme: 6. A Decade after the 'Third Science Revolution in Archaeology'

Format: Regular session

Organisers: Casanova, Emmanuelle - Vuillien, Manon (UMR7209 Archaeozoology and Archaeobotany: Societies Practices and Environments, National Museum of Natural History, CNRS) - Davoudi, Hossein (Archaeozoological section, Bioarchaeological laboratory, University of Tehran)

PAPERS

16:30 **HUMAN DIETARY DYNAMICS AND EARLY CAPRINE HUSBANDRY: ISOTOPIC AND PROTEOMIC ANALYSES OF SKELETAL TISSUES AND DENTAL CALCULUS FROM 'AIN GHAZAL**

Makarewicz, Cheryl (University of Kiel) - Kendall, Iain (University of Bristol) - Palmer, Karren (University of Manchester) - Winter-Schuh, Christine (University of Kiel) - Buckley, Mike (University of Manchester) - Evershed, Richard (University of Bristol) - Rollefson, Gary (Whitman College)

16:45 **HUMAN SUBSISTENCE IN IRANIAN PREHISTORY REVEALED THROUGH LIPID RESIDUE ANALYSIS IN POTTERY VESSELS**

Casanova, Emmanuelle (Muséum national d'Histoire naturelle) - Davoudi, Hossein (University of Teheran) - Zazzo, Antoine - Boco, Audrey (Muséum national d'Histoire naturelle) - Bernbeck, Reinhard - Pollock, Susan (Free University of Berlin) - Tsuneki, Akira (University of Tsukuba) - Ghafoori, Om ol Banin - Nokandeh, Jebreil (National museum of Iran) - Mashkour, Marjan (Muséum national d'Histoire naturelle)

17:00 **ANIMAL EXPLOITATION DURING THE EARLY HARAPPAN PERIOD: A CASE STUDY FROM BHANDO QUBO (SINDH, PAKISTAN)**

Parque, Óscar - Jiménez-Arteaga, Carolina (CaSEs – Culture and Socio-Ecological Dynamics Research Group. Departament d'Humanitats, Universitat Pompeu Fabra) - Lancelotti, Carla (CaSEs – Culture

and Socio-Ecological Dynamics Research Group. Departament d'Humanitats, Universitat Pompeu Fabra; ICREA – Institució Catalana de Recerca i Estudis Avançats) - Veasar, Ghulam Mohiuddin - Abro, Tasleem - Chandio, Ameen (Department of Archaeology, Shah Abdul Latif University) - Madella, Marco (CaSEs – Culture and Socio-Ecological Dynamics Research Group. Departament d'Humanitats, Universitat Pompeu Fabra; ICREA – Institució Catalana de Recerca i Estudis Avançats)

17:15 **DISCUSSION SLOT**

17:30 **FEEDING PRACTICES AND MULTI-SEASON REPRODUCTION AMONG SHEEP AND GOATS IN EARLY AENEOLITHIC MONJUKLI DEPE, TURKMENISTAN**

Eger, Jana (Freie Universität Berlin)

17:45 **UNDERSTANDING HUMAN OCCUPATION IN GEORGIA'S MOUNTAINS DURING THE CHALCOLITHIC AND EARLY BRONZE AGE: CONTRIBUTIONS FROM ARCHAEOZOOLOGY, CEMENTOCHRONOLOGY AND ISOTOPE GEOCHEMISTRY**

Vautrin, Adeline - Berthon, Rémi - Balasse, Marie (Muséum national d'Histoire naturelle, UMR 7209 AASPE, CNRS, Paris) - Bedianashvili, Giorgi (Georgian National Museum, Tbilisi) - Fiorillo, Denis (Muséum national d'Histoire naturelle, UMR 7209 AASPE, CNRS, Paris) - Gambashidze, Irina - Gogochuri, Giorgi (Georgian National Museum, Tbilisi) - Gourichon, Lionel (Université Côte d'Azur, UMR 7264 CEPAM, CNRS, Nice) - Stöllner, Thomas (Ruhr-Universität, Bochum; Deutsches Bergbau-Museum, Bochum) - Mashkour, Marjan (Muséum national d'Histoire naturelle, UMR 7209 AASPE, CNRS, Paris)

18:00 **DRAW ME A SHEEP: A MORPHOLOGICAL INVESTIGATION ON APPENDICULAR BONES OF MODERN AND ANCIENT POPULATIONS FROM SOUTHWEST ASIA (EVOSHEEP PROJECT)**

Vuillien, Manon (AASPE, Muséum national d'Histoire naturelle, CNRS, Paris) - Vila, Emmanuelle (Archéorient, CNRS, University of Lyon 2) - Chahoud, Jwana (Archéorient, CNRS, University of Lyon 2, France; Department of Archaeology, Lebanese University) - Davoudi, Hossein (Archaeozoological section, Bioarchaeological laboratory, University of Tehran) - De Cupere, Bea (Directorate Earth and History of Life, Royal Belgian Institute of Natural Sciences) - Helmer, Daniel (Archéorient, CNRS, University of Lyon 2) - Gourichon, Lionel (University Côte d'Azur, CNRS, CEPAM, Nice) - Mashkour, Marjan (AASPE, Muséum national d'Histoire naturelle, CNRS, Paris; Archaeozoological section, Bioarchaeological laboratory, University of Tehran) - Cucchi, Thomas (AASPE, Muséum national d'Histoire naturelle, CNRS, Paris)

18:15 DISCUSSION SLOT

224 HUNTER-GATHERERS RESILIENCE: ADAPTATION PATTERNS TO CLIMATIC SHIFTS AT DIFFERENT LATITUDES FROM MIS3 TO MIS 1



Room: Building R, room E423
Time: 8:30 - 13:00
Theme: 5. Climate Change and Socioenvironmental Perspectives
Format: Regular session
Organisers: Mutri, Giuseppina (The Cyprus Institute - STARC) - Sari, Latifa (Centre National de Recherches Préhistoriques, Anthropologiques et Historiques.)

PAPERS

8:30 INTRODUCTION

8:45 NEW ELEMENTS ON THE GRAVETTIAN TO SOLUTREAN TRANSITION: THE OPEN-AIR SITE OF PORTELA 2 (LEIRIA, CENTRAL PORTUGAL)

Gameiro, Cristina (UNIARQ - Lisbon University) - Aubry, Thierry (Fundação Côa Parque / UNIARQ - Lisbon University) - Zambaldi, Maurizio (UNIARQ - Lisbon University) - Dimuccio, Luca (GEGOT - Coimbra University)

9:00 WAS THE PROTO-SOLUTREAN OF SOUTHWEST EUROPE TRIGGERED BY HEINRICH STADIAL 2? NEW INSIGHTS ON THE PEÑA CAPÓN SEQUENCE (CENTRAL SPAIN)

Alcaraz-Castaño, Manuel (University of Alcalá) - Alcolea-González, José-Javier - Luque, Luis - Castillo-Jiménez, Samuel - Jiménez-Gisbert, Guillermo - Triguero, Ignacio (Area of Prehistory, Department of History and Philosophy, University of Alcalá) - Albert, Rosa-María (Department of History and Archeology, University of Barcelona) - de Andrés-Herrero, María (Department of Prehistory, Ancient History & Archaeology, Complutense University of Madrid) - Cuartero, Felipe (Spanish National Research Center for Human Evolution - CENIEH) - Cuenca-Bescós, Gloria (Aragosaurus-IUCA, Department of Geosciences, University of Zaragoza)

9:15 "NOTHING HAPPENS UNTIL SOMETHING MOVES": SETTLEMENT PATTERNS IN THE BALKAN PENINSULA DURING MIS 3-1

Plavšić, Senka - Dragosavac, Sofija (University of Belgrade, Faculty of Philosophy) - Radović, Predrag (University of Belgrade, Faculty of Philosophy; National Museum Kraljevo) - Mihailović, Bojana (National Museum in Belgrade) - Mihailović, Dušan (University of Belgrade, Fac-

ulty of Philosophy) - Dogandžić, Tamara (MONREPOS Archaeological Research Centre and Museum for Human Behavioural Evolution)

9:30 MESTEC/OSTROV, AN EARLY MESOLITHIC SITE IN BOHEMIA - SUBMISSION TO THE ISSUE OF HUMAN ADAPTATIONS TO THE PLEISTOCENE/HOLOCENE CLIMATIC SHIFT

Mlejnek, Ondrej (Archaeological Centre in Olomouc) - Petr, Libor - Přichystal, Antonín (Faculty of Science, Masaryk University, Brno) - Záhorák, Vít (Archaeological Centre in Olomouc)

9:45 PLEISTOCENE-HOLOCENE TRANSITION AND HUNTER-GATHERER ARCHAEOLOGY IN THE CARPATHIAN BASIN

Szegedi, Kristóf (Hungarian National Museum; Mikoviny Sámuel Doctoral School of Earth Sciences, University of Miskolc) - Major, István (Institute for Nuclear Research, Eötvös Loránd Research Network) - Újvári, Gábor (Institute for Geological and Geochemical Research Research Centre for Astronomy and Earth Sciences Eötvös Loránd Research Network) - Lengyel, György (Department of Prehistory and Archaeology, University of Miskolc)

10:00 THE ECOLOGY OF AURIGNACIAN HUNTER-GATHERERS IN THE WESTERN CARPATHIANS, EASTERN CENTRAL EUROPE

Lengyel, Gyorgy (University of Miskolc, Miskolc, Hungary; Institute of Systematics and Evolution of Animals, Polish Academy of Sciences, Kraków) - Dobos, Endre (University of Miskolc) - Krajcarz, Maciej (Institute of Geological Sciences, Polish Academy of Sciences, Warszawa) - Magyar, Enikő (Eötvös Loránd University, Budapest) - Major, István (Isotope Climatology and Environmental Research Centre - ICER, Institute for Nuclear Research, Debrecen) - Moskal-del Hoyo, Magdalena (W. Szafer Institute of Botany, Polish Academy of Sciences, Kraków) - Palcsu, László (Isotope Climatology and Environmental Research Centre - ICER, Institute for Nuclear Research, Debrecen) - Szegedi, Kristóf (Hungarian National Museum, Budapest) - Újvári, Gábor (Research Center for Astronomy and Earth Sciences, Eötvös Loránd Research Network, Budapest) - Wilczyński, Jarosław (Institute of Systematics and Evolution of Animals, Polish Academy of Sciences, Kraków)

10:15 DISCUSSION SLOT

11:00 THE HUMAN NICHE SPACE OF LATE UPPER PALEOLITHIC EUROPE AND THE EFFECTS OF CLIMATE AND POPULATION.

Yaworsky, Peter - Hussain, Shumon (Aarhus University)

11:15 LIMITING FACTOR MODELLING REVEALS CHANGING ADAPTIVE PRESSURES AND POPULATION DYNAMICS OF EUROPEAN HUNTER-GATHERERS FROM LATE MIS2 AND INTO MIS1

Riede, Felix (Department of Archaeology and Heritage Studies, Aarhus University; Center for Biodiversity Dynamics in a Changing World, Aarhus University) - Ordonez, Alejandro (Center for Biodiversity Dynamics in a Changing World, Aarhus University)

11:30 LATE EPIPALAEOLITHIC SETTLEMENT IN THE QA' SHUBAYQA: A CASE STUDY IN RESILIENCE IN THE ARID MARGIN OF THE SOUTHERN LEVANT

Richter, Tobias (University of Copenhagen)

11:45 DISCUSSION SLOT

12:00 A PLACE CALLED HOME. LAND MANAGEMENT BETWEEN THE LIBYAN COAST AND THE EGYPTIAN WESTERN DESERT DURING MIS 2-1

Mutri, Giuseppina (The Cyprus Institute)

12:15 HUMAN ADAPTATIONS TO CLIMATE CHANGE IN NORTHWESTERN AFRICA DURING MIS 2

Sari, Latifa (Centre national de recherches préhistoriques, anthropologiques et historiques)

12:30 HUMAN ADAPTATION DURING THE MIS3 IN EASTERN AFRICA: GOTERA 10, A NEW MIDDLE STONE AGE SITE IN SOUTHERN ETHIOPIA

Fusco, Marianna (University of Rome La Sapienza; Universitat Rovira i Virgili) - Spinapolice, Enza (University of Rome La Sapienza)

12:45 DISCUSSION SLOT

POSTERS

A. ULUZZIAN AND AURIGNACIAN TECHNO-COMPLEXES OF GROTTA SERRA CICORA A (NARDÒ – LECCE, SOUTHERN ITALY)

Rinaldo, Filomena (Museo della Preistoria di Nardò; U.R. Università di Siena, Dipartimento di Scienze Fisiche) - Massafra, Dario (Museo della Preistoria di Nardò) - Eramo, Giacomo - Monno, Alessandro (Dipartimento di Scienze della Terra e Geoambientali, Università degli Studi di Bari Aldo Moro) - Kitagawa, Keiko (Institute of Prehistory, Early History and Medieval Archaeology, University of Tübingen; Museo della Preistoria di Nardò) - Bona, Fabio (Dipartimento di Scienze della Terra "Ardito Desio", Università degli Studi di Milano; Museo della Preistoria di Nardò) - Strafella, Silvia (Museo della Preistoria di Nardò)

229 DEVELOPMENT AND USE OF GARDEN ARCHAEOLOGY IN DIFFERENT PARTS OF EUROPE, COMPARING INDIVIDUAL APPROACHES, INTERACTIONS, COOPERATION TO ASSES THEIR EFFECTIVENESS

Room: Building R, room E414

Time: 14:00 - 18:30

Theme: 1. Archaeologists and Archaeology Here and Now

Format: Regular session

Organisers: Vynckier, Geert (Archaeologist at Flemish Heritage Agency) - Dix, Brian (Independent consultant garden Archaeologist) - Golembnik, Andrzej (Private Archaeological company INCEDO3D)

PAPERS

14:00 INTRODUCTION

14:15 THE DEVELOPMENT OF GARDEN ARCHAEOLOGY, WITH PARTICULAR REFERENCE TO THE UK

Dix, Brian (Independent consultant garden Archaeologist)

14:30 GARDEN ARCHAEOLOGY IN FLANDERS: A DIFFICULT AND CONTINUING PROCESS IN INTRODUCING THIS ARCHAEOLOGICAL DISCIPLINE IN THE NORTHERN PART OF BELGIUM

Vynckier, Geert (Flanders Heritage Agency)

14:45 RECONSTRUCTION OF EARLY PHASE OF ROYAL BATHS PARK (WARSAW, POLAND) ON THE BASIS OF CARTOGRAPHIC, ICONOGRAPHIC AND ARCHAEOLOGICAL SOURCES

Solecki, Rafal (Cardinal Stefan Wyszynski University in Warsaw)

15:00 INVESTIGATING THE ANCIENT GARDENS (16TH C.-18TH. C.) OF MARIEMONT (BELGIUM) : THE CONTRIBUTION OF ARCHAEOLOGICAL PROSPECTION

Demellenne, Marie (Musée royal de Mariemont) - De Smedt, Philippe (Department of Environment, Faculty of Bioscience Engineering, Ghent University; Department of Archaeology, Faculty of Arts and Philosophy, Ghent University)

15:15 THE MEDIEVAL MONASTIC GARDENS OF ØM ABBEY, DENMARK

Mollerup, Lene (Museum Skanderborg)

15:30 DISCUSSION SLOT

16:30 USING GARDEN ARCHAEOLOGY -A CASE-STUDY FROM HAMPTON COURT, ENGLAND

Dix, Brian (Independent consultant garden Archaeologist)

- 16:45 THE HISTORY OF THE CONSTRUCTION OF THE ROYAL RESIDENCE IN WILANÓW - A ROMANTIC VERSION**
Golembnik, Andrzej (INCEDO3D)
- 17:00 THE RUINS IN THE GARDENS OF MARIEMONT (B.): BETWEEN DISCOVERY AND DISPLAY**
Demelenne, Marie (Musée royal de Mariemont) - Dosogne, Michele (Agence wallonne du Patrimoine)
- 17:15 DISCUSSION SLOT**
- 17:30 HISTORIC RENOVATION OF THE PERNŠTEJN GARDEN GROUNDS**
Vágner, Michal (Department of Archaeology and Museology, Faculty of Arts, Masaryk University) - Dejmal, Miroslav - Šimík, Jakub - Těsnohlídek, Jakub (Archaia Brno z.ú.)
- 17:45 BRONZE AGE AEGEAN RITUAL MEADOWSCAPES AS PREHISTORIC GARDENS**
Daróczi, Tibor (Romanian Academy, Cluj chapter)
- 18:00 DISCUSSION SLOT**

233 ISLANDS, MONASTERIES AND WATER MANAGEMENT

- Room:** Main building, room 138
Time: 11:00 - 13:00
Theme: 5. Climate Change and Socioenvironmental Perspectives
Format: Regular session
Organisers: Hueglin, Sophie (University of Tuebingen) - Germanidou, Sophia (Newcastle University)



PAPERS

- 11:00 ISLAND MONASTERIES IN A GLOBAL PERSPECTIVE**
Hueglin, Sophie (University of Tuebingen)
- 11:15 RENDERED BY WATER: THE HYDRAULICS OF CRAFT, DEVOTION, AND DWELLING ON CONNEMARA'S ISLAND MONASTERIES**
Lash, Ryan (University College Dublin) - Kuijt, Ian (University of Notre Dame) - Chesson, Meredith (University of Notre Dame)
- 11:30 CONENTU TIOKKAKARLENSIS - A FRANCISCAN CONVENT ON KÖKAR ISLAND (ÅLAND, FINLAND) IN THE MIDDLE AGES AND TODAY**
Seppanen, Liisa (Turku University; Helsinki University)
- 11:45 DISCUSSION SLOT**

- 12:00 RIVER ISLANDS, MONASTERIES AND INNOVATIONS - THE CASE OF POHANSKO**
Dresler, Petr (Masaryk University)
- 12:15 MONASTERIES IN TRANSYLVANIA WITH THEIR NEARBY RIVERS AND THE SURROUNDING LAKES**
Cringaci Tiplic, Maria Emilia - Cioltei-Hopartean, Corina (Institute of Social Sciences and Humanities Sibiu, Romanian Academy) - Tiplic, Ioan-Marian ("Lucian Blaga" University of Sibiu)
- 12:30 DISCUSSION SLOT**

POSTERS

- A. WALKING OVER WATER, ON AN ARID ISLET IN SOUTHERN GREECE**
Germanidou, Sophia (Newcastle University)

264 BIOARCHAEOLOGICAL APPROACH TO HUMAN HEALTH THROUGHOUT THE MEDIEVAL PERIOD IN EUROPE

- Room:** Main building, room 112
Time: 8:30 - 13:00
Theme: 5. Climate Change and Socioenvironmental Perspectives
Format: Regular session
Organisers: Roshem, Irmine (University of Aberdeen) - Veiga-Rilo, Clara (Universidade de Santiago de Compostela)



PAPERS

- 8:30 INJURY CHARACTERISTIC FROM POLÁKY-DOLANY SITE: PATTERNS, PREVALENCE AND VIOLENT-RELATED TRAUMA IN A SMALL EARLY MEDIEVAL BOHEMIAN VILLAGE**
Witan, Joanna (University of West Bohemia in Pilsen; Institute for Preservation of Archaeological Heritage of Northwest Bohemia)
- 8:45 APPROACHING PATHOLOGICAL CASES IN MEDIAEVAL IBERIA THROUGH THE ARCHAEOLOGY OF CARE PERSPECTIVE: BEING SICK IN AL-ANDALUS**
Olivé-Busom, Júlia (Universitat Autònoma de Barcelona; Group EcoPast - GI-1553, Universidade de Santiago de Compostela) - López-Costas, Olalla (Group EcoPast - GI-1553), Universidade de Santiago de Compostela; Archaeological Research Laboratory, Stockholm University; Laboratorio de Antropología Física, Facultad de Medicina, Universidad de Granada) - Kirchner, Helena (Universitat Autònoma de Barcelona)

- 9:00 BIOARCHAEOLOGY OF CHILDREN AND HEALTH PROFILES FROM A MEDIEVAL CEMETERY SITE (GZ10) IN GIECZ, POLAND**
Slusarska, Katarzyna (Uniwersytet Szczeciński) - Agnew, Amanda (The Ohio State University) - Miciak, Magda (Muzeum Pierwszych Piastów na Lednicy, Rezerwat Archeologiczny Gród Wczesnopiastowski w Gieczu)
- 9:15 DISCUSSION SLOT**
- 9:30 LET'S TALK ABOUT THE WEATHER - POPULATION DEVELOPMENT AND MORTALITY PATTERNS OVER THE MEDIAEVAL PERIOD**
Weise, Svenja (University of Southern Denmark)
- 9:45 CLIMATE CHANGE IMPACT ON RESPIRATORY HEALTH IN MEDIEVAL IRELAND**
Roshem, Irmine - Dittmar, Jenna (University of Aberdeen) - Drain, Deidre - Carlsson, Stine (Queen's University Belfast) - Crozier, Rebecca (University of Aberdeen) - Oxenham, Marc (University of Aberdeen; Australian National University) - Murphy, Eileen (Queen's University Belfast)
- 10:00 THE IMPACT OF THE NATURAL ENVIRONMENT ON HEALTH IN PAST POPULATIONS FROM IRELAND AND SCOTLAND: PRELIMINARY RESULTS FROM IRISH SITES**
Carlsson, Stine (Queen's University Belfast; University of Aberdeen) - Murphy, Eileen (Queen's University Belfast) - Crozier, Rebecca (University of Aberdeen) - Oxenham, Marc (University of Aberdeen; Australian National University) - Dittmar, Jenna (University of Aberdeen) - Drain, Deidre - McKinley, Jennifer (Queen's University Belfast)
- 10:15 DISCUSSION SLOT**
- 11:00 INVESTIGATING ENVIRONMENTALLY DRIVEN HEALTH ISSUES IN MEDIEVAL YPRES THROUGH OSTEOLOGICAL- AND STABLE ISOTOPE ANALYSES**
Spros, Rachèl (Analytical, Environmental & Geo-Chemistry, Dept. of Chemistry, Vrije Universiteit Brussel; Maritime Cultures Research Institute, Dept. of Art Sciences & Archaeology, Vrije Universiteit Brussel) - Jackson, Veronica (Maritime Cultures Research Institute, Dept. of Art Sciences & Archaeology, Vrije Universiteit Brussel; Anatomical Research and Clinical Studies, Vrije Universiteit Brussel) - Lambert, Bart (Historical Research Into Urban Transformation Processes Research Unit, Vrije Universiteit Brussel) - Veselka, Barbara (Analytical, Environmental & Geo-Chemistry, Dept. of Chemistry, Vrije Universiteit Brussel) - Provyn, Steven - Snoeck, Thyl (Anatomical Research and Clinical Studies, Vrije Universiteit Brussel) - Claeys, Philippe (Analytical, Environmental & Geo-Chemistry, Dept. of Chemistry, Vrije Universiteit Brussel)

- Snoeck, Christophe (Analytical, Environmental & Geo-Chemistry, Dept. of Chemistry, Vrije Universiteit Brussel; Maritime Cultures Research Institute, Dept. of Art Sciences & Archaeology, Vrije Universiteit Brussel)

- 11:15 FROM FISH TO PALEOPATHOLOGY: DIETARY RECONSTRUCTION OF MEDIEVAL PONTEVEDRA (NW SPAIN) COMBINING PALEOPATHOLOGY AND STABLE ISOTOPES**
Veiga-Rilo, Clara - Mangas-Carrasco, Elvira (CRETUS. Group EcoPast - GI-1553, Area of Archaeology, Dpto History, Facultad de Xeografía e Historia, Universidade de Santiago de Compostela) - López-Costas, Olalla (CRETUS. Group EcoPast - GI-1553, Area of Archaeology, Dpto History, Facultad de Xeografía e Historia, Universidade de Santiago de Compostela; Archaeological Research Laboratory, Stockholm University; Laboratorio de Antropología, Departamento de Medicina Legal, Toxicología y Antropología Física, Facultad de Medicina, Universidad de Granada)
- 11:30 FOOD, HEALTH AND ORIGIN OF A CHRISTIAN MOZARABIC RURAL COMMUNITY IN AL-ANDALUS: THE CASE OF TÓZAR (GRANADA, SPAIN)**
Mattei, Luca - Sarr, Bilal (Department of Medieval History, University of Granada) - Alexander, Michelle (BioArCh, Department of Archaeology, University of York) - Jiménez Brobeil, Sylvia (Department of Legal Medicine, Toxicology and Physical Anthropology, University of Granada) - Sánchez Almazo, Isabel (LIE Laboratory, CIC, University of Granada) - Abdelaziz, Mohamed (Department of Genetics, University of Granada)
- 11:45 DISCUSSION SLOT**
- 12:00 OF STRESS AND PLAGUE: AN ASSESSMENT OF STRESS INDICATORS IN THREE FRENCH BURIAL SITES RELATED TO THE FIRST PLAGUE PANDEMIC**
Holleville, Marion (UMR 5199 PACEA – De la Préhistoire à l'Actuel : Culture, Environnement et Anthropologie, Université de Bordeaux, CNRS, MC, Pessac) - Durand, Raphaël (UMR 5199 PACEA – De la Préhistoire à l'Actuel : Culture, Environnement et Anthropologie, Université de Bordeaux, CNRS, MC, Pessac; Service archéologique de Bourges Plus, Bourges) - Castex, Dominique - Deguilloux, Marie-France (UMR 5199 PACEA – De la Préhistoire à l'Actuel : Culture, Environnement et Anthropologie, Université de Bordeaux, CNRS, MC, Pessac) - Kacki, Sacha (UMR 5199 PACEA – De la Préhistoire à l'Actuel : Culture, Environnement et Anthropologie, Université de Bordeaux, CNRS, MC, Pessac; Department of Archaeology, Durham University)

- 12:15 BIOMECHANICS OF PHYSICALLY IMPAIRED INDIVIDUALS IN MEDIEVAL IRELAND**
White, Jessica (Queen's University Belfast)
- 12:30 INJURED, MAIMED AND IMPAIRED: FEMALE EXPERIENCES OF PHYSICAL IMPAIRMENT AND DISABILITY IN MEDIEVAL SCOTLAND**
Dittmar, Jenna - Crozier, Rebecca - Baker, Nick (University of Aberdeen) - Cameron, Ali (Cameron Archaeology) - Hall, Derek (University of Stirling) - Mann, Bruce (Aberdeenshire Council Archaeology Service) - Oxenham, Marc (University of Aberdeen; Australian National University)
- 12:45 DISCUSSION SLOT**

POSTERS

- A. CHILDHOOD AND ADULT DIETS IN PLAGUE AND FAMINE VICTIMS FROM THE MEDIEVAL MINING COMMUNITY OF KUTNÁ HORA (CZECHIA, 13TH-16TH CENTURY)**
Drtikolová Kaupová, Sylva (National Museum) - Frolík, Jan - Světlík, Ivo (Czech Academy of Sciences) - Velemínský, Petr (National Museum) - Brzobohatá, Hana (Czech Academy of Sciences)
- B. INFECTIOUS DISEASES IN A MEDIEVAL URBAN ENVIRONMENT: SIGTUNA AS A CASE STUDY**
Pochon, Zoé - Krzewińska, Maja - Götherström, Anders (Centre for Palaeogenetics, Department of Archaeology and Classical Studies, Stockholm University)
- C. LIVING THROUGH TIMES OF POLITICAL UNREST: EXAMINING LIVING CONDITIONS IN LUXEMBOURG CITY THROUGH OSTEOLOGICAL AND BIOARCHEOLOGICAL ANALYSES**
Kremmer, Anne (AG Biogeology, University of Tübingen) - Bocherens, Hervé (Fachbereich Geowissenschaften, Forschungsbereich Paläobiologie, Universität Tübingen; Senckenberg Center for Human Evolution and Palaeoecology - HEP, Universität Tübingen)

269 MORE THAN WALLS AND FENCES - THE IMPORTANCE OF SPACE AND BOUNDARIES IN SYSTEMS OF VIOLENCE AND OPPRESSION

Room: Building B, room 172

Time: 8:30 - 12:30

Theme: 1. Archaeologists and Archaeology Here and Now

Format: Regular session

Organisers: Theune, Claudia (University of Vienna) - Rass, Christoph (University of Osnabrück) - Wolff, Frank (University of Osnabrück) - Hinterdorfer, Peter (University of Vienna) - Bobe, Christin (University of Osnabrück)



PAPERS

- 8:30 INTRODUCTION**
- 8:45 NEAR-SURFACE GEOPHYSICS FOR THE NON-INVASIVE LARGE-SCALE INVESTIGATION OF SITES OF VIOLENCE**
Bobe, Christin (Osnabrück University)
- 9:00 LAYOUT AND CAMP STRUCTURE OF NATIONALSOCIALIST CAMPS**
Theune, Claudia (University of Vienna)
- 9:15 DISCUSSION SLOT**
- 9:30 VIEWSHEDS, BORDERS, ACCESSIBILITIES - THE SPATIAL STRUCTURING OF NATIONAL-SOCIALIST FORCED CAMPS ILLUSTRATED BY THE EXAMPLE OF THE CONCENTRATION CAMP MAUTHAUSEN**
Hinterdorfer, Peter (Universität Wien)
- 9:45 IDEOLOGY AND SPACE ON A SITE OF TERROR: THE NS-FORCED LABOUR CAMPS ON TEMPELHOF FIELD, BERLIN**
Misterek, Kathrin (Freie Universität Berlin)
- 10:00 THE BORDER AS A CONFLICT LANDSCAPE: HOME, MEMORY, AND COMPETING PASTS AT THE "GREEN BELT"**
Wolff, Frank (Osnabrück University)
- 10:15 DISCUSSION SLOT**
- 11:00 ISOLATION AND SEGREGATION LANDSCAPE. THE IMPORTANCE OF SPACE AND BOUNDARIES IN THE QUARANTINE INSTITUTIONS**
Cianciosi, Alessandra (University of Amsterdam; Stanford University)
- 11:15 DISCUSSION SLOT**

274 APPROACHES TO COMMUNITIES IN THE PAST AND THE PRESENT

Room: Building C, room 173

Time: 8:30 - 16:00

Theme: 2. [Re]integration

Format: Regular session

Organisers: Borake, Trine (Museum Vestsjælland) - Beck, Anna (Museum Sydøstdanmark) - Heitz, Caroline (University of Oxford) - Austvoll, Knut (University of Oslo)

PAPERS

8:30 INTRODUCTION

8:45 SHARING SLAVES- RURAL COMMUNITIES SEEN THROUGH SLAVE DISPERSAL IN HIGH MEDIEVAL SWEDEN

Roslund, Mats (Institute of Archaeology and Ancient History)

9:00 BUILDING COMMUNITY

Villumsen, Sune (Museum Sydøstdanmark)

9:15 SETTLING WITH THE NORM? USING NORM AND VARIATION IN MATERIAL CULTURE TO STUDY (ROMAN) IRON AGE COMMUNITIES IN THE NETHERLANDS

de Vries, Karen (ADC ArcheoProjecten)

9:30 FROM ARCHAEOLOGICAL RECORD TO SOCIAL DYNAMICS: A NEW APPROACH TO INVESTIGATE SOCIAL ORGANISATION OF NURAGIC COMMUNITIES OVER THE BRONZE AGE

Pisanu, Laura (University of Melbourne)

9:45 BUILDING EARLY VILLAGER COMMUNITIES: SOME REFLECTIONS FROM A NORTHWEST ARGENTINA FORMATIVE LANDSCAPE

López Lillo, Jordi A. (Institute of Heritage Sciences, National Research Council - Incipit-CSIC) - Franco Salvi, Valeria (National University of Córdoba - UNC); National Scientific and Technical Research Council - CONICET) - Salazar, Julián (National University of Córdoba - UNC; National Scientific and Technical Research Council - CONICET)

10:00 WOMEN'S GRAVE COSTUMES FROM THE CRYPTS OF THE BIAŁOWAŚ POST-EVANGELICAL CHURCH

Dobek, Mikołaj (Nicolaus Copernicus University in Toruń) - Majewski, Marcin (University of Szczecin)

10:15 DISCUSSION SLOT

11:00 COMMUNITIES OF THE LIVING AND THE DEAD
Sloth, Pernille (Museum Southeast Denmark)

11:15 TO BE FED IN THE AFTERLIFE: AN ANALYSIS OF MATERIAL CULTURE OF CHILDREN IN PREDYNASTIC EGYPT AT BADARI AND MOSTAGEDDA
Crawford, Courtney (American University in Cairo)

11:30 MEDIEVAL CHURCHYARDS AS COMMUNITIES – A SOCIAL PERSPECTIVE ON URBAN CHURCHYARDS FROM COPENHAGEN, DENMARK
Dahlström, Hanna (Museum of Copenhagen)

11:45 DISCUSSION SLOT

12:00 ARCHAEOLOGY OF A RURAL COMMUNITY IN THE NORTH OF THE IBERIAN PENINSULA
Rebollar Flecha, Luis (University of Oviedo) - López Gómez, Pablo (University of Leon) - Carballido González, Elías - Fernández Mier, Margarita - Fernández Fernández, Jesús (University of Oviedo)

12:15 PAST AND PRESENT OF A MOBILE INDIGENOUS COMMUNITY IN THE MOUNTAINS OF SOUTH CHILE
Toro, Oscar (University College London; Universidad Alberto Hurtado)

12:30 BRONZE AGE MINING AND THE CONSTRUCTION OF COMMUNITY
Wager, Emma (Independent Researcher)

12:45 DISCUSSION SLOT

14:00 COMMUNITIES AS DECENTRALISATION
Borake, Trine (Museum Vestsjælland)

14:15 PEER POLITY INTERACTION AND CREATION OF COMMUNITY IN THE URBANIZATION OF HELLENISTIC WESTERN ANATOLIA
DiFabio, Christina (University of Michigan)

14:30 MOVEMENT IS COMMUNITY: MOBILITY, VALUE AND CHANGE IN MORE-THAN-HUMAN PLACES
Kay, Kevin (University of Leicester)

14:45 DISCUSSION SLOT

15:00 DEFINING COMMUNITIES ACROSS TIME AND SPACE
Madsen, Mette (Museum of Southeast Denmark)

15:15 NEGOTIATING TAZ SELKUP IDENTITY: ETHNO-ARCHAEOLOGICAL INSIGHTS FROM A HUNTER-FISHER-REINDEER HERDER COMMUNITY IN THE SIBERIAN TAIGA
Piezonka, Henny (Christian Albrechts University Kiel)

15:30 **TEMPORALITY AND COMMUNITY. TIMESCALES FOR SOCIAL AGGREGATION, DIFFERENTIATION AND CHANGE IN EARLY IRON AGE SETTLEMENTS OF EASTERN DENMARK**
Søndergaard, Mathias (Museum Sydøstdanmark)

15:45 **DISCUSSION SLOT**

275 **THE ROLE OF ARCHAEOLOGY (AND ARCHAEOLOGISTS) IN THE COVID-19 RECOVERY PLANS ACROSS EUROPE AND BEYOND**

Room: Main building, room 11

Time: 14:00 - 18:30

Theme: 1. Archaeologists and Archaeology Here and Now

Format: Regular session

Organisers: Taloni, Maria (Ministry of Culture) - Chadburn, Amanda (Historic England) - Byrnes, Emmet (Forest Service Inspectorate)



PAPERS

14:00 **INTRODUCTION**

14:15 **RESPONDING TO THE IMPACT OF COVID-19 ON THE HERITAGE SECTOR IN ENGLAND**

Olivier, Adrian - Francesca Benetti, Francesca - Heyworth, Mike (Historic Environment Forum) - Gale, Tess - Chadburn, Amanda (Historic England)

14:30 **ARCHAEOLOGY AND COVID-19 IN SCOTLAND – RESILIENCE AND RECOVERY**

Aitchison, Kenneth (Landward Research Ltd) - Heald, Andy (Scottish Strategic Archaeology Committee; AOC Archaeology)

14:45 **RECOVERING FROM COVID-19 IN IRELAND: ARCHAEOLOGICAL HERITAGE MANAGEMENT**

Doyle, Ian (The Heritage Council of Ireland)

15:00 **NEXT GENERATION ITALIA: INNOVATIVE DOCTORATES FOR PUBLIC ADMINISTRATION AND CULTURAL HERITAGE**

Borgia, Elisabetta - Taloni, Maria (Ministry of Culture, Directorate-General for Education, research and cultural institutes)

15:15 **THE PROJECTS OF THE PARCO ARCHEOLOGICO DELL'APPIA ANTICA (MINISTRY OF CULTURE, ITALY) FOR THE COMPLEMENTARY NATIONAL PLAN: CHALLENGES FOR ARCHEOLOGY**

Paolillo, Francesca Romana - Pontisso, Mara - Roascio, Stefano - Quilici, Simone - Cugno, Santino Alessandro - Reginaldi, Michele (Ministero della Cultura, Parco Archeologico dell'Appia Antica)

15:30 **DISCUSSION SLOT**

16:30 **CARE FOR THE FUTURE – THE IMPACT OF PUBLIC ARCHAEOLOGICAL PARTICIPATION IN FOUR COUNTRIES BEFORE AND SINCE COVID-19**

Lewis, Carena (University of Lincoln) - van Londen, Heleen (University of Amsterdam) - Marciniak, Arkadiusz (Mickiewicz University in Poznań) - Vařeka, Pavel (University of West Bohemia) - Verspay, Johan (University of Amsterdam)

16:45 **IMPACT OF COVID-19 CRISIS ON ARCHAEOLOGY. CHALLENGES FOR THE FUTURE**

Pyrgaki, Marie (Université Paris I, Panthéon-Sorbonne; Hellenic Open University)

17:00 **THE CONFEDERAZIONE ITALIANA ARCHEOLOGI SOCIAL MEDIA PROJECTS DURING THE COVID-19 PANDEMIC: CHANGING THE DIGITAL COMMUNICATION APPROACH TO THE ONLINE COMMUNITY**

Riva, Alessandra - Gusberti, Elisa - Donati, Nicoló - Magliaro, Tommaso (Confederazione Italiana Archeologi)

17:15 **NEW SOLUTIONS TO AGE OLD ISSUES? EXPLORING THE POTENTIAL FOR INNOVATION WITH SKILLS AND PROFESSIONAL DEVELOPMENT IN ARCHAEOLOGY**

Jones, Cara (Chartered Institute for Archaeologists)

17:30 **DIGITAL EXCAVATION AND THE NEW SKILLS FOR ARCHAEOLOGISTS IN DELTA PROJECT**

Polymeropoulou, Panagiota (DAISSy research group - Hellenic Open University; Department of Management Science and Technology, University of Patras) - Kameas, Achilles (Hellenic Open University; DAISSy research group - Hellenic Open University) - Papadatos, Ioannis - Kalara, Antigoni (Department of History and Archaeology, National and Kapodistrian University of Athens) - Sogliani, Francesca (University of Basilicata; Post-graduate School of Archaeological Heritage, Department of European and Mediterranean Cultures. Architecture, Environment and Cultural Heritage, Matera) - Roubis, Dimitris (University of Basilicata, Department of European and Mediterranean Cultures. Architecture, Environment and Cultural Heritage; ISPC CNR,

Matera) - Tóth, Peter - Malíšková, Johana - Hons, David (Department of Archaeology and Museology, Masaryk University, Brno)

17:45 DISCUSSION SLOT

283 (RE)INTEGRATION OF THE CARPATHIAN BASIN INTO THE EUROPEAN MIDDLE PALAEOLITHIC: CULTURAL CONTACTS, INTERREGIONAL MOBILITIES, VARIABILITY IN SUBSISTENCE AND SETTLEMENT STRATEGIES

Room: Building A, room 150

Time: 8:30 - 15:30

Theme: 3. The Carpathian Basin: Integration, Mobility and Diversity

Format: Regular session

Organisers: Mester, Zsolt (Institute of Archaeological Sciences, Eötvös Loránd University; UMR 7194 HNHP CNRS/MNHN/UPVD, Institut de Paléontologie humaine) - Lamotte, Agnès (UMR 8164 du CNRS, HALMA, University of Lille, Bâtiment de Géographie)



PAPERS

8:30 OVERVIEW OF THE MIDDLE PALAEOLITHIC OF HUNGARY IN EUROPEAN CONTEXT 45 YEARS LATER: ADVANCES AND NEW PROBLEMS

Mester, Zsolt (Eötvös Loránd University Institute of Archaeological Sciences; UMR 7194 HNHP CNRS/MNHN/UPVD, Paris)

8:45 GEOCHRONOLOGICAL FRAMEWORK OF THE MIDDLE PALAEOLITHIC IN HUNGARY

Ágnes, Novothny - Fonai, Milán (ELTE TTK)

9:00 NEANDERTHAL SUBSISTENCE STRATEGIES IN HUNGARY FROM MIS 5 TO MIS 3

Seguedy, Marie (Institute of Archaeological Sciences, Eötvös Loránd University; UMR 7194 - HNHP, MNHN/CNRS/UPVD, Alliance Sorbonne Université, Institut de Paléontologie Humaine) - Patou-Mathis, Marylène (UMR 7194 - HNHP, MNHN/CNRS/UPVD, Alliance Sorbonne Université, Institut de Paléontologie Humaine)

9:15 DISCUSSION SLOT

9:30 RECENT DATA FROM SAJÓBÁBONY-MÉHÉSZ-TETŐ OPEN-AIR SITE : CHRONOSTRATIGRAPHY AND PALAEOENVIRONMENTAL RECORDS OF THE EPONYMOUS BÁBONYIAN (HUNGARY)

Salvador, Pierre (University of Lille) - Novothny, Agnes - Fonai, Milán (University of Budapest) - Marcoux, Nancy (University of Rennes 1) - Bout-Roumazielles, Viviane (University of Lille) - Berger, Jean-François

(University of Lyon 2) - Ventalon, Sandra - Lamotte, Agnes (University of Lille) - Mester, Zsolt (University of Budapest)

9:45 RE-READING THE LITHIC INDUSTRY OF THE EPONYMOUS BÁBONYIAN SITE AT SAJÓBÁBONY (BÜKK MOUNTAIN, HUNGARY).

Lamotte, Agnes (University of Lille) - Mester, Zsolt (University of Budapest)

10:00 WEAR ANALYSIS OF THE LITHIC MATERIAL FROM SAJÓBÁBONY-MÉHÉSZ-TETŐ, HUNGARY

Borel, Antony (Histoire Naturelle de l'Homme Préhistorique - HNHP, Muséum national d'histoire naturelle, CNRS, UPVD, Paris; Institute of Archeological Sciences, Eötvös Loránd University, Budapest) - Mester, Zsolt (Institute of Archeological Sciences, Eötvös Loránd University, Budapest; Histoire Naturelle de l'Homme Préhistorique - HNHP, Muséum national d'histoire naturelle, CNRS, UPVD, Paris) - Lamotte, Agnès (University of Lille, HALMA Research Centre)

10:15 DISCUSSION SLOT

11:00 THREE CLASSICAL OPEN-AIR SITES OF THE BÁBONYIAN ON THE EASTERN MARGIN OF THE BÜKK MOUNTAINS (NORTHEAST HUNGARY): NEW INSIGHTS

Gábrriel, Sára (Eötvös Loránd University) - Béres, Sándor (independent researcher)

11:15 THE VARIABILITY OF THE MIDDLE PALAEOLITHIC LEAF POINT INDUSTRIES IN THE CSERHÁT REGION AND THE IPOLY/IPEL' VALLEY

Markó, András (Hungarian National Museum - Budapest; University of Szeged) - Zandler, Krisztián (Ferenczy Museum Centre, Szentendre; University of Szeged) - Péntek, Attila (Independent researcher)

11:30 MIDDLE PALEOLITHIC OF THE PETROVARADIN FORTRESS IN A REGIONAL CONTEXT

Mihailovic, Dusan - Dragosavac, Sofija (University of Belgrade - Faculty of Philosophy) - Marković, Jelena - Mihailović, Bojana (National Museum in Belgrade) - Plavšić, Senka (University of Belgrade - Faculty of Philosophy)

11:45 DISCUSSION SLOT

12:00 NEANDERTHAL DISPERSALS NORTHWARDS: TECHNOLOGICAL CONNECTIONS BETWEEN THE CARPATHIAN BASIN AND THE CENTRAL EUROPEAN MICOQUIAN

Picin, Andrea (Friedrich Schiller Universität Jena) - Kerneder-Gubała, Katarzyna (Institute of Archaeology and Ethnology, Polish Academy of Sciences) - Stefański, Damian (Archaeological Museum in Kraków)

- 12:15 THE LEVALLOIS TECHNIQUE AS A FACTOR DEFINING MIDDLE PALAEOOLITHIC TAXONOMIC UNITS IN SOUTHERN POLAND**
Stefanski, Damian (Archaeological Museum in Kraków) - Picin, Andrea (Bereich für Ur- und Frühgeschichtliche Archäologie, Friedrich Schiller Universität Jena) - Valde-Nowak, Paweł (Institute of Archaeology, Jagiellonian University)
- 12:30 RESULTS OF USE-WEAR ANALYSIS OF TOOLS FROM LATE MIDDLE PALAEOOLITHIC SITES LOCATED IN THE Odra VALLEY, POLAND**
Chlon, Marcin (Institute of Archaeology University of Wrocław) - Pyżewicz, Katarzyna (Faculty of Archaeology University of Warsaw) - Kufel-Diakowska, Bernadeta - Wiśniewski, Andrzej (Institute of Archaeology University of Wrocław)
- 12:45 DISCUSSION SLOT**
- 14:00 UNREMARKABLE TRANSITIONS IN THE EASTERN CARPATHIANS: THE MIDDLE TO UPPER PALEOLITHIC TRANSITION IN ROMANIA**
Chu, Wei (Leiden University) - Doboş, Adrian (Romanian Academy of Sciences)
- 14:15 DISCUSSION SLOT**

POSTERS

- A. MIDDLE PALAEOOLITHIC OF THE MÁTRA REGION (NORTHERN HUNGARY): NEW INVESTIGATIONS AT GYÖNGYÖSTARJÁN 10 SITE**
Gutay, Mónika (Hungary - Dobó István Castle Museum)

284 VISUALIZING, INTERPRETING, AND PRESENTING ARCHAEOLOGICAL SITES TO THE PUBLIC

- Room:** Building A, room 39
Time: 8:30 - 16:00
Theme: 1. Archaeologists and Archaeology Here and Now
Format: Regular session
Organisers: Thomas, Ben (Archaeological Institute of America) - Fonseca, Sofia (Teiduma, Consultancy on Heritage and Culture; German Archaeological Institute; ICArEHB-UAIG)

PAPERS

- 8:30 INTRODUCTION**
- 8:45 CONTEXTUALIZING ARCHAEOLOGY AND THE VISITOR'S EXPERIENCE**
Thomas, Ben (Archaeological Institute of America; Berklee College of Music)

- 9:00 TURNING THE ARCHAEOLOGICAL SITE OF ELEUSIS INTO MYELEUSIS: VIRTUAL AND AUGMENTED REALITY AGAINST OR PRO PHYSICAL SITE VISITS?**
Tsiafaki, Despoina (Culture & Creative Industries Dpt, Athena Research Center, Xanthi Branch) - Papangeli, Kalliopi (Ephorate of Antiquities of West Attica) - Mourthos, Ioannis - Motsiou, Paraskevi - Michailidou, Natasa (Culture & Creative Industries Dpt, Athena Research Center, Xanthi Branch) - Tzavali, Chrysanthi - Kazazaki, Christina (Ephorate of Antiquities of West Attica) - Koutsoudis, Anestis - Kiourt, Chairi - Ioannakis, George (Culture & Creative Industries Dpt, Athena Research Center, Xanthi Branch)
- 9:15 THE PAST RECONSTRUCTED AND RELIVED: BETWEEN VISUALISATION, EXPERIENCES, EDUCATION AND COMMERCIALISATION**
Pawleta, Michal (Adam Mickiewicz University)
- 9:30 TRACES OF EXISTENCE – CAPTURING AND DISPLAYING A BRIEF MOMENT IN TIME**
Toreld, Christina - Johansson, Eirik (Bohusläns Museum)
- 9:45 FROM THE ARCHAEOLOGICAL REMAINS TO THE CO-CREATION OF MEMORIES**
Vieira, Alexandra (CITCEM - Transdisciplinary Research Centre «Culture, Space and Memory»; Instituto Politécnico de Bragança) - Pires, Raquel (Instituto Politécnico de Bragança; ID+, Instituto de Investigação em Design, Media e Cultura)
- 10:00 THE CONSERVATION AND EXHIBITION PROGRAM OF VÉSZTŐ-MÁGOR, HUNGARY**
Seifert, Jerrod - Lingle, Ashley (Cardiff University) - Gyucha, Attila (University of Georgia) - Parkinson, William (Field Museum; University of Illinois - Chicago) - Duffy, Paul (University of Kiel)
- 10:15 DISCUSSION SLOT**
- 11:00 ANCIENT FINDS FOR MODERN TIMES. DEVELOPING A VR EXHIBITION FOR ARCHAEOLOGICAL SITES ON THE LOWER DANUBE: CIRNA AND NUFARU (ROMANIA)**
Bors, Corina Ioana (National History Museum of Romania - MNIR) - Suteu, Calin (Gigapixel Art) - Cocis, Horatiu (County Museum of History and Art - Zalau - Salaj) - Florea, Mihai - Damian, Paul - Vasile, Mihai (National History Museum of Romania - MNIR) - Damian, Oana ("Vasile Parvan" Institute of Archaeology)

- 11:15 OTHER EYES: USING AVATARS AND IMMERSIVE REALITY FOR EMBODIED ARCHAEOLOGICAL INTERPRETATION**
Morgan, Colleen (University of York) - Eve, Stuart (L-P Archaeology) - Alexander, Michelle (University of York)
- 11:30 PRESENTATION OF ARCHAEOLOGICAL SITES AND SUSTAINABLE CULTURAL TOURISM – HOW IT WORKS IN REAL LIFE EXAMPLES**
Lukacevic, Marijana (Private company)
- 11:45 MUGEPORAL: A DIGITAL PLATFORM FOR THE LAST HUNTER-GATHERERS OF THE TAGUS VALLEY, PORTUGAL**
Gonçalves, Célia (ICArEHB, Universidade do Algarve) - Umbelino, Cláudia (CIAS, Universidade de Coimbra; ICArEHB, Universidade do Algarve) - Figueiredo, Mauro (Universidade do Algarve) - Cascalheira, João - Godinho, Ricardo - Belmiro, Joana - André, Lino - Martins, Daniel - Matias, Roxane - Bicho, Nuno (ICArEHB, Universidade do Algarve)
- 12:00 LASTING IMPRESSIONS: PRESENTING ARCHAEOLOGICAL SITES OF THE XEROS RIVER VALLEY (CYPRUS) THROUGH 3D MODELS AND AUGMENTED REALITY**
Ripanti, Francesco (Independent researcher) - Papantoniou, Giorgos (Trinity College Dublin, The University of Dublin) - Vionis, Athanasios (University of Cyprus) - Lanitis, Andreas (Cyprus University of Technology) - Ioannou, Eleftherios (The University of Sheffield)
- 12:15 UIST UNEARTHED: VISUALISING ARCHAEOLOGICAL SITES THROUGH AUGMENTED REALITY**
Gal, Emily - Rennell, Rebecca (University of the Highlands and Islands)
- 12:30 DISCUSSION SLOT**
- 14:00 HOW IDEALISED VIRTUAL REALITY MEDIATES ARCHAEOLOGICAL SCIENTIFICITY TO THE PUBLIC**
Lengyel, Dominik - Toulouse, Catherine (BTU Brandenburg University of Technology Cottbus-Senftenberg)
- 14:15 VISUALIZING VIKING AGE AND MEDIEVAL TOWNS AND CENTRAL PLACES IN NORWAY. DIGITAL DISSEMINATION**
Nytun, Arve (Møre og Romsdal county)
- 14:30 GUIDELINES, RIGHT-HOLDERS, AND STAKEHOLDERS: HOW ARE WE COMMUNICATING AND EDUCATING IN ARCHAEOLOGICAL TOURISM?**
Fonseca, Sofia (Teiduma, Consultancy on Heritage and Culture; German Archaeological Institute)

- 14:45 PUIG CIUTAT, A LOW BUDGET ARCHAEOLOGICAL PARK**
Tamba, Robert - Pujol, Angels (GIRA Association) - Sala, Roger (SOT Archaeological Prospection) - Ble, Eduard (DIDPATRI - University of Barcelona)
- 15:00 VISUALIZING, RECONSTRUCTING, AND „VISITING” THE PAST: A CHALLENGE FOR THE MODERN ARCHAEOLOGICAL TOURIST?**
Dimopoulou, Sotiria (Classical Archaeology, University of Münster)
- 15:15 TRANSLATING GEOARCHAEOLOGY INTO GEO-EDUCATIONAL ITINERARIES IN THE MOLINA AND ALTO TAJO UNESCO GLOBAL GEOPARK, GUADALAJARA, SPAIN**
Banerjee, Rowena (University of Reading) - García-Contreras Ruiz, Guillermo (Universidad de Granada) - Monasterio, Manolo (Geoparque de la Comarca de Molina de Aragón-Alto Tajo and Museos de Molina) - Mattei, Luca (Universidad de Granada) - Pluskowski, Aleks (University of Reading)
- 15:30 DISCUSSION SLOT**

POSTERS

- A. ECHOES-DIGITAL RECONSTRUCTION OF ANCIENT HUMAN BIOGRAPHIES THROUGH THE STUDY OF ARCHAEO-ANTHROPOLOGICAL MATERIAL FROM THESSALONIKI, GREECE**
Aidonis, Asterios (Laboratory of Physical Anthropology, Department of History and Ethnology, Democritus University of Thrace) - Georgiou, Georgia - Kompatsiaris, Ioannis (Centre for Research and Technology Hellas - CERTH/ITI) - Protopsalti, Sultana - Tzevreni, Stavroula (Ephorate of Antiquities of Thessaloniki City, Hellenic Ministry of Culture and Sports) - Alagioglou, Cleopatra - Mavrokostidou, Maria (TETRAGON) - Kartsiakli, Vasiliki - Vraka, Christina (dot2dot) - Papageorgopoulou, Christina (Laboratory of Physical Anthropology, Department of History and Ethnology, Democritus University of Thrace)

289 THE MATERIALITY OF LIVED RELIGION UNDER AND AFTER ROME

Room: Building R, room E414

Time: 8:30 - 12:30

Theme: 4. Polis, Empire, League and Beyond – Living in Interconnected Societies

Format: Regular session

Organisers: Fleming, Robin (Boston College) - Effros, Bonnie (University of British Columbia)



PAPERS

- 8:30** **DECAPITATED DOGS AS A MATERIAL OF RELIGION IN IN ROMAN BRITAIN**
Fleming, Robin (Boston College)
- 8:45** **NEPTUNE AND OCEANUS IN ROMAN BRITAIN: EVIDENCE FOR THEIR CULT AND THE BUILDING OF PROVINCIAL CULTURE**
Goldstein, Avner (Boston College)
- 9:00** **THE SACRED STONES WORSHIP CONCEPTS FROM GREEK & ROMAN MYTHOLOGY TO ISLAM RELIGIOUS PRACTICE**
Zear, Asem (Pázmány Péter Catholic University)
- 9:15** **DISCUSSION SLOT**
- 9:30** **THE LIVING, THE DEAD, AND WHAT TO BELIEVE**
Wenn, Camilla Cecilie (Museum of Cultural History, University of Oslo)
- 9:45** **ALIGNING THE DEAD: RETHINKING BURIAL ORIENTATION AND CHRISTIAN CONVERSION**
Mason, Austin (Carleton College) - Hosek, Lauren (University of Colorado, Boulder)
- 10:00** **LIVING AND DYING UNDERGROUND: LIVED RELIGION IN THE CAVES OF ROMAN AND POST-ROMAN BRITAIN**
D'Alisera, Alexander (Boston College)
- 10:15** **DISCUSSION SLOT**
- 11:00** **MONUMENTAL BRONZES OF THE 11TH-12TH CENTURY: THE CASE OF BRONZE DOORS**
Mödlinger, Marianne (IMAREAL, Universität Salzburg) - Bernabei, Mauro - Bontadi, Jarno (CNR-IBE) - Fera, Martin (Universität Wien) - Schlie, Heike - Utz, Judith (IMAREAL, Universität Salzburg) - Abate, Francesco (Istituto Italiano di Tecnologia; Università Ca' Foscari Venezia)
- 11:15** **MONKS AND MARY, PATRONS AND THE PARISH: A HOLISTIC APPROACH TO MEDIEVAL RELIGIOUS LIFE IN THE MONASTIC CHURCH IN TEWKESBURY**
March, Eleanor (University of Exeter)
- 11:30** **DISCUSSION SLOT**

POSTERS

- A.** **ARCHITECTURE AS EVIDENCE OF RELIGION**
Hoxha, Zana (Institute of Albanology)

291 INTERACTION IN NEOLITIZATION, NEOLITIZATION AS INTERACTION. ARCHAEOLOGICAL DATA AND ANALYTICAL PROCEDURES FOR DEFINING INTERACTION CONTEXTS

- Room:** Building R, room E423
Time: 14:00 - 18:30
Theme: 2. [Re]integration
Format: Regular session
Organisers: Cortell-Nicolau, Alfredo (University of Cambridge) - García Martínez de Lagran, Íñigo (Universidad Nacional de Educación a Distancia) - García-Puchol, Oreto (Universitat de València)



PAPERS

- 14:00** **CONTINUITY, DISCONTINUITY AND THE SOCIAL ROLE OF HOARDING OVER THE MESOLITHIC-NEOLITHIC TRANSITION IN SOUTHERN SCANDINAVIA**
Bjørnevad-Ahlqvist, Mathias (University of Copenhagen) - Fischer Stephansen, Clara (Museum Østjylland) - Sørensen, Lasse (National Museum of Denmark)
- 14:15** **THE BEGINNING OF THE LBK IN THE EXTREME SOUTHWEST OF ITS SPREAD IN EUROPE**
Krauss, Raiko (Institut für Ur- und Frühgeschichte und Archäologie, es Mittelalters) - Bofinger, Jörg (Landesamt für Denkmalpflege Baden-Württemberg)
- 14:30** **MODELLING PARA-NEOLITHIC "RECONQUISTA": HUNTER-GATHERERS' REVIVAL OF THE EARLY VTH MILL. BC IN THE SOUTH OF EASTERN EUROPE**
Kiosak, Dmytro (Ca' Foscari University of Venice) - Radchenko, Simon (Università degli Studi di Torino)
- 14:45** **DISCUSSION SLOT**
- 15:00** **MESOLITHIC RESILIENCE, INTERACTIONS AND ACCULTURATION IN THE TRANSITION TO NEOLITHIC. THE VIDIGAL CASE STUDY IN THE PORTUGUESE SOUTHWEST COAST**
Soares, Joaquina (Museum of Archaeology and Ethnography of the District of Setúbal/AMRS; Archaeological Centre of the University of Lisbon- UNIARQ) - Tavares da Silva, Carlos (Archaeological Centre of the University of Lisbon- UNIARQ)
- 15:15** **NERJA-CONDUCT OF DISCOVERY: NEW DATA ON THE RECENT PREHISTORY OF THE SOUTHEAST OF THE IBERIAN PENINSULA**
Alvarez-Fernández, Esteban (University of Salamanca) - Agirre, Amaia (Universitat Autònoma Barcelona) - Aura, J. Emili - Carrión, Yolanda (Universitat de València) - Cerezo-Fernández, Rosana (Universidad

de Salamanca) - Fernández-Mallo, Carla (Universitat de València) - García Borja, Pablo (UNED) - Portero, Rodrigo (Universidad de Salamanca) - Rufà, Anna (Universidade do Algarve) - Sanchidrián, José Luis (Universidad de Córdoba)

- 15:30** - **POTTERIES FOR ARROWS?... - IT'S A DEAL! POSSIBLE CONTEXTS OF MESOLITHIC-NEOLITHIC INTERACTION IN THE EBRO VALLEY (SPAIN)**
García-Martínez De Lagrán, Íñigo (UNED)
- 15:45** **DISCUSSION SLOT**
- 16:30** **NEOLITHIZATION AS INTERACTION IN THE HIGH CANTABRIAN MOUNTAINS**
Diez Castillo, Agustín (Universitat de València)
- 16:45** **TESTING MODELS FOR CULTURAL DIVERSITY IN THE NEOLITHIZATION SPREAD AT THE EAST OF IBERIA**
Cortell-Nicolau, Alfredo (University of Cambridge) - García-Puchol, Oreto (Universitat de València) - Juan-Cabanilles, Joaquim (Servei d'Investigació Prehistòrica. Museu de Prehistòria de València)
- 17:00** **SOCIAL NETWORK ANALYSIS AS AN INTERACTION METHODOLOGY. A PRACTICAL EXAMPLE IN PREHISTORY**
Jiménez-Puerto, Joaquín R (Departamento de Prehistoria, Arqueología e Historia Antigua de la UVEG) - Puerto, M^a Pilar (Universitat de València. Facultat de Geografia i Història)
- 17:15** **DISCUSSION SLOT**
- 17:30** **DECOLONIZING THE NEOLITHIC RESEARCH CURRICULUM: A NEW MODEL CHARACTERIZING THE NEOLITHIC TRANSITION IN TURKEY**
Menemenli, Yasemin (Umea University)
- 17:45** **ALONG THE SPECTRA: AN INTEGRATIVE MULTI-SCALAR APPROACH TO INTERACTION BETWEEN "FARMERS" AND "FORAGERS"**
Schlicht, Jan-Eric (Kiel University; CRC 1266 - Scales of Transformation)
- 18:00** **DISCUSSION SLOT**

298 RAW MATERIAL ACQUISITION, MANAGEMENT AND TECHNOLOGICAL CHOICES FROM THE MESOLITHIC TO THE BRONZE AGE IN SOUTH-EASTERN EUROPE

Room: Building A, room 336

Time: 8:30 - 16:00

Theme: 3. The Carpathian Basin: Integration, Mobility and Diversity

Format: Regular session

Organisers: Vitezovic, Selena (Institute of Archaeology, Belgrade) - Arampatzis, Christoforos (Archaeological Service of Rhodope, Ministry of Culture



Palaeolithic and Mesolithic

and Sports, Greece; Aristotle University of Thessaloniki) - Rajkovic, Dragana (Archaeological Museum, Osijek)

PAPERS

- 8:30** **INTRODUCTION**
- 8:45** **UNDER PRESSURE –LITHIC RAW MATERIAL PROCUREMENT STRATEGY: A CASE STUDY OF VLAKNO CAVE (CROATIA)**
Bodružić, Mario (University of Zadar) - Perhoč, Zlatko (Independent researcher) - Vujević, Dario (University of Zadar)
- 9:00** **CHERT DEPOSITS IN ISTRIA, CROATIA - POSSIBLE SOURCES FOR PREHISTORIC COMMUNITIES**
Šprem, Katarina (Juraj Dobrila University of Pula)
- 9:15** **DISCUSSION SLOT**
- 9:30** **LITHIC RAW MATERIALS AND INTERACTION SPHERES: AN EARLY NEOLITHIC CASE STUDY FROM BULGARIA**
Gurova, Maria (National Institute of Archaeology with Museum, Bulgarian Academy of Sciences) - Bonsall, Clive (School of History, Classics and Archaeology, University of Edinburgh)
- 9:45** **OBSIDIAN EXCHANGE IN EARLY NEOLITHIC EASTERN HUNGARY**
Priskin, Annamaria - Szeverényi, Vajk (Deri Muzeum)
- 10:00** **RAW MATERIAL CHOICES IN EARLY HOLOCENE CYPRUS AND THE DEVELOPMENT OF THE EASTERN MEDITERRANEAN SOCIALSCAPE**
Moutsiou, Theodora (University of Cyprus)
- 10:15** **DISCUSSION SLOT**
- 11:00** **RESULTS OF THE RECENT EXCAVATIONS OF THE LATE NEOLITHIC SITE KOTLINA, BARANYA COUNTY: FLINT, STONE AND BONE ARTEFACTS**
Rajkovic, Dragana (Archaeological Museum Osijek) - Šprem, Katarina (Juraj Dobrila University of Pula) - Vitezović, Selena (Institute of Archaeology)
- 11:15** **STRATEGIES OF RAW MATERIAL ACQUISITION AND TOOL PRODUCTION AT THE NEOLITHIC LAKESIDE SETTLEMENT ANARGHIRI IXB, WESTERN MACEDONIA, GREECE**
Papadopoulou, Stella (Archaeological Museum of Thessaloniki)
- 11:30** **ANTLER EXPLOITATION IN THE NEOLITHIC WETLANDS OF WESTERN MACEDONIA, GREECE. EVIDENCE FROM THE SETTLEMENT ANARGHIRI IXB**
Arampatzis, Christoforos (Aristotle University of Thessaloniki)
- 11:45** **DISCUSSION SLOT**

- 12:00 BONE WORKING AND IDENTIFYING CHANGES IN BONE-WORKING TECHNOLOGICAL KNOWLEDGE. THE CASE OF 'MANUFACTURE-BY-WEAR' TECHNIQUES**
Margarit, Monica (Valahia University of Targoviste) - Boroneant, Adina ('Vasile Pârvan' Institute of Archaeology, Romanian Academy)
- 12:15 MANAGING OSSEOUS AND OTHER RAW MATERIALS IN A MIDDLE BRONZE AGE STRONGHOLD FROM THE EASTERN CARPATHIANS (SILIȘTE-PE CETĂȚUIE, ROMANIA)**
Bejenaru, Luminita ("Alexandru Ioan Cuza" University of Iași, Faculty of Biology) - Drob, Ana ("Alexandru Ioan Cuza" University of Iași, Interdisciplinary Research Institute, Science Department, Arheoinvest Research Center) - Bolohan, Neculai ("Alexandru Ioan Cuza" University of Iași, Faculty of History)
- 12:30 IMPORTED MOLLUSCS IN THE CENTRAL BALKANS AND SOUTHERN CARPATHIAN BASIN IN THE NEOLITHIC REVISITED**
Vitezovic, Selena (Institute of Archaeology, Belgrade) - Rajković, Dragana (Archaeological Museum Osijek)
- 12:45 DISCUSSION SLOT**
- 14:00 PRECIOUS ITEMS FROM THE SOUTH AND THEIR LOCAL IMITATIONS: SHELL ORNAMENTS IN THE NEOLITHIC IN POLAND**
Kurzawska, Aldona (Institute of Archaeology and Ethnology Polish Academy of Sciences) - Sobkowiak-Tabaka, Iwona (Faculty of Archaeology, Adam Mickiewicz University in Poznan)
- 14:15 FROM TURQUOISE TO COPPER – THE ROLE OF BEADS AND COLOUR IN THE EARLY PRELUDES TO METALLURGY**
Bruvoll, Hallvard (University of Oslo, Department of Archaeology, Conservation and History)
- 14:30 THE EXPLOITATION OF LOCAL RESOURCES AND INTERCOMMUNAL EXCHANGES IN NEO-ENEOLITHIC. SOME OBSERVATIONS FOR THE SUBCARPATHIAN AREA FROM EASTERN ROMANIA**
Diaconu, Vasile (Neamt National Museum Complex)
- 14:45 DISCUSSION SLOT**
- 15:00 EVIDENCE AND OPTIONS OF THE PREHISTORIC SALT EXPLOITATION IN THE CARPATHIAN MOUNTAINS**
Porubcanová, Zuzana (Department of Archaeology and Museology, Masaryk University Brno)

- 15:15 PECICA-ȘANȚUL MARE (ROMANIA): A REGIONAL CENTER FOR CRAFT AND TRADE IN THE MIDDLE BRONZE AGE**
Nicodemus, Amy (University of Wisconsin-La Crosse) - O'Shea, John (University of Michigan)
- 15:30 THE USAGE OF CLAY SOURCES IN MIDDLE BRONZE AGE. A CASE STUDY FROM EASTERN ROMANIA**
Drob, Ana ("Alexandru Ioan Cuza" University, Interdisciplinary Research Institute, Department of Exact Sciences and Natural Sciences, Arheoinvest Center, Iași) - Bolohan, Neculai ("Alexandru Ioan Cuza" University, Faculty of History, Iași) - Vasilache, Viorica ("Alexandru Ioan Cuza" University, Interdisciplinary Research Institute, Department of Exact Sciences and Natural Sciences, Arheoinvest Center, Iași) - Rățoi, Bogdan ("Alexandru Ioan Cuza" University, Faculty of Geography and Geology, Iași) - Brebu, Mihai ("Petru Poni" Institute of Macromolecular Chemistry, Iași)
- 15:45 DISCUSSION SLOT**

304 INVESTIGATING SZÉKELY HISTORY THROUGH REGIONAL AND INTERDISCIPLINARY APPROACHES

- Room:** Main building, room 112
Time: 14:00 - 18:30
Theme: 3. The Carpathian Basin: Integration, Mobility and Diversity
Format: Regular session
Organisers: Zejdlik, Katie (Western Carolina University) - Bethard, Jonathan (University of South Florida) - Nyárádi, Zsolt (Haáz Rezső Múzeum, Ódorheiu Secuiesc)

PAPERS

- 14:00 INTRODUCTION**
- 14:15 INVESTIGATING THE ARCHAIC AND MODERN-DAY SZÉKELY GENE POOL AROUND SZÉKELYUDVARHELY**
Borbély, Noémi (Institute of Archaeogenomics, Research Centre for the Humanities, Budapest) - Szeifert, Bea (Institute of Archaeogenomics, Research Centre for the Humanities, Budapest; Doctoral School of Biology, Institute of Biology, ELTE Eötvös Loránd University, Budapest) - Kerestély, Koppány (Institute of Archaeogenomics, Research Centre for the Humanities, Budapest) - Pamjav, Horolma (Laboratory of Reference Samples Analysis, Institute of Forensic genetics, Hungarian Institute for Forensic Sciences, Budapest) - Egyed, Balázs (Department of Genetics, Faculty of Natural Sciences, ELTE Eötvös Loránd Univer-

sity, Budapest) - Nyárádi, Zsolt - Sófalvi, András (Haáz Rezső Múzeum, Odorheiu Secuiesc) - Gál, Szilárd Sándor (Muzeul Județean Mureș, Târgu Mureș) - Benkő, Elek (Institute of Archeology, Research Centre for the Humanities, Budapest) - Szécsényi-Nagy, Anna (Institute of Archaeogenomics, Research Centre for the Humanities, Budapest)

- 14:30 UNDERSTANDING SZÉKELY LIFE THROUGH BURIAL PRACTICES FROM A MORTUARY CONTEXT IN TRANSYLVANIA**
Reinman, Lauren (George Mason University) - Bethard, Jonathan (University of South Florida) - Nyárádi, Zsolt (Haáz Rezső Múzeum, Odorheiu Secuiesc)
- 14:45 UNDERSTANDING THE USE OF COINS IN SZÉKELY BURIALS, 12TH TO 17TH CENTURY**
Privette, Cameron - Zejdlik, Katie (Western Carolina University) - Nyárádi, Zsolt (Haáz Rezső Múzeum, Odorheiu Secuiesc)
- 15:00 FORGED IN BAIA MARE: SOCIAL RELATIONSHIPS AND THE EMBODIMENT OF MEDIEVAL GOLD MINING IN A 14TH-17TH CENTURY TRANSYLVANIAN CEMETERY**
Mollard, Priscilla - Zimmer, Adam (Rivulus Dominarum Bioarchaeology; University of Massachusetts Amherst)
- 15:15 DEMOGRAPHIC VARIATION AMONG MULTI-PERSON, CEMETERY INTERNMENTS IN MEDIEVAL AND BAROQUE SZEKLER TRANSYLVANIA**
Zejdlik, Katie (Western Carolina University) - Bethard, Jonathan (University of South Florida) - Nyárádi, Zsolt (Haas Rezső Múzeum, Székelyudvarhely) - Kulhavy, Kathryn (University of Tennessee, Knoxville)
- 15:30 UN-ERASING THE INVISIBLE ELDERLY IN BIOARCHAEOLOGY: AN EXAMPLE FROM THE SZÉKELYFÖLD**
Bethard, Jonathan (University of South Florida) - Zejdlik, Katie (Western Carolina University) - Nyárádi, Zsolt (Haáz Rezső Múzeum)
- 15:45 DISCUSSION SLOT**
- 16:30 AN ANALYSIS OF DENTAL-SKELETAL AGE DISCREPANCY IN A MEDIEVAL TRANSYLVANIAN POPULATION**
Bews, Elizabeth (University of South Florida) - Zejdlik, Katie (Western Carolina University) - Nyárádi, Zsolt (Haáz Rezső Múzeum) - Gonciar, Andre (ArchaeoTek Canada, LLC) - Bethard, Jonathan (University of South Florida)

- 16:45 AN EXPLORATION OF STRESS AND DIET THROUGH CARBON AND NITROGEN STABLE ISOTOPE ANALYSIS IN LATE MEDIEVAL-EARLY MODERN ROMANIA**
Watson, Jenna (The University of Tennessee Knoxville) - Constantinescu, Mihai (Francisc I. Rainer Institute of Anthropology, Romanian Academy; Faculty of History, University of Bucharest)
- 17:00 TRANSYLVANIA DIET: A COMPARATIVE INVESTIGATION OF A SAXON COMMUNITY FROM BRAȘOV, ROMANIA (14TH-18TH CENT.)**
Barkmeier, Jonathan (University of Central Florida)
- 17:15 SZÉKELY SUBSISTENCE AND SOCIAL STRATIFICATION REVEALED THROUGH STABLE ISOTOPE ANALYSIS**
Bethard, Jonathan (University of South Florida) - Zejdlik, Katie (Western Carolina University) - Nyárádi, Zsolt (Haáz Rezső Múzeum) - Gonciar, Andre (ArcheoTek, LLC)
- 17:30 DISCUSSION SLOT**

305 UNRAVELLING THE URBAN PALIMPSEST: THE RE-USE AND INTEGRATION OF URBAN FABRIC IN TIME AND SPACE

- Room:** Building R, room E030
Time: 14:00 - 18:30
Theme: 2. [Re]integration
Format: Regular session
Organisers: Bouwmeester, Jeroen (Cultural Heritage Agency of the Netherlands) - Belford, Paul (Clwyd-Powys Archaeological Trust) - Kolláth, Ágnes (Archaeological Institute Hungarian Academy of Sciences)



PAPERS

- 14:00 INTRODUCTION**
- 14:15 INTRODUCTION TO UNRAVEL THE PALIMPSEST**
Bouwmeester, Jeroen (Cultural Heritage Agency of the Netherlands)
- 14:30 THE RECUPERATION AND REINTEGRATION OF MODERN AGE QANATS IN MADRID: AN EXAMPLE OF A HIDDEN BUT ESSENTIAL LANDSCAPE**
Zamora, Aurea (Independent researcher) - Briones Martínez, Cecilia (Ayuntamiento de Madrid) - Arnáiz Barrio, Fernando - González García, Toñi (Cotas 0,00 s.l.)
- 14:45 CROSS, HALF MOON, GUNPOWDER – CHURCHES OF HUNGARIAN CITIES IN THE OTTOMAN–HABSBURG WARS' NORTH-WESTERN BORDER ZONE**
Kolláth, Ágnes (Bölcsészettudományi Kutatóközpont)

- 15:00 MAKING ROOM FOR SPECTACULA: THE ENTERTAINMENT BUILDINGS IN THE URBAN DEVELOPMENT OF ROMAN THRACE**
Andreeva, Petya (Austrian Archaeological Institute)
- 15:15 DISCUSSION SLOT**
- 15:30 PHENOMENA OF RE-USE AND INTEGRATION OF THE URBAN GRID IN THE CITYSCAPE OF NEA PAPHOS; THE CAPITAL OF HELLENISTIC-ROMAN CYPRUS**
Miszczak, Lukasz (Institute of Archaeology Jagiellonian University) - Kubicka-Sowińska, Anna (Warsaw University of Technology) - Papuci-Władyka, Ewdoksia (Institute of Archaeology Jagiellonian University; University of Warsaw) - Brzozowska-Jawornicka, Aleksandra (Wrocław University of Science and Technology) - Ostrowski, Wojciech (Warsaw University of Technology) - Michalik, Michał (Institute of Archaeology Jagiellonian University)
- 15:45 SETTLEMENT PATTERN MODELLING AND THE STRUCTURE OF URBANISM OVER TIME AT ANGKOR, CAMBODIA**
Klassen, Sarah (Leiden University) - Fletcher, Roland (University of Sydney)
- 16:30 URBAN STORIES FROM A SEVEN HILLS CAPITAL IN EASTERN ROMANIA**
Bolohan, Neculai („Alexandru Ioan Cuza” University of Iași) - Drob, Ana - Asăndulesei, Andrei (Alexandru Ioan Cuza” University, Interdisciplinary Research Institute, Science Department, Arheoinvest Research Center, Iași)
- 16:45 DISCUSSION SLOT**
- 17:00 VALORISATION OF LIVING SPACE IN MEDIAEVAL AND EARLY MODERN CITIES. EXAMPLES FROM CENTRAL EUROPE**
Legut-Pintal, Maria (Institute of Archaeology - University of Wrocław) - Grosel, Mikołaj (Faculty of Architecture - Wrocław University of Technology)
- 17:15 URBAN ARCHAEOLOGY IN DURRËS (ALBANIA) – PROBLEMS AND THE FUTURE**
Lafe, Ols (Center for the Development of Ancient and Medieval Albanian Heritage; University)
- 17:30 A TOWN OF RUINS - REUSE, URBAN INFILL AND DECLINING POPULATION IN LATE MEDIEVAL LÖDÖSE**
Lazarides, Anton (Lödöse museum)
- 17:45 NEW TOWNS RENEWED? DEVELOPMENT AND ARCHAEOLOGY IN THE MEDIEVAL TOWNS OF WALES**
Belford, Paul (Clwyd-Powys Archaeological Trust)

- 18:00 DISCUSSION SLOT**

POSTERS

- A. CASTLE IN THE HEART OF THE TOWN. THE FUNCTIONS OF TATA CASTLE (HUNGARY) FROM THE MIDDLE AGES TO THE PRESENT**
Kovács, Bianka (Institute of Archaeology, Research Center for the Humanities)

312 CONTINUITY AND DISCONTINUITY OF TRANSPORT SYSTEMS FROM ANTIQUITY TO THE PRESENT

- Room:** Building R, room E030
Time: 8:30 - 13:00
Theme: 4. Polis, Empire, League and Beyond – Living in Interconnected Societies
Format: Regular session
Organisers: Rajala, Ulla (Stockholm University) - Fulminante, Francesca (UCL; University of Bristol; Roma Tre University) - Lewis, Joseph (University of Cambridge) - Stamera, Laura (Roma Tre University) - Citter, Carlo (University of Siena)

PAPERS

- 8:30 INTRODUCTION**
- 8:45 NETWORKS AND RESILIENCE: USING SOCIAL NETWORK ANALYSIS AND AGENT-BASED MODELLING TO EVALUATE THE SIGNIFICANCE OF MESOPOTAMIAN HOLLOW WAYS**
Priß, Deborah (Durham University)
- 9:00 ROADS AND RIVERS. THE IMPORTANCE OF REGIONAL TRANSPORTATION NETWORKS FOR EARLY URBANIZATION IN CENTRAL ITALY (1000-500 BC)**
Fulminante, Francesca (University College London; Bristol University; University Roma Tre) - Prignano, Luce - Cozzo, Emanuele (Departament de Física de la Matèria Condensada, Universitat de Barcelona; Universitat de Barcelona Institute of Complex Systems - UBICS) - Candelas, Pablo (Departament de Física de la Matèria Condensada, Universitat de Barcelona)
- 9:15 CONNECTING LANDSCAPES ON THE LONG DURÉE. THE CASE OF CENTRAL SICILY**
Citter, Carlo (University of Siena) - Mazza, Michele (Soprintendenza Archeologia, Belle Arti e Paesaggio per la città metropolitana di Reggio Calabria e la provincia di Vibo Valentia)

- 9:30** **DISCUSSION SLOT**
- 9:45** **THE CHANGING ROAD NETWORKS OF THE FALISCAN AREA: ASSESSING ROAD NETWORKS AND ROAD CUTTINGS**
Rajala, Ulla (Stockholm University)
- 10:00** **MINDING THE GAP: SITUATING THE LANDSCAPES OF THE VIA AMERINA AND VIA FLAMINIA IN SOUTHERN UMBRIA**
Harder, Matthew (University of Missouri)
- 10:15** **INNER MOBILITY, LOCAL MOVEMENT AND WIDER CONNECTIONS IN THE LONG-TERM LANDSCAPE OF THE NUCLEATED SETTLEMENT OF BOEOTIA (CENTRAL GREECE)**
Stamerra, Laura (MA Roma Tre University) - Farinetti, Emeri (Department of Humanities – RomaTre University)
- 11:00** **ROMAN FRONTIERS CONNECT RATHER THAN DIVIDE**
Rummel, Christoph - Hofmann, Kerstin - Rasbach, Gabriele - Schröer, Sandra (RGK - Romano-Germanic Commission DAI)
- 11:15** **EVEN MORE FROZEN IN TIME: AN ANALYSIS OF POMPEII'S STREET NETWORK TO COMPARE METROLOGICAL PRACTICES BETWEEN THE CITY AND HINTERLAND**
Picker-Kille, David (Florida State University, Department of Classics)
- 11:30** **DISCUSSION SLOT**
- 11:45** **POSTAL RELAY SYSTEM IN MONGOLIA ACCORDING TO THE CHINESE TRAVELERS OF THE 13TH CENTURY**
Oguz, Anil - Özsoy, Nusret (Erzurum Technical University)
- 12:00** **THE CONTINUITY OF ROMAN ROAD TRANSPORT INFRASTRUCTURE IN LATER MEDIEVAL ENGLAND: THE GOUGH MAP OF C. 1400**
Oksanen, Eljas (University of Helsinki) - Brookes, Stuart (University College London)
- 12:15** **NEW OR OLD? EXPLORING THE CONSTRUCTION AND CONTINUITY OF THE ROMAN ROAD NETWORK IN THE SOUTHERN LEVANT**
Pažout, Adam - Brughmans, Tom (Centre for Urban Network Evolutions - UrbNet, Aarhus University) - de Soto, Pau (Universitat Autònoma de Barcelona)
- 12:30** **DISCUSSION SLOT**

315 **NEW TECHNOLOGIES, NEW TRENDS, NEW ETHICS IN CULTURAL HERITAGE MANAGEMENT**

- Room:** Building C, room 328
Time: 14:00 - 18:30
Theme: 1. Archaeologists and Archaeology Here and Now
Format: Regular session
Organisers: Chroni, Athina (Hellenic Ministry of Culture and Sports-General Directorate of Antiquities and Cultural Heritage; National Technical University of Athens) - Hamari, Pirjo (Finnish Heritage Agency) - Nilhamn, Bonnie (University of Helsinki, Doctoral Programme in Geosciences; "Nilhamn" - Dutch Museum and Cultural Heritage consult company)

PAPERS

- 14:00** **PERCEPTIONS OF CULTURAL HERITAGE IN POST-COVID TIMES: IASIS FOR RE-ORIENTATING CH MANAGEMENT**
Chroni, Athina (Ministry of Culture/Hellenic Republic, National Technical University of Athens) - Georgopoulos, Andreas (National Technical University of Athens)
- 14:15** **RETHINKING HISTORICAL COLLECTIONS AND MUSEUM PRACTICES: PROSPECTS AND CHALLENGES FROM THE SPINELLI ARCHAEOLOGICAL COLLECTION PROJECT AT MANN**
Savelli, Sveva (Saint Mary's University) - Santaniello, Emanuela (Museo Archeologico Nazionale di Napoli)
- 14:30** **REMOTELY MANAGING AND COMMUNICATING ARCHAEOLOGICAL INFORMATION TO THE PUBLIC: GIS FOR DOCUMENTING ANCIENT QUARRIES IN GREECE**
Chroni, Athina (Ministry of Culture/Hellenic Republic, National Technical University of Athens) - Megalooikonomou, Pavlos-Stylianou (National Technical University of Athens)
- 14:45** **NETWORKED LEARNING AND ONLINE ARCHAEOLOGICAL TRAINING: THE DIGITAL HORIZONS PROJECT**
Romanis, Thomas (Australian Archaeological Institute at Athens)
- 15:00** **THE CAST PROJECT. EXPLORING THE KNOWLEDGE OVER THE DARK. ADVANCED MULTIDISCIPLINARY ARCHAEOLOGY INVESTIGATIONS FROM PERTOSA CAVES, ITALY**
Di Meo, Andrea - Minelli, Antonella (Università degli Studi del Molise) - Caprioli, Federico (Independent Researcher) - La Greca, Giuseppe (Independent Researcher)

- 15:15** **CLICKBAIT HERITAGE**
Nilhamn, Bonnie (Helsinki University)
- 15:30** **DISCUSSION SLOT**
- 16:30** **THE ROLE OF 3D TECHNOLOGIES IN HEALING THE LOSS OF ARCHITECTURAL HERITAGE**
Denker, Ahmet (-)
- 16:45** **REVIEW OF YOUTH PARTICIPATION PRACTICES IN CULTURAL HERITAGE MANAGEMENT THROUGH DIGITAL TECHNOLOGIES**
Zhang, Yingxin (Eindhoven University of Technology)
- 17:00** **NEW TECHNOLOGY AS A TRUE ENRICHMENT IN THE MEDIATION OF CULTURAL HERITAGE**
Toulouse, Catherine - Lengyel, Dominik (BTU Brandenburg University of Technology Cottbus-Senftenberg)
- 17:15** **REMOTE SENSING, CLIMATE CHANGE, NATURAL HAZARDS: ASSESSING OBELISKS OF EASTERN EURASIA**
Langer, Christian (Peking University)
- 17:30** **SOCIAL LANDSCAPES: NEW APPROACHES TO QUALITATIVE DATA FOR INCLUSIVE PLANNING AND DEVELOPMENT**
Tenzer, Martina (University of York)
- 17:45** **ENGAGING WITH ARCHAEOLOGICAL LANDSCAPES: NARRATIVES FROM BRITISH NATIONAL PARKS**
Bowyer-Kazadi, Emily (University of Liverpool)
- 18:00** **DISCUSSION SLOT**

316 **SMALL OBJECTS REFLECTING GREAT CHANGES**

- Room:** Building F, room 12
Time: 8:30 - 13:00
Theme: 2. [Re]integration
Format: Regular session
Organisers: Rácz, Tibor (Ferenczy Museum Centre) - Fedorina, Anastasia (-)



PAPERS

- 8:30** **CERAMICS CHARTING CHANGE IN THE MEDIEVAL COUNTRYSIDE**
Lewis, Carena (University of Lincoln)

- 8:45** **CERAMIC VESSELS WITH TWO HANDLES FROM 10THC. AD – A SHORT RECAPITULATION OF DATA**
Czuppon, Tamás (Hansagi Museum, Mosonmagyaróvár; Pázmány Péter Catholic University) - Takács, Mikós - Langó, Péter (Research Centre for the Humanities, Eötvös Loránd Research Network)
- 9:00** **MASTERPIECE OF 14TH CENTURY RUSSIAN CERAMIC ART**
Koval, Vladimir (-)
- 9:15** **DISCUSSION SLOT**
- 9:30** **THE SOUTHERNMOST EXCEPTIONAL ARCHAEOLOGICAL DISCOVERY FROM THE HUNGARIAN CONQUEST PERIOD: THE SIGNIFICANCE OF SEVERAL FINDS FROM BAČKA REGION (SERBIA)**
Radišić, Milica (Institute of Archaeology, Belgrade) - Uzelac, Viktorija (City Museum, Sombor)
- 9:45** **THE ADOPTION OF CHRISTIANITY OF THE HUNGARIAN RURAL POPULATION IN LIGHT OF THE MATERIAL EVIDENCE**
Rácz, Tibor (Ferenczy Museum Centre) - Fűredi, Ágnes (Hungarian National Museum)
- 10:00** **PORPHYRY OBJECTS, EARLY CHRISTIAN BURIALS IN BORGUND, AND THE IMPLEMENTATION OF CHRISTIAN PRACTICE IN NORWAY**
Hansen, Gitte (University Museum of Bergen, University of Bergen) - Laugerud, Henning (Department of Linguistic, Literary and Aesthetic Studies, University of Bergen) - Jansen, Øystein (Dep of Natural history, University Museum of Bergen, University of Bergen) - Lørvik, Katharina (NIKU, Norwegian Institute for Cultural Heritage Research)
- 10:15** **DISCUSSION SLOT**
- 11:00** **LITERACY IN MEDIEVAL RUS' TOWNS: EVIDENCE FROM SUZDAL'**
Fedorina, Anastasia (-)
- 11:15** **TRACING POSTHOLES – A CHANGING SOCIAL LANDSCAPE AND A PUZZLING METAL DETECTOR FIND**
Hakansdotter, Lina - Johansson, Thomas - Aldén Rudd, Petra - Azzopardi, Amanda (Rio Göteborg)
- 11:30** **CONTACTS OF THE OLD PRUSSIANS WITH THE ANCIENT RUS' IN THE EARLY POST-VIKING PERIOD – NEW EXCAVATIONS IN PRIVOL'NOE-1**
Prassolow, Jaroslaw Aleksei (Centre for Baltic and Scandinavian Archaeology - ZBSA; Institute of Archaeology of Russian Academy of Sciences - IA RAN) - Skvortsov, Konstantin (Institute of Archaeology of Russian Academy of Sciences - IA RAN)
- 11:45** **DISCUSSION SLOT**

POSTERS

- A. THE NON-CERAMIC MATERIAL CULTURE OF THE MEDIEVAL CENTRAL SITE OF PRÁCHEŇ (CZECH REPUBLIC)**
Pták, Martin (University of South Bohemia; Charles University)
- B. "EASTER EGGS" OF OLD RUSIAN PERIOD FROM THE TERRITORY OF BELARUS**
Makouskaya, Viktoryia (Belarusian State University; Belarusian State Museum of Folk Architecture and Rural Lifestyle)

324 ROMAN HOUSING ON THE SHORES OF THE EASTERN MEDITERRANEAN. GLOBAL TRENDS, LOCAL RESPONSES?

- Room:** Main building, room 39
Time: 8:30 - 12:30
Theme: 4. Polis, Empire, League and Beyond – Living in Interconnected Societies
Format: Session with keynote presentation and discussion
Organisers: Rekowska, Monika (University of Warsaw) - Gasparini, Eleonora (independent researcher)

PAPERS

- 8:30 INTRODUCTION**
- 8:45 READING THE HOUSE OF ORPHEUS AT NEA PAPHOS (CYPRUS)**
Rekowska, Monika (University of Warsaw) - Michaelides, Demetrios (University of Cyprus, Nicosia) - Gasparini, Eleonora (Independent researcher) - Pensabene, Patrizio (University La Sapienza, Rome) - Kaniżewski, Jakub (Independent researcher)
- 9:00 DISCUSSION SLOT**
- 9:15 ALEXANDRIAN TRADITIONS AND TRANSFORMATIONS IN THE RESIDENTIAL ARCHITECTURE OF CYPRUS DURING THE IMPERIAL AGE**
Pensabene, Patrizio (Sapienza University)
- 9:30 HALLS AND COURTYARDS IN THE HOUSE OF DIONYSOS AT NEA PAPHOS (CYPRUS): INDIVIDUAL RESPONSES TO LOCAL AND GLOBAL TRENDS**
Gasparini, Eleonora (Independent researcher)
- 9:45 ORDINARY OR EXTRAORDINARY? ANCIENT RESIDENCES IN NEA PAPHOS AGAINST A WIDER BACKGROUND OF THE EASTERN MEDITERRANEAN CITIES**
Brzozowska-Jawornicka, Aleksandra (Wrocław University of Science and Technology)

- 10:00 DISCUSSION SLOT**
- 11:00 THE ROMAN HOUSES AT EPHEOS AND THEIR REPRESENTATIVE SPACES FOR THE LOCAL ÉLITE**
Barresi, Paolo (Università Kore Enna)
- 11:15 LIVING AND WORKING IN A SUBURBAN WINERY ALONG THE EAST. COAST OF THE ARGOLIS PENINSULA: THE SUNKEN VILLA OF EPIDAURUS**
Daviddo Petriaggi, Barbara (National Superintendency for Underwater Archaeological Heritage) - Galiatsatou, Panagiota (Ephorate of Underwater Antiquities of the Hellenic Ministry of Culture and Sports) - Medaglia, Salvatore (Department of Cultures, Education and Society, University of Calabria)
- 11:30 PERSISTENCE AND CHANGE. TOWARDS A THEORY OF LOCAL DIVERSITY IN VERNACULAR ROMAN ARCHITECTURE**
Kienzle, Peter (LVR-Archaeological Park Xanten)
- 11:45 DISCUSSION SLOT**

325 "OPEN SCIENCE" IN ARCHAEOLOGY AND HERITAGE: CHALLENGES AND FUTURE PERSPECTIVES

- Room:** Main building, room 137
Time: 14:00 - 16:00
Theme: 1. Archaeologists and Archaeology Here and Now
Format: Regular session
Organisers: Edinborough, Marija (The University of Melbourne) - Palmisano, Alessio (Ludwig-Maximilian University of Munich) - Bonacchi, Chiara (University of Stirling)

PAPERS

- 14:00 XRONOS: CHALLENGES IN BUILDING A GLOBAL OPEN REPOSITORY FOR CHRONOMETRIC DATA**
Roe, Joe - Hinz, Martin (Institute of Archaeological Sciences, University of Bern)
- 14:15 RETHINKING DATA SHARING IN PHYTOLITH RESEARCH: FROM FAIR PHYTOLITHS TO KEY INSIGHTS FOR ARCHAEOLOGY**
Lancelotti, Carla (CaSEs, Universitat Pompeu Fabra Department of Humanities; ICREA) - Karoune, Emma (The Alan Turing Institute) - Ruiz-Pérez, Javier (Texas A&M University) - García-Granero, Juan José (Spanish National Research Council) - Kerfant, Céline (CaSEs, Universitat Pompeu Fabra Department of Humanities) - Madella, Marco (CaSEs, Universitat Pompeu Fabra Department of Humanities; ICREA)

- 14:30 FROM POLICY TO PRACTICE – HOW TO BE FAIR AND OPEN IN HERITAGE**
Larsson, Asa (Swedish National Heritage Board)
- 14:45 'OPEN' HERITAGE RESEARCH IN BIG DATA ECOLOGIES**
Bonacchi, Chiara (University of Edinburgh)
- 15:00 PARTICIPATORY RESEARCH AS MEANINGFUL OPEN SCIENCE: FIRST RESULTS OF THE C-LIMES PROJECT**
Stevens, Saskia - Plets, Gertjan (Utrecht University)
- 15:15 THE LONG AND WINDING TOAD TO 'OPEN SCIENCE' IN ARCHAEOLOGY: DATA DISSEMINATION, REPRODUCIBILITY AND ETHICAL ISSUES**
Palmisano, Alessio (Ludwig-Maximilians-Universität München)
- 15:30 DISCUSSION SLOT**

327 STONE AGE STRAY FINDS AND HOW TO USE THEM

Room: Building A, room 329

Time: 8:30 - 16:00

Theme: 1. Archaeologists and Archaeology Here and Now

Format: Regular session

Organisers: Bergsvik, Knut Andreas (University of Bergen) - Nilsson, Björn (University of Lund) - Johanson, Kristiina (University of Tartu)



Palaeolithic and Mesolithic

PAPERS

- 8:30 INTRODUCTION**
- 8:45 WHAT DO YOU MEAN, THIS IS A STRAY FIND? DISCUSSING SOURCE CRITICISM IN THE LATE PALAEOLOGICAL RECORD OF NORTHERN GERMANY**
Grimm, Sonja - Eriksen, Berit (ZBSA - Centre for Baltic and Scandinavian Archaeology; CRC 1266 Scales of transformation) - Weber, Mara-Julia (Archaeological Museum Schloss Gottorf; CRC 1266 Scales of transformation)
- 9:00 STRAY FINDS A SLEEPING (ALMOST DEAD) SOURCE OF KNOWLEDGE, LET'S BRING IT TO LIFE**
Måge, Bjørnar (Museum Lolland Falster)
- 9:15 MUSARK AND GEOGRAPHIC VISUALISATION OF STONE AGE STRAY FINDS**
Matsumoto, Mieko - Uleberg, Espen (Museum of Cultural History, University of Oslo)

- 9:30 STONE AGE STRAY-FINDS IN WESTERN NORWAY: POTENTIAL FOR RESEARCH AND CULTURAL HERITAGE MANAGEMENT**
Bergsvik, Knut Andreas (University Museum, University of Bergen) - Aksdal, Jostein (Vestland county administration) - Lundström, Victor (University Museum, University of Bergen)
- 9:45 UNITED BY CRISIS? A TRANSDISCIPLINARY LOOK AT THE EARLY NEOLITHIC COMMUNITIES IN THE SCHLETZ SETTLEMENT CLUSTER, AUSTRIA**
Maurer, Jakob (University for Continuing Education Krems, Center for Museum Collections Management) - Längauer, Julia (University of Vienna, Department of Prehistory and Historical Archaeology) - Irrgeher, Johanna (Montanuniversität Leoben) - Puschenreiter, Markus (University of Natural Resources and Life Sciences Vienna) - Novotny, Friederike (Natural History Museum Vienna) - Teschler-Nicola, Maria (Natural History Museum Vienna; University of Vienna, Department of Evolutionary Anthropology) - Pieler, Franz (State Collections of Lower Austria)
- 10:00 DISCUSSION SLOT**
- 11:00 STRAY FINDS AND RITUAL DEPOSITIONS**
Larsson, Lars (Department of Archaeology and Ancient History)
- 11:15 FROM CHANCE FINDS IN BOGS TO WETLAND ARCHAEOLOGICAL SITES?**
Koivisto, Satu (University of Turku)
- 11:30 THE IMPLICATION OF STRAY BONE POINTS STUDIES TO THE FINAL PALAEOLOGICAL AND MESOLITHIC RESEARCH IN LITHUANIA**
Rimkus, Tomas (Centre for Baltic and Scandinavian Archaeology - ZBSA)
- 11:45 THE DISTRIBUTION OF ESTONIAN LATE NEOLITHIC AND BRONZE AGE STRAY STONE AND BRONZE ARTEFACTS: A QUANTITATIVE APPROACH**
Johanson, Kristiina - Paavel, Kristiina (University of Tartu) - Sikk, Kaarel (University of Luxembourg) - Kriiska, Aivar (University of Tartu)
- 12:00 MESOLITHIC STRAY FINDS AS POINT OF DEPARTURE FOR A SURVEY ON WATERLOGGED SITES**
Mahlstedt, Svea (Lower Saxony Institute for Historical Coastal Research - NihK)
- 12:15 NICE TO HAVE OR NEED TO HAVE? STRAY FINDS, A KEY TO UNDERSTAND THE EARLY NEOLITHIC IN NORTHERN ZEALAND, DENMARK?**
Aarsleff, Esben (Museum Nordsjælland)
- 12:30 DISCUSSION SLOT**

- 14:00 LATE GLACIAL STRAY FINDS FROM THE COLONISATION OF BRITAIN DATABASE (ENGLAND AND WALES) AND HOW TO USE THEM**
Mills, William (University of Oxford)
- 14:15 STRAY FINDS AND THE MESOLITHIC OF NORTH-EASTERN ITALY: THE CASE STUDIES OF THE SILE RIVER SPRING AREA AND COMELICO**
Fontana, Federica (Università di Ferrara - Dipartimento di Studi Umanistici - Sezione di Scienze preistoriche e antropologiche) - Visentin, Davide (Institución Milá y Fontanals, IMF-CSIC, Barcelona; Università di Ferrara - Dipartimento di Studi Umanistici - Sezione di Scienze preistoriche e antropologiche) - Bertola, Stefano (Università di Ferrara - Dipartimento di Studi Umanistici - Sezione di Scienze preistoriche e antropologiche)
- 14:30 UNLOCKING THE INVISIBLE POPULATION OF THE LATE MIDDLE NEOLITHIC IN EASTERN DENMARK THROUGH STRAY FINDS. INVESTIGATIONS AROUND ROSKILDE FJORD**
Struve, Emil (Roskilde Museum)
- 14:45 HIDDEN LITHIC TREASURES. MUSEUM COLLECTIONS OF THE NEOLITHIC STONE TOOLS**
Kufel-Diakowska, Bernadeta - Chłoń, Marcin - Bronowicki, Wojciech (University of Wrocław) - Borowski, Michał (independent researcher)
- 15:00 STONE BATTLE AND POLISHED AXES IN NW RUSSIA AS STRAY FINDS: POTENTIAL FOR ANALYSIS**
Dolbunova, Ekaterina (-) - Mazurkevich, Andrey (-) - Stolyarova, Tatyana (-) - Kazakov, Eduard (-) - Rineyskaya, Tatyana (-)
- 15:15 SCULPTED STONE WEAPONS IN NORTHEASTERN EUROPE IN THE 3RD MILLENNIUM BC: STRAY FINDS AS RITUAL DEPOSITS?**
Kashina, Ekaterina (-) - Mantere, Ville (University of Turku) - Zhulnikov, Aleksandr (-)
- 15:30 DISCUSSION SLOT**

338 POTTERY FROM POST-MEDIEVAL PERIOD IN CARPATHIAN BASIN. EVOLUTION OR REVOLUTION?

Room: Main building, room 138
Time: 14:00 - 16:00
Theme: 3. The Carpathian Basin: Integration, Mobility and Diversity
Format: Discussion session
Organisers: Španihel, Samuel (Museum of the Moravian Wallachia region Vseřín) - Bielich, Mário (Institute of Archaeology of the Slovak Academy of Sciences Nitra)

PAPERS

- 14:00 INTRODUCTION**
- 14:15 POTTERY OF THE 16TH AND 17TH CENTURY IN NORTHERN HUNGARY BASED ON THE EXAMPLE OF RESEARCH OF HRUŠOV CASTLE (SLOVAKIA)**
Bielich, Mario (Archeologický ústav SAV)
- 14:30 SLIPWARE PRODUCTION IN POST-MEDIEVAL POLAND AS A REFLECTION OF TRANSFER OF TECHNOLOGY AND STYLISTIC TRENDS IN EUROPEAN POTTERY-MAKING**
Bis, Magdalena (Institute of Archaeology and Ethnology Polish Academy of Sciences, Warsaw)
- 14:45 ON THE BORDER OF THE OCCIDENT: STOVE TILES FROM THE NORTH-WESTERN PART OF THE HUNGARIAN KINGDOM IN THE 16-17TH CENTURY**
Rakonczay, Rita (Eötvös Loránd University)
- 15:00 LATE MEDIEVAL AND POST-MEDIEVAL PERIOD CERAMIC SET FROM ŠINTAVA**
Nezvalová, Lucia - Vangľová, Terézia (Archaeological Institute of Slovak Academy of Sciences)
- 15:15 DISCUSSION SLOT**

POSTERS

- A. SKALKA NEAR TRENČÍN - CONTRIBUTION TO POSTMEDIAEVAL MATERIAL CULTURE FROM THE AREA OF MONASTERY**
Jakubcinová, Miriam (Archaeological Institute of Slovak Academy of Sciences) - Čurný, Marián (-)

340 NORTH EUROPEAN TRADING NETWORKS FOR IRON AND COPPER

Room: Building F, room 13
Time: 8:30 - 12:30
Theme: 4. Polis, Empire, League and Beyond – Living in Interconnected Societies
Format: Regular session
Organisers: Haggren, Georg (University of Helsinki; Muuritutkimus Oy) - Karlsson, Catarina - Magnusson, Gert (Jernkontoret)



PAPERS

- 8:30** **MEDIEVAL MINING PRODUCTION AND EXPORT FROM – THE ESSENTIAL OUTLANDS**
Karlsson, Catarina (Jernkontoret)
- 8:45** **A CENTRE IN ENGLAND'S IRON TRADE? AN INTERDISCIPLINARY STUDY OF MEDIEVAL IRON PRODUCTION AND TRADE IN SOUTH EAST ENGLAND**
Cranfield, Jack (University of Exeter)
- 9:00** **IRON IN BORGUND – OPERATIONAL CHAINS AND NETWORKS OF PRODUCTION AND TRADE**
Hope, Brita (University Museum of Bergen)
- 9:15** **DISCUSSION SLOT**
- 9:30** **RECTANGULAR IRON BLOOMS – A NEW AND NUMEROUS ARTEFACT GROUP FROM ESTONIA**
Saage, Ragnar - Jegorov, Sander (University of Tartu)
- 9:45** **IRON TRADE IN THE BALTIC AND NORTH SEA IN EARLY MEDIEVAL TIMES**
Magnusson, Gert (Stockholm University; Jernkontoret)
- 10:00** **METALLURGICAL ANALYSIS OF IRON BARS FROM THE POLISH 15TH C. COPPER WRECK**
Wärmländer, Sebastian (Department of Archaeology and Classical Studies, Stockholm University)
- 10:15** **DISCUSSION SLOT**
- 11:00** **A UNIQUE SHIP WRECK FOUND WITH A UNIQUE CARGO**
Hansson, Jim (Swedish national maritime and transport museums)
- 11:15** **STOCKHOLM'S SEABORNE IRON TRADE IN THE MIDDLE OF THE 16TH CENTURY**
Haggren, Georg (University of Helsinki; Muuritutkimus Oy)
- 11:30** **DISCUSSION SLOT**

344 INTEGRATING NEANDERTAL LEGACY: NEW OPPORTUNITIES FOR COOPERATION

- Room:** Building R, room E245
- Time:** 11:00 - 18:30
- Theme:** 1. Archaeologists and Archaeology Here and Now
- Format:** Regular session
- Organisers:** Mihelic, Sanjin (Archaeological Museum in Zagreb) - Leskovar, Tamara (Faculty of Arts, University of Ljubljana)



PAPERS

- 11:00** **INTRODUCTION**
- 11:15** **NEANDERTAL AND GRAVETTIAN DIETS: A CONTINUUM OR A REVOLUTION?**
Jankovic, Ivor (Centre for Applied Bioanthropology, Institute for Anthropological Research, Zagreb) - Voisin, Jean-Luc - Vauzelle, Alexandra - Condemi, Silvana (CNRS, EFS, ADES, Aix-Marseille Université)
- 11:30** **INTERACTIONS AMONG NEANDERTHALS, HERBIVORES AND CARNIVORES: DIET AND ECOLOGICAL RELATIONSHIPS IN THE MIDDLE AND LATE PLEISTOCENE**
Rivals, Florent (ICREA, Barcelona, Spain; Institut Català de Paleoecologia Humana i Evolució Social - IPHES-CERCA, Tarragona; Universitat Rovira i Virgili, Tarragona) - Bocherens, Hervé (Department of Geosciences, Biogeology, University of Tübingen; Senckenberg Centre for Human Evolution and Palaeoenvironment, University of Tübingen) - Camarós, Edgard (McDonald Institute for Archaeological Research, University of Cambridge) - Rosell, Jordi (Institut Català de Paleoecologia Humana i Evolució Social - IPHES-CERCA, Tarragona; Universitat Rovira i Virgili, Tarragona)
- 11:45** **DISCUSSION SLOT**
- 12:00** **THE ROLE OF NEANDERTALS IN SHAPING HOMO SAPIENS BEHAVIOR AND CULTURE 50-40KA; EXTENDED WORKSHOP(S) FOR SYNTHESIZING TRANSCONTINENTAL RESEARCH**
Soressi, Marie - Carmignani, Leonardo - Chu, Wei - Djakovic, Igor (Leiden University)
- 12:15** **MASTERING OF UNDERGROUND AREAS BY NEANDERTHALS REVEALED BY SPELEOTHEMS**
Verheyden, Sophie (Royal Belgian Institute of Natural Sciences) - Jaubert, Jacques (PACEA- University of Bordeaux) - Marinova, Elena (State Office for Cultural Heritage Baden-Wuerttemberg, Laboratory for Archaeobotany) - Gurova, Maria (National Institute of Archaeology, Bulgarian Academy of Sciences)
- 12:30** **NEANDERTHAL BURIAL PRACTICES IN WESTERN ASIA**
Been, Ella (Ono Academic College) - Barzilai, Omry (Israel Antiquities Authority)
- 12:45** **DISCUSSION SLOT**

- 14:00 NEW ZOOARCHAEOLOGICAL DATA FROM LA ADAM CAVE PALAEOOLITHIC SITE (DOBROGEA, SE ROMANIA)**
Vasile, Stefan (University of Bucharest, Faculty of Geology and Geophysics; Romanian Academy) - Dumitraşcu, Valentin (Romanian Academy, "Vasile Pârvan" Institute of Archaeology)
- 14:15 PALEOTEJO, A NETWORK FOR NEANDERTHAL AND PRE-NEANDERTHAL INVESTIGATION AND HERITAGE**
Pereira, Telmo (Universidade Autónoma de Lisboa; Instituto Politécnico de Tomar, Portugal; Centro de Geociências da Universidade de Coimbra; UNIARQ, Centro de Arqueologia da Universidade de Lisboa) - Raposo, Luís (Museu Nacional de Arqueologia; ICOM - International Council of Museums) - Figueiredo, Silvério (Instituto Politécnico de Tomar; Centro de Geociências da Universidade de Coimbra; CPGP - Centro Português de Geo-história e Pré-história) - Salvador, Margarida - Sousa, Fernanda (CPGP - Centro Português de Geo-história e Pré-história) - Cunha, Pedro Proença (Universidade de Coimbra, Lisboa; MARE - Centro de Ciências do Mar e do Ambiente) - Martins, António (Universidade de Évora; ICT - Instituto de Ciências da Terra) - Cunha-Ribeiro, João Pedro (Universidade de Lisboa, Portugal; UNIARQ, Centro de Arqueologia da Universidade de Lisboa) - Ferreira, Carlos (UNIARQ, Centro de Arqueologia da Universidade de Lisboa) - Pirata, Vânia (Universidade Autónoma de Lisboa)
- 14:30 PALAEOOLITHIC BIASES: SOME REFLECTIONS ON WHAT IS LIMITING PALAEOOLITHIC ARCHAEOLOGY IN ACADEMIA AND ARCHAEOLOGICAL MUSEUMS. A SPANISH PERSPECTIVE**
Romagnoli, Francesca (UAM - Universidad Autónoma de Madrid)
- 14:45 DISCUSSION SLOT**
- 15:00 NEANDERTHAL MORPHOLOGY AND THE FRONTAL BONE FROM HAHNÖFERSAND, GERMANY**
Röding, Carolin (Paleoanthropology, Senckenberg Centre for Human Evolution and Palaeoenvironment, Eberhard Karls University of Tübingen) - Profico, Antonio (DFG Centre of Advanced Studies 'Words, Bones, Genes, Tools', Eberhard Karls University of Tübingen; Catalan Institute of Human Paleoeology and Social Evolution IPHES, Tarragona) - Merkel, Michael (Archäologisches Museum Hamburg und Stadtmuseum Harburg) - Harvati, Katerina (Paleoanthropology, Senckenberg Centre for Human Evolution and Palaeoenvironment, Eberhard Karls University of Tübingen; DFG Centre of Advanced Studies 'Words, Bones, Genes, Tools', Eberhard Karls University of Tübingen; Museum of Anthropology, Medical School, National and Kapodistrian University of Athens)

- 15:15 IS EVERYTHING LOST? RE-EXCAVATION POTENTIAL OF OLD CAVE EXCAVATION DEPOSITS**
Škrdla, Petr (Institute of Archaeology of the CAS, Brno) - Nejman, Ladislav (School of Archaeology and Anthropology, The Australian National University) - Wright, Duncan (School of Archaeology and Anthropology, The Australian National University) - Králík, Miroslav (Department of Anthropology, Masaryk University, Brno) - Mlejnek, Ondřej (Archeologické centrum Olomouc) - Bartík, Jaroslav (Institute of Archaeology of the CAS, Brno)
- 15:30 NEW METHODS TO EXPLORE OLD DATA: APPLYING MODERN TECHNIQUES FROM DATA SCIENCE TO COMPARE NEANDERTHAL BEHAVIOR BETWEEN MIS6 AND MIS5E**
Kandel, Andrew - Bolus, Michael - Bruch, Angela - Groth, Claudia - Hertler, Christine - Heß, Julia - Kanaeva, Zara - Malina, Maria - Sommer, Christian - Haidle, Miriam (Heidelberg Academy of Sciences and Humanities)
- 15:45 DISCUSSION SLOT**
- 16:30 RAPTORS CLAWS, A NEANDERTHAL BRAND: A DISCUSSION AROUND SHARED PRACTICES ACROSS HUMAN COMMUNITIES IN SOUTHERN EUROPE**
Peresani, Marco (University of Ferrara, Department of Humanities, Pre-historic and Anthropological Sciences Unit/Department of Humanities; National Research Council, Institute of Environmental Geology and Geoengineering)
- 16:45 DISENTANGLING MIDDLE PALAEOOLITHIC TECHNO-COMPLEXES WITHOUT USING LABELS**
Marciani, Giulia (Università di Bologna, Dipartimento di Beni Culturali; Dipartimento di Scienze Fisiche, della Terra e dell'Ambiente, U. R. Preistoria e Antropologia, Università di Siena) - Leplongeon, Alice (Department of Archaeology, KU Leuven, Geo-Institute; UMR 7194 HNHP, Muséum national d'Histoire naturelle – CNRS – UPVD, Institut de Paléontologie Humaine) - Bortolini, Eugenio (HUMANE - Human Ecology and Archaeology Dept. Archaeology and Anthropology Institució Milà i Fontanals de Investigació en Humanidades Consejo Superior de Investigaciones Científicas) - Kandel, Andrew W. (The Role of Culture in Early Expansions of Humans, Heidelberg Academy of Sciences and Humanities) - Negrino, Fabio (Dipartimento di Antichità, Filosofia, Storia, Università degli Studi di Genova) - Ronchitelli, Annamaria (Dipartimento di Scienze Fisiche, della Terra e dell'Ambiente, U. R. Preistoria e Antropologia, Università di Siena) - Riel-Salvatore, Julien (Département d'anthropologie, Université de Montréal) - Moroni,

Adriana (Dipartimento di Scienze Fisiche, della Terra e dell'Ambiente, U. R. Preistoria e Antropologia, Università di Siena) - Benazzi, Stefano (Università di Bologna, Dipartimento di Beni Culturali)

17:00 DISCUSSION SLOT

17:15 NEANDERTHALS AND "US": HOW THE GOLDEN AGE OF NEANDERTHAL RESEARCH CHALLENGES HUMAN SELF-UNDERSTANDING

Peeters, Susan (Erasmus School of Philosophy - ESPhil, Erasmus University Rotterdam; Institute for Science in Society - ISIS, Radboud University Nijmegen) - Zwart, Hub (Erasmus School of Philosophy - ESPhil, Erasmus University Rotterdam)

17:30 TAKE A WALK ON THE VIRTUAL SIDE OF NEANDERTHALS. EXHIBITIVE SOLUTIONS TO TRAVEL INSIDE POGGETTI VECCHI (CENTRAL ITALY)

Florindi, Silvia (Istituto Italiano di Preistoria e Protostoria; Cyprus Institute - STARC) - Aranguren, Biancamaria (Soprintendenza Archeologia Belle Arti e Paesaggio per le province di Siena, Grosseto, Arezzo - retired) - Puzio, Daniela - Revedin, Anna (Istituto Italiano di Preistoria e Protostoria)

17:45 NEANDERTALS AS STAKEHOLDERS IN CULTURAL TOURISM: THE STORY SO FAR

Mihelic, Sanjin (Archaeological Museum in Zagreb)

18:00 DISCUSSION SLOT

345 LET IT BURN! EXPERIMENTAL AND ETHNOARCHAEOLOGICAL APPROACHES IN PYROARCHAEOLOGY

Room: Building R, room E253

Time: 8:30 - 16:00

Theme: 6. A Decade after the 'Third Science Revolution in Archaeology'

Format: Regular session

Organisers: Stahlschmidt, Mareike (Department of Human Evolution, Max Planck Institute for Evolutionary Anthropology, Leipzig) - Mallol, Carolina (Departamento de Geografía e Historia, Campus de Guajara, Universidad de La Laguna; Archaeological Micromorphology and Biomarkers - AMBI Lab, Instituto Universitario de Bio-Orgánica Antonio González, La Laguna) - Miller, Christopher (Institute for Archaeological Sciences, University of Tübingen) - O'Neill, Brendan (School of Archaeology, Centre for Experimental Archaeology and Material Culture - CEAMC, University College Dublin)

PAPERS

8:30 INTRODUCTION

8:45 EXPERIMENTAL BIRCH TAR MAKING ALLOWS TO IDENTIFY ANCIENT PRODUCTION METHODS

Schmidt, Patrick (Department of Early Prehistory and Quaternary Ecology, Eberhard Karls University of Tübingen; Applied Mineralogy, Department of Geosciences, Eberhard Karls University of Tübingen) - Koch, Tabea (CEPAM, Université Côte d'Azur, CNRS, Nice)

9:00 EXTRAS PROGRAM NEW RESULTS: UNRAVELLING TEMPERATURE FROM FUEL INFLUENCE ON RAMAN SIGNAL

Vandevelde, Ségolène (Laboratory of Climate and Environment Sciences - LSCE UMR8212) - Deldicque, Damien (Laboratoire de Géologie de l'ENS)

9:15 LESSONS FROM A LONG TERM WOOD FIRE EXPERIMENT

Karkanias, Panagiotis (Malcolm H. Wiener Laboratory for Archaeological Science, ASCSA)

9:30 RE-LIGHT MY FIRE: THE POTENTIAL OF MAGNETIC SUSCEPTIBILITY AS A PROXY FOR IDENTIFYING RELIGHTING EVENTS IN PREHISTORIC COMBUSTION FEATURES

Hoare, Sally (Dept. Archaeology, Classics and Egyptology, University of Liverpool) - Albert, Rosa (ERAAUB, Department of History and Archaeology, University of Barcelona; ICREA) - Gowlett, John (Dept. Archaeology, Classics and Egyptology, University of Liverpool) - Hallsall, Karen (Liverpool Hope University) - Stahlschmidt, Mareike (Department of Human Evolution, Max Planck Institute for Evolutionary Anthropology, Leipzig) - Ian, Stanistreet (Department of Earth, Ocean and Ecological Sciences, University of Liverpool; Stone Age Institute, Bloomington)

9:45 HOW ABOVE GROUND HEAT ALTERS MATERIAL UNDERGROUND: A HIGHLY CONTROLLED HEATING EXPERIMENT FOR BONE BURIED IN SEDIMENT

Gallo, Giulia (UC Davis Anthropology) - Aldeias, Vera (Interdisciplinary Center for Archaeology and the Evolution of Human Behavior - ICArEHB) - Stahlschmidt, Mareike (Max Planck Institute for Evolutionary Anthropology)

10:00 LIVING IN DESERT ZONES, FORMATION PROCESSES OF ARCHAEOLOGICAL FIRE SIGNATURES IN THE ATACAMA DESERT SOILS FORMATIONS

March, Ramiro (CNRS - SCTD - UMR 6566 - CD0941) - Bastos, Galaad (CNRS UMR 6566) - Santoro Vargas, Calogero (Universidad de Tarapaca)

- 10:15 DISCUSSION SLOT**
- 11:00 MAMMOTH DUNG AS A FUEL RESOURCE IN PLEISTOCENE EURASIA? AN EXPERIMENTAL APPROACH**
Miller, Christopher (University of Tübingen; Senckenberg Center for Human Evolution and Paleoenvironment; SFF Centre for Early Sapiens Behaviour - SapienCE, University of Bergen) - Haidle, Miriam (The Role of Culture in Early Expansions of Humans - ROCEEH, Heidelberg Academy of Sciences and Humanities, Senckenberg Forschungsinstitut und Naturmuseum)
- 11:15 EXPERIMENTAL FUMIER DEPOSITS: A MICROMORPHOLOGICAL APPROACH TO FORMATION PROCESS**
Polo-Díaz, Ana (University of the Basque Country UPV/EHU; University of Sheffield) - Burguet-Coca, Aitor - Allué, Ethel - Expósito, Isabel - Vergès, Josep (IPHES Institut Català de Paleoeologia Humana i Evolució Social; URV e Àrea de Prehistòria, Facultat de Lletres, Universitat Rovira i Virgili)
- 11:30 FROM FUEL TO EMBERS: EXPERIMENTING ON IRON AGE COMBUSTION STRUCTURES IN THE WESTERN MEDITERRANEAN**
Belarte, Maria Carme (ICREA - Catalan Institution for Research and Advanced Studies; ICAC - Catalan Institute of Classical Archaeology) - Portillo, Marta (Department of Archaeology and Anthropology, Institutió Milà i Fontanals - IMF, Spanish National Research Council - CSIC) - Mateu, Marta - Saorin, Carme (GRAP - Grup de Recerca en Arqueologia Protohistòrica, Institut d'Arqueologia de la Universitat de Barcelona - IAUB) - Pastor, María (ICAC - Catalan Institute of Classical Archaeology) - Pou, Josep (Calafell Town Council) - Morer, Jordi (GRACPE, Institut d'Arqueologia de la Universitat de Barcelona - IAUB) - Castells, Georgina (Calafell Town Council) - Vila, Sílvia (Universitat de Lleida) - Pescini, Valentina (ICAC - Catalan Institute of Classical Archaeology)
- 11:45 NEOLITHIC OVEN BUILDING TECHNIQUES: EXCAVATION OF THE OVEN FROM THE SITE OF VINČA – BELO BRDO AND ITS EXPERIMENTAL RECONSTRUCTION**
Đurić, Ana (Laboratory for Bioarchaeology, Faculty of Philosophy, University of Belgrade)
- 12:00 THE PROXEMICS OF FIRE IN CERAMIC TECHNOLOGY. THE CASE OF THE UP-DRAUGHT KILN**
Gheorghiu, Dragos (National University of Arts - Bucharest; ITM Macao)
- 12:15 DISCUSSION SLOT**

- 14:00 TRACKING SEAWEED FUEL IN THE ARCHAEOLOGICAL RECORD THROUGH RAMAN SPECTROSCOPY OF CHARRED PARTICLES**
Sitzia, Luca (Universidad de Tarapacá - Departamento de Antropología) - Power, Ximena (Instituto de Arqueología y Antropología - IIA, Universidad Católica del Norte) - Carcamo, José (Investigador Externo Dirección de Investigación, Postgrado y Transferencia Tecnológica - DIPTT, Universidad de Tarapacá) - Maalouf, Jean-Paul (Independent researcher) - Zurro, Débora (HUMANE Research Group. Institutió Milà i Fontanals de Investigació en Humanitats IMF-CSIC) - Salazar, Diego (Departamento de Antropología, Facultad de Ciencias Sociales - FACSO, Universidad de Chile) - Ibacache, Sebastian (Independent researcher) - Silva, Claudia (Museo de Historia Natural de Concepción) - Borie, Cesar (Instituto de Arqueología y Antropología - IIA, Universidad Católica del Norte) - Roa, Constanza (División Arqueología Museo de La Plata - Laboratorio 129, Facultad de Ciencias Naturales y Museo, Universidad Nacional de la Plata)
- 14:15 THE USE OF FIRE IN A METALLURGICAL SITE FROM THE INCA PERIOD (1450-1536 DC) IN THE ATACAMA DESERT, NORTHERN CHILE**
Grimberg, Daniela (Independent researcher) - Cifuentes, Ariadna (Antropología UCN-UTA, Universidad Católica del Norte, San Pedro de Atacama) - Figueroa, Valentina (Instituto de Investigaciones Arqueológicas y Museo R.P. Gustavo Le Paige, Universidad Católica del Norte, San Pedro de Atacama)
- 14:30 DEATH AND FIRE. THE IDENTIFICATION AND CHARACTERIZATION OF PYRE GOODS AND THEIR USE IN CREMATION BASED ON EXPERIMENTAL AND ARCHAEOLOGICAL OBSERVATIONS**
Fülöp, Kristóf (Institute of Archaeology Research Centre for the Humanities)
- 14:45 LODOVICO BRUNETTI'S EXPERIMENTAL STUDIES FOR THE CONSTRUCTION OF A CREMATORIUM IN THE LATE 19TH CENTURY**
Magno, Giovanni (University Museums Centre CAM, University of Padua) - Zanatta, Alberto (Department of Cardiac, Thoracic, Vascular Sciences and Public Health - University of Padua)
- 15:00 DISCUSSION SLOT**
- POSTERS**
- A. THE EXPERIMENTAL BURNING DOWN OF A LATE NEOLITHIC HOUSE RECONSTRUCTION**
van Gijn, Annelou (Faculty of Archaeology, Leiden University) - Pomstra, Diederik (Leiden University)

B. EXPERIMENTAL CREMATIONS AND THE EFFECTS ON BONE MICROSTRUCTURES

Bantavanou, Panagiota (Laboratory of Physical Anthropology, Department of History and Ethnology, Democritus University of Thrace) - Trantalidou, Aikaterini (Hellenic Ministry of Culture & Sports, Independent Department of Press, Communication and Promotion, Athens) - Papageorgopoulou, Christina (Laboratory of Physical Anthropology, Department of History and Ethnology, Democritus University of Thrace)

350 [RE]INTEGRATING A DISPERSED AGENDA: ADVANCING ARCHAEOLOGICAL RESEARCH IN CENTRAL EURASIA**Room:** Building A, room 330**Time:** 14:00 - 18:30**Theme:** 1. Archaeologists and Archaeology Here and Now**Format:** Discussion session**Organisers:** Rouse, Lynne (German Archaeological Institute, Eurasia Dept; Washington University in St. Louis) - Dupuy, Paula (Nazarbayev University)**PAPERS****14:00 INTRODUCTION****14:10 HISTORIOGRAPHY AND TERMINOLOGY: TOWARDS A MORE INCLUSIVE PAST**

Kidd, Fiona (New York University Abu Dhabi)

14:20 ARCHAEOLOGY OF CENTRAL ASIA THROUGH THE HISTORICAL PRISM

Shnaider, Svetlana (L.N. Gumilyov Eurasian National University)

14:30 RE-INTEGRATING ARCHAEOLOGICAL RESEARCH IN CENTRAL AND EASTERN EURASIA: RE-VISITING REGIONAL ARCHAEOLOGIES

Wright, Joshua (University of Aberdeen)

14:40 (RE)INTEGRATING THE ARCHAEOLOGY OF THE STEPPES THROUGH ARCHAOMETALLURGICAL RESEARCH

Radivojevic, Miljana (UCL Institute of Archaeology)

14:50 [RE]INTEGRATING RAW MATERIALS AND TECHNOLOGIES IN CONTEXTS OF SOCIAL AND SPATIAL MOBILITY IN CENTRAL EURASIAN BRONZE AGE

Luneau, Elise (Deutsches Archäologisches Institut, Eurasien-Abteilung)

15:00 FRUITS, CEREALS, AND SPICES ALONG THE SILK ROAD: CONNECTING PLANTS REMAINS AND PEOPLE'S DISPERSAL

Dal Martello, Rita - Spengler, Rob (Max Planck Institute for the Science of Human History)

15:10 THE RESULTS AND PERSPECTIVES OF COMPLEX RESEARCH ON THE TERRITORY OF KYRGYZSTAN

Tabaldyev, Kubatbek (Kyrgyz-Turkish Manas University)

15:20 A STEPPE IN A NEW DIRECTION: CAPACITY BUILDING IN CENTRAL AND INNER ASIAN ARCHAEOLOGY

Hermes, Taylor (Max Planck Institute for Evolutionary Anthropology)

15:30 SCIENTIFIC STAGNATION AND PARADIGM SHIFT IN KYRGYZSTAN

Abdykanova, Aida (American University of Central Asia)

15:40 WHAT ARE THE "POST-ISMS" OF CENTRAL ASIAN ARCHAEOLOGY IN THE 21ST CENTURY?

Brite, Elizabeth (Purdue University)

15:50 THE SCIENTIFIC REVOLUTION IN CENTRAL EURASIA

Ventresca Miller, Alicia (University of Michigan)

16:30 DISCUSSION SLOT**353 ETHICS, CONFLICT ARCHAEOLOGY AND SOCIETY IN THE 20TH AND 21ST CENTURIES****Room:** Building R, room E021**Time:** 14:00 - 18:00**Theme:** 1. Archaeologists and Archaeology Here and Now**Format:** Regular session**Organisers:** Hausmair, Barbara (University of Innsbruck/Department of Archaeologies) - Theune, Claudia (University of Vienna/Department of Prehistory and Historical Archaeology) - Moshenska, Gabriel (University College London/Institute of Archaeology)**PAPERS****14:00 INTRODUCTION****14:15 DEALING WITH THE LEGACIES OF CONFLICT AND VIOLENCE IN DREŽNICA, CROATIA**

Simões, Sara (UNIARQ - Center for Archaeology, University of Lisbon) - Stojević, Iva (Institute of East Asian Studies, École Normale Supérieure de Lyon) - Grgurinović, Ivona (Department of Ethnology and Cultural Anthropology, Faculty of Humanities and Social Sciences, University

of Zagreb) - Parežanin, Lujo (Department of Comparative Literature, Faculty of Humanities and Social Sciences, University of Zagreb) - Gomes Coelho, Rui (Department of Archaeology, Durham University; UNIARQ - Centre for Archaeology, University of Lisbon) - Horvatinčić, Sanja (Institute of Art History, Zagreb) - Gligora, Valerija (Valdir - obrt za istraživanje i usluge, Zagreb)

14:30 DYNAMICS OF CONTESTED HERITAGE

Iglic, Sara - Kulenović, Igor - Vrkić, Šime - Kulenović, Neda (University of Zadar)

14:45 THE DEFENSIVE SYSTEM OF PLOIEȘTI (ROMANIA) DURING THE SECOND WORLD WAR (1939-1945)

Banica, Costina - Jané, Oscar (Autonomous University of Barcelona)

15:00 DISCUSSION SLOT

15:15 MAKING CONFLICT ARCHAEOLOGY USEFUL: LINKAGES WITH CRITICAL MILITARY STUDIES

Carman, John - Carman, Patricia (University of Birmingham)

15:30 WAR AT THE END OF THE WORLDS? CONFLICT HERITAGE, ETHICS AND THE PLURIVERSE IN ARCHAEOLOGY

Breithoff, Esther (Birkbeck, University of London)

15:45 DISCUSSION SLOT

16:30 "LEFT, RIGHT, LEFT, RIGHT" POLITICAL INTERPRETATIONS OF HERITAGE OF FINNISH WARS AND READINGS IN MATERIAL CULTURE

Kauhanen, Riku (University of Turku)

16:45 ARCHAEOLOGY, HUMAN REMAINS AND CONTESTED NARRATIVES: INTERPRETING THE MATERIAL REMAINS OF THE LITHUANIAN PARTISAN WAR

Petrauskas, Gediminas (Klaipėda University, Institute of Baltic Region History and Archaeology)

17:00 THE DNA IDENTIFICATION OF HUMAN REMAINS FROM WORLD WAR II: THE ETHICAL CHALLENGES OF RACIALISED IDENTITIES AND NATIONALIST NARRATIVES

Renshaw, Layla (Kingston University London) - Dziuban, Zuzanna (Institute of Culture Studies and Theatre History, Austrian Academy of Sciences)

17:15 DISCUSSION SLOT

355 RE-VISITING THE GLOBAL/LOCAL CONTINUUM IN ARCHAEOLOGICAL HERITAGE PRACTICE: CONTRASTING HISTORIES, PERSPECTIVES, AND EXPERIENCES WITHIN AND BEYOND EUROPE

Room: Main building, room 137

Time: 16:30 - 18:30

Theme: 1. Archaeologists and Archaeology Here and Now

Format: Discussion session

Organisers: Lazzari, Marisa (Department of Archaeology, University of Exeter) - Lilley, Ian (Faculteit Archeologie, University of Leiden; School of Social Science, University of Queensland) - Orlandi Barbano, Francesco (Department of Archaeology, University of Exeter)

PAPERS

16:30 INTRODUCTION

16:45 TRANS ADRIATIC PIPELINE IN SOUTHERN ITALY: THE STORY OF A COMPLEX RELATIONSHIP BETWEEN HERITAGE, COMMUNITY AND LARGE-SCALE DEVELOPMENT

Iacono, Francesco - Faccio, Vittoria (Dipartimento di Storia Culture Civiltà, University of Bologna)

17:00 UNARCHIVED STORIES AND ALTERNATIVE PERCEPTIONS OF SULTANAHMET ARCHAEOLOGICAL PARK, A UNESCO WHS

Yalman, Nurcan (Nisantasi University Istanbul Dept of History) - Cana, Sinan (Nişantaşı University Dept of Tourist Guiding)

17:15 CHANGING POLITICAL PERCEPTIONS OF THE SULTANAHMET ARCHAEOLOGICAL PARK, A UNESCO WHS

Cana, Sinan - Yalman, Nurcan (Nişantaşı University)

17:30 DISCUSSION SLOT

366 INTERDISCIPLINARY APPROACHES TO THE ANALYSIS OF FUNERARY ARCHAEOLOGY DURING THE BRONZE - IRON AGE TRANSITION IN ATLANTIC EUROPE

Room: Building F, room 13

Time: 14:00 - 18:30

Theme: 2. [Re]integration

Format: Regular session

Organisers: Still, Beverley (Department of Archaeology, University of Durham) - Spillane, Ben (Department of Archaeology, University College Cork) - Louwen, Arjan (Faculty of Archaeology, Leiden University)

PAPERS

- 14:00 INTRODUCTION**
- 14:15 FROM ASSESSMENT TO EXCESS: THE SHEER ABUNDANCE OF URNFIELD DATA IN THE LOWER-RHINE-BASIN**
Louwen, Arjan (Leiden University)
- 14:30 WHAT A TIME TO BE ALIVE. INTERDISCIPLINARY RESEARCH OF AN EXCEPTIONAL URNFIELD IN TILBURG – UDENHOUTSEWEG, THE NETHERLANDS**
Brattinga, Joris (Archeologisch Onderzoek Leiden bv - Archol) - Veselka, Barbara (Analytical, Environmental & Geo-Chemistry, Department of Chemistry, Vrije Universiteit Brussel.; Maritime Cultures Research Institute, Department of Art Sciences and Archaeology, Vrije Universiteit Brussel) - Boudin, Mathieu - van Strydonck, Mark (Royal Institute for Cultural Heritage Brussels - KIK/IRPA) - De Mulder, Guy (Department of Archaeology, Ghent University) - van den Eynde, Guido (Town archaeologist, Municipality of Tilburg)
- 14:45 AMS 14C DATING OF LATE BRONZE AND EARLY IRON AGE CREMATED BONES FROM BARROWS IN WESTERN LITHUANIA: RESULTS AND INTERPRETATION**
Muradian, Lijana (Vilnius University)
- 15:00 DISCUSSION SLOT**
- 15:15 A TAPHONOMIC APPROACH OF CREMATED REMAINS: RECONSIDERING THE BODY THROUGH CASE STUDIES IN BRONZE AGE SCOTLAND**
Chaumont Sturtevant, Elisabeth (University of Aberdeen)
- 15:30 FUNERARY PRACTICES ON THE EDGE OF SCOTLAND: THE ANALYSIS OF THE DISARTICULATED HUMAN BONE ASSEMBLAGES FROM THE COVESEA CAVES**
Primeau, Charlotte (University of York) - Booth, Tom (Ancient Genomics Laboratory, The Francis Crick Institute) - Büster, Lindsey (University of York; Canterbury Christ Church University) - Armit, Ian (University of York)
- 15:45 DISCUSSION SLOT**
- 16:30 WORLDS APART: LOCAL LANDSCAPES AND COSMOPOLITAN CENTRES FOR DEALING WITH THE DEAD IN LATER PREHISTORIC BRITAIN**
Büster, Lindsey (Canterbury Christ Church University; University of York) - Bleasdale, Madeleine - Fischer, Claire-Elise - Primeau, Charlotte - Armit, Ian (University of York)

- 16:45 INVISIBLE AND MISUNDERSTOOD: IDENTIFYING THE DEAD IN LATE BRONZE AND EARLY IRON AGE BRITAIN**
Still, Beverley (Durham University)
- 17:00 SETTING THE SCENE: HOW A STUDY BURIAL AND SOCIETY IN EARLY BRONZE IRELAND CONTEXTUALISES DEVELOPMENTS IN THE LATER BRONZE AGE**
McSparron, Cormac (Queen's University Belfast)
- 17:15 LATER BRONZE AGE URN BURIAL AND CULTURAL CHANGE AT THE END OF THE BRONZE AGE.**
Becker, Katharina - Spillane, Ben (Department of Archaeology, University College Cork)
- 17:30 DISCUSSION SLOT**

POSTERS

- A. THEY LAY BEYOND THE BORDERS: THE STUDY CASE OF 4TH-17TH CENTURY BURIAL MOUND RATULĀNI IN THE TERRITORY OF LATVIA**
Erkske, Aija (Institute of Latvian History at the University of Latvia)

369 COMMERCE IN THE LATE ANTIQUE WEST: APPROACHES TO ANALYSE TRADE NETWORKS IN TIMES OF CHANGE

- Room:** Building C, room 328
Time: 8:30 - 13:00
Theme: 4. Polis, Empire, League and Beyond – Living in Interconnected Societies
Format: Regular session
Organisers: Schmidts, Thomas (Römisch-Germanisches Zentralmuseum) - Dobрева, Diana (Università di Verona) - Schimmer, Florian (Römisch-Germanisches Zentralmuseum)

PAPERS

- 8:30 URBAN ECONOMIC NETWORKS IN A PERIOD OF CHANGE: ISSUES OF ARCHEOLOGICAL REPRESENTATIVENESS**
Furlan, Guido (Aarhus University, Centre for Urban Network Evolutions - UrbNet)
- 8:45 THE ROLE OF THE CHURCH IN LATE ANTIQUE WINE TRADE**
Komar, Paulina (Cardinal Stefan Wyszyński University in Warsaw)

- 9:00** **RAT REMAINS AS A PROXY FOR LATE ANTIQUE AND EARLY MEDIEVAL TRADE**
Orton, David - Everett, Sarah (University of York) - Holmes, Mathilda (Consultant zooarchaeologist; University of Leicester) - García García, Marcos (Universidad de Alicante) - Salvadori, Frank (independent researcher)
- 9:15** **DISCUSSION SLOT**
- 9:30** **ECONOMY AND TRADE IN 5TH CENTURY TRIPOLITANIA**
Schimmer, Florian (Römisch-Germanisches Zentralmuseum Mainz)
- 9:45** **SHIPPING IONIAN WINE TO THE NORTH: THE DISTRIBUTION OF SICILIAN AND CALABRIAN FLAT-BOTTOMED AMPHORAE IN THE ADRIATIC**
Riccatto, Anna (Università degli Studi di Padova) - Dobрева, Diana (Università di Verona)
- 10:00** **NEW AMPHORA DATA FROM THE UPPER ADRIATIC. TORCELLO AND GRADO BETWEEN THE 4TH AND 7TH CENTURIES: TWO ECONOMIC OBSERVATORIES COMPARED**
Cipolato, Andrea (Ca' Foscari University - Venice)
- 10:15** **DISCUSSION SLOT**
- 11:00** **MARKET SPACE IN LATE ANTIQUE AQUILEIA**
Basso, Patrizia (University of Verona)
- 11:15** **TRACING NETWORKS IN THE ADRIATIC DURING LATE ANTIQUITY**
Dobрева, Diana (University of Verona)
- 11:30** **LAMPS AND TRADE NETWORKS IN LATE ANTIQUE NORTH ADRIATIC REGION**
Zago, Sabrina (Università di Verona)
- 11:45** **DISCUSSION SLOT**
- 12:00** **IMPERIAL NETWORKS FOR THE SUPPLY OF AN IMPERIAL RESIDENCE IN LATE ANTIQUE GAUL**
Schmidts, Thomas (Römisch-Germanisches Zentralmuseum)
- 12:15** **TIMES OF CHANGE OR CONTINUITY? CERAMICS AND QUERNSTONES FROM MAYEN AND THEIR TRADE BETWEEN THE 4TH AND THE 6TH CENTURY**
Grunwald, Lutz - Wenzel, Stefan (Römisch-Germanisches Zentralmuseum)
- 12:30** **TOGETHER OR APART - WHAT GLASS BEADS FROM MEROVINGIAN GRAVES REVEAL ABOUT THEIR TRADE AND USE IN WESTERN EUROPE**
Van Ham-Meert, Alicia (Earth and Environmental Sciences, KU Leuven) - Langbroek, Mette (Faculty of Archaeology, Leiden University)

12:45 **DISCUSSION SLOT****372** **ADVANCES IN GEOMETRIC MORPHOMETRIC METHODS APPLIED TO LITHIC STUDIES****Room:** Building R, room E356**Time:** 16:30 - 18:30**Theme:** 6. A Decade after the 'Third Science Revolution in Archaeology'**Format:** Regular session

Organisers: Araujo, Renata (Museum of Archaeology and Ethnology, University of São Paulo) - Matzig, David (School of Culture and Society, Department of Archaeology and Heritage Studies, Aarhus University) - Okumura, Mercedes (Department of Genetics and Evolutionary Biology, Biosciences Institute, University of São Paulo) - Araujo, Astolfo (Museum of Archaeology and Ethnology, University of São Paulo) - Riede, Felix (School of Culture and Society, Department of Archaeology and Heritage Studies, Aarhus University)

**PAPERS****16:30** **INTRODUCTION****16:45** **3D GEOMETRIC MORPHOMETRICS AND LITHIC ANALYSIS OF RECURRENT CENTRIPETAL KNAPPING METHODS: TWO CASE STUDIES**

Bustos-Pérez, Guillermo - Romagnoli, Francesca (Universidad Autónoma de Madrid)

17:00 **STATISTICAL CULTURAL TRANSMISSION MODELS PROVIDE INSIGHTS INTO THE SOCIAL CONTEXTS OF TECHNOLOGICAL CHANGE DURING THE LATE PLEISTOCENE IN KOREA**

Park, Gayoung - Marwick, Ben (University of Washington)

17:15 **DISCUSSION SLOT****17:30** **UNRAVELLING SHAPE VARIABILITY OF STONE TOOLS IN SOUTHEASTERN BRAZIL FOR REASSESSING ARCHAEOLOGICAL TRADITIONS**

Araujo, Renata (Museum of Archaeology and Ethnology, University of Sao Paulo - MAE-USP) - Okumura, Maria Mercedes (Laboratory for Human Evolutionary Studies, Department of Genetics and Evolutionary Biology, Biosciences Institute, University of São Paulo) - Araujo, Astolfo (Laboratory for Interdisciplinary Research in Culture, Evolution and Environment, Museum of Archaeology and Ethnology, University of São Paulo)

17:45 MESOLITHIC HARPOONS IN ACTION. GEOMETRIC MORPHOMETRICS AND CONTINUUM MECHANICAL SIMULATION AS TOOLS TO IDENTIFY FUNCTIONAL ROLES

Lundström, Fredrik (Stockholm University) - MacLeod, Norman (Nanjing University) - Isaksson, Sven - Glykou, Aikaterini (Stockholm University)

18:00 2D GEOMETRIC MORPHOMETRIC APPROACH TO KNAPPER SKILLS AMONG NEOLITHIC AXES

Bustos-Pérez, Guillermo - Castañeda, Nuria (Universidad Autónoma de Madrid)

18:15 DISCUSSION SLOT

373 DISCUSSING THE FUTURE OF BIG DATA FOR THE STUDY OF THE HUMAN PAST

Room: Main building, room 27

Time: 8:30 - 12:30

Theme: 6. A Decade after the 'Third Science Revolution in Archaeology'

Format: Regular session

Organisers: Coccozza, Carlo (Ludwig-Maximilians-Universität München, Fakultät für Kulturwissenschaften; Max Planck Institute for the Science of Human History, Department of Archaeology) - Fernandes, Ricardo (Max Planck Institute for the Science of Human History, Department of Archaeology; University of Oxford, School of Archaeology; Masaryk University, Arne Faculty of Arts) - Lubritto, Carmine (Università degli studi della Campania Luigi Vanvitelli, Dipartimento di Scienze e Tecnologie Ambientali, Biologiche e Farmaceutiche) - Rosenstock, Eva (Universität Bonn, Bonn Center for ArcheoSciences)

PAPERS

8:30 INTRODUCTION

8:45 MAPPING MONGOLIA: TRANSMETHODOLOGICAL DATA INTEGRATION AND NATIONAL CULTURAL PATRIMONY

Fisher, Michael - Jamsranjav, Bayarsaikhan - Jambajanstan, Delgermaa - Jurkenas, Dovydas (Max Planck Institute for the Science of Human History)

9:00 OPENATLAS - A DATABASE SYSTEM FOR ARCHEOLOGICAL DATA AND BEYOND

Richards, Nina (Austrian Academy of Sciences) - Watzinger, Alexander (Austrian Centre for Digital Humanities and Cultural Heritage)

9:15 "BIG DATA" FOR STABLE ISOTOPE RESEARCH IN THE CARIBBEAN AND MESOAMERICAN ARCHAEOLOGY

Ebert, Claire (University of Pittsburgh) - Hixon, Sean (Max Planck Institute of the Science of Human History) - Buckley, Gina (University of Missouri Research Reactor) - George, Richard (University of California, Santa Barbara) - Pacheco-Forés, Sofía (Hamline University) - Palomo, Juan Manuel (University of Arizona) - Solís-Torres, Óscar (Instituto Nacional de Antropología e Historia - INAH) - Kennett, Douglas (University of California, Santa Barbara)

9:30 EXPLORING SHIFTS IN ROMAN SUBSISTENCE PRACTISES THROUGH A BAYESIAN META-ANALYSIS OF ISOTOPIC DATA

Formichella, Giulia - Soncin, Silvia (Sapienza University of Rome, Department of Environmental Biology, and Mediterranean bioArchaeological Research Advances - MAREa - centre) - Coccozza, Carlo (Ludwig-Maximilians-Universität München, Institut für Vor- und Frühgeschichtliche Archäologie und Provinzialrömische Archäologie, and ArchaeoBioCenter; Max Planck Institute for the Science of Human History, Department of Archaeology, Jena; Università degli studi della Campania "Luigi Vanvitelli", DiSTABiF, and Mediterranean bioArchaeological Research Advances - MAREa - centre) - Tafuri, Mary Anne (Sapienza University of Rome, Department of Environmental Biology, and Mediterranean bioArchaeological Research Advances - MAREa - centre) - Lubritto, Carmine (Università degli studi della Campania "Luigi Vanvitelli", DiSTABiF, and Mediterranean bioArchaeological Research Advances - MAREa - centre) - Craig, Oliver (University of York, Department of Archaeology, and BioArCh) - Fernandes, Ricardo (Max Planck Institute for the Science of Human History, Department of Archaeology, Jena; University of Oxford, School of Archaeology; Masaryk University, Arne Faculty of Arts)

9:45 A NETWORK OF ISOTOPIC DATASETS FOR MEDIEVAL EUROPE: THE COMPENDIUM ISOTOPORUM MEDII Aevi (CIMA)

Coccozza, Carlo (Institut für Vor- und Frühgeschichtliche Archäologie und Provinzialrömische Archäologie, Ludwig-Maximilians-Universität München; Department of Archaeology, Max Planck Institute for the Science of Human History) - Fernandes, Ricardo (Department of Archaeology, Max Planck Institute for the Science of Human History; School of Archaeology, University of Oxford; Arne Faculty of Arts, Masaryk University)

- 10:00** **ISOIBERMED: USING BAYESIAN META-ANALYSIS TO EXPLORE A NEW ISOTOPE DATABASE FOR MEDIEVAL IBERIA**
Alexander, Michelle (BioArCh, Department of Archaeology, University of York) - García-Collado, Maite (BioArCh, Department of Archaeology, University of York; GIPYPAC, Department of Geography, Prehistory and Archaeology, University of the Basque Country - UPV/EHU) - Coccozza, Carlo (Institut für Vor- und Frühgeschichtliche Archäologie und Provinzialrömische Archäologie, Ludwig-Maximilians-Universität München; Department of Archaeology, Max Planck Institute for the Science of Human History, Jena) - Teegen, Wolf-Rüdiger (Institut für Vor- und Frühgeschichtliche Archäologie und Provinzialrömische Archäologie, Ludwig-Maximilians-Universität München) - Fernandes, Ricardo (Department of Archaeology, Max Planck Institute for the Science of Human History, Jena; School of Archaeology, University of Oxford; Arne Faculty of Arts, Masaryk University)
- 10:15** **DISCUSSION SLOT**
- 11:00** **ISOMEDITA, AN ISOTOPIC DATABASE FOR MEDIEVAL ITALY AND BAYESIAN META-ANALYSIS**
Mantile, Noemi (Dipartimento di Scienze e Tecnologie Ambientali Biologiche e Farmaceutiche - DiSTABIF, Università degli studi della Campania "Luigi Vanvitelli") - Coccozza, Carlo (Institut für Vor- und Frühgeschichtliche Archäologie und Provinzialrömische Archäologie, Ludwig-Maximilians-Universität München; Department of Archaeology, Max Planck Institute for the Science of Human History, Jena) - Lubritto, Carmine (Dipartimento di Scienze e Tecnologie Ambientali Biologiche e Farmaceutiche - DiSTABIF, Università degli studi della Campania "Luigi Vanvitelli") - Fernandes, Ricardo (Department of Archaeology, Max Planck Institute for the Science of Human History, Jena; School of Archaeology, University of Oxford; Arne Faculty of Arts, Masaryk University)
- 11:15** **CREATING DATA NETWORKS USING THE PANDORA PLATFORM**
Fernandes, Ricardo (Max Planck Institute for the Science of Human History; University of Oxford; Masaryk University)
- 11:30** **DISCUSSION SLOT**

380 CAN YOU FUTURE PROOF SKILL DEVELOPMENT WORK IN ARCHAEOLOGY?

- Room:** Building R, room E151
Time: 14:00 - 16:00
Theme: 1. Archaeologists and Archaeology Here and Now
Format: Round table
Organisers: Jones, Cara (Chartered Institute for Archaeologists) - Karl, Raimund (University of Vienna) - Geary, Kate (Chartered Institute for Archaeologists)



Great strides have been made with formalising skill development initiatives for archaeologists, and we are now beginning to see the positive impact of taking a more strategic approach to how we develop and upskill members of our profession. This work is often completed in collaboration with non-heritage focused organisations who are integral to supporting (and at times delivering) these initiatives. These collaborations can also help give focus to future priorities with skill development work and help release much needed funding to support the development work to take place.

One challenge that has been identified is the need to make sure that work is future proof or at least, impervious to outside shocks or changes in priorities or wider strategic directions.

This is roundtable discussion proposes to discuss

1. How can we future proof skills development work?
2. What mechanisms can put in place to mitigate against outside influences which can impact on your skill development work?
3. How can we anticipate what skills archaeologists will need in the future to ensure we are ready to meet outside challenges or demands for our expertise?

This session is delivered by the EAA community for teaching and training in archaeology.

381 WATERSCAPES: TRACES OF INTERACTION BETWEEN PEOPLE AND WATER FROM NEOLITHIC TO BRONZE AGE EUROPE

- Room:** Building R, room E356
Time: 8:30 - 15:30
Theme: 5. Climate Change and Socioenvironmental Perspectives
Format: Regular session
Organisers: Sampaio, Hugo Aluai - Bettencourt, Ana (University of Minho) - Diaz-Guardamino, Marta (Durham University)

PAPERS

- 8:30 INTRODUCTION**
- 8:45 EVIDENCE FOR CULTURAL AND ECONOMIC IMPORTANCE OF WATERSCAPES: NEOLITHIC PATTERNS FROM THE NORTHERN GERMAN LOWLANDS**
Brozio, Jan Piet - Feeser, Ingo (Institute of Pre- and Protohistoric Archaeology CAU Kiel)
- 9:00 AT THE THRESHOLD TO THE MOUNTAINS: SOCIAL MEANING AND RELEVANCE OF MONUMENTS ALONG COASTAL WATERWAYS IN NEOLITHIC SOUTHEAST NORWAY**
Schülke, Almut (Museum of Cultural History University of Oslo)
- 9:15 AT THE EDGE OF THE WATERSCAPE: INTERACTION AT THE BOUNDARIES BETWEEN DRAINAGE BASINS IN EARLY PREHISTORIC BRITAIN AND IRELAND**
Goldberg, Martin (National Museums Scotland)
- 9:30 OCEAN AHOY! SPATIAL ANALYSIS, SETTLEMENT PATTERNS AND THE LATE PREHISTORY OF THE ATLANTIC COAST OF LISBON PENINSULA**
Texugo, André - Rendeiro, Luís (UNIARQ - Centro Arqueologia da Universidade de Lisboa; CEG - Centro de Estudos Geográficos da Universidade de Lisboa) - Sousa, Ana (UNIARQ - Centro Arqueologia da Universidade de Lisboa) - Ramos-Pereira, Ana (CEG - Centro de Estudos Geográficos da Universidade de Lisboa)
- 9:45 EBB & FLOW: EXPLORING RIVERS IN LATER PREHISTORIC BRITAIN**
Nimura, Courtney - Schulting, Rick (University of Oxford) - Sturt, Fraser (University of Southampton) - Snoeck, Christophe (Vrije Universiteit Brussel) - Green, Chris - Cooper, Anwen (University of Oxford)
- 10:00 DISCUSSION SLOT**
- 11:00 THE EXPLOITATION OF MARINE RESOURCES BY COMMUNITIES FROM THE NORTHEAST OF THE IBERIAN PENINSULA IN THE EARLY BRONZE AGE.**
Gluitz, Alicia - Estebanz-Sánchez, Ferran (Autonomous University of Barcelona) - Martínez, Laura (University of Barcelona) - Molist, Miquel (Autonomous University of Barcelona)
- 11:15 LAKE, WETLAND AND ISLAND: REVEALING THE HUMAN OCCUPATION OVER THE PALAEO LAKE IN BRUSZCZEWO IN CENTRAL GREATERN POLAND THROUGH GEOARCHAEOLOGICAL RESEARCH**
Niebieszczanski, Jakub - Bahyrycz, Cezary - Żurkiewicz, Danuta - Szambelan, Witold (Adam Mickiewicz University in Poznań)

- 11:30 FLOWING EVERYDAY ROUTINES: INTERRELATING BRONZE AGE HUMAN GROUPS AND WATER COURSES BETWEEN THE RIVERS AVE AND CÁVADO (NORTHWEST OF PORTUGAL)**
Sampaio, Hugo Aluai (Landscape, Heritage and Territory Laboratory - Lab2pt; University of Minho - UM; Centre of Research, Development and Innovation in Tourism - CiTur; Polytechnic Institute of Cávado an Ave - IPCA)
- 11:45 BRONZE AGE CERAMICS FROM ALTO DAS MALHADAS AS AN INDICATOR OF INFLUENCES THAT GO BEYOND REGIONAL AND NATIONAL BOUNDARIES**
Botica, Natalia (Lab2PT; Unidade de Arqueologia da Universidade do Minho) - Luís, Luís (Fundação Côa Parque) - Larrazabal, Javier - Rocha, Bruna (Lab2PT; Fundação para a Ciência e Tecnologia) - Sousa, Rui (Lab2PT; Instituto de Ciências Sociais da Universidade do Minho) - Magalhães, Fernanda (Instituto de Ciências Sociais da Universidade do Minho)
- 12:00 NEW APPROACHES TO UNDERSTANDING LATE BRONZE AGE SWORD DEPOSITION IN THE TRANSDANUBIAN RIVER SECTION OF THE DANUBE**
Tarbay, János Gábor (Hungarian National Museum, Department of Archaeology) - Soós, Bence (Hungarian National Museum, Department of Archaeology; ELTE University, Institute of Archaeological Sciences)
- 12:15 LATE BRONZE AGE METAL DEPOSITIONS IN THE NORTHWEST IBERIAN PENINSULA IN RIVERSCAPES CONTEXTS: AN ONTOLOGICAL APPROACH**
Bettencourt, Ana (University of Minho; Lab2PT - Landscapes, Heritage and Territory Laboratory)
- 12:30 DISCUSSION SLOT**
- 14:00 RE-EVALUATING RIVERINE AND MARITIME TRADE IN MIDDLE-LATE BRONZE AGE BRITAIN AND BEYOND**
Roberts, Benjamin (Durham University) - Casaly, Allison (New York University)
- 14:15 LIVING IN A FLOODPLAIN: LATE BRONZE AGE SERBIAN BANAT COMMUNITIES' ADAPTATION STRATEGIES**
Estanqueiro, Marta (University College Dublin; CEAACP-Universidade de Coimbra)
- 14:30 DISCUSSION SLOT**

POSTERS

- A. OCEAN AND ETERNITY. A BRONZE AGE MEGALITHIC TOMB IN CAPE TRAFALGAR (CÁDIZ, SPAIN)**
Cantillo Duarte, Juan Jesus - Vijande Vila, Eduardo - Becerra Martin, Serafín (Universidad de Cádiz) - Moreno Marquez, Adolfo (Universidad de Almería) - Corona Borrego, José María - Gómez Sánchez, Leticia - Fernández Sánchez, Diego - Carmona Gil, María - Pavón González, Laura - Ramos Muñoz, José (Universidad de Cádiz)
- B. YOU SHOULD EAT IT WHILE IT'S FRESH – EXPLOITATION OF RIVERS IN NORTHEASTERN EUROPEAN LOWLANDS**
Nessel, Bianka (Institute for Pre- and Protohistory, Mainz University)

382 TECHNOLOGY, RISK, AND CHANGE

Room: Main building, room 27
Time: 14:00 - 18:30
Theme: 5. Climate Change and Socioenvironmental Perspectives
Format: Regular session
Organisers: Taylor, Timothy (Comenius University in Bratislava; Journal of World Prehistory) - Zubrow, Ezra (Applied Social Systems Laboratory & Anthropology University at Buffalo; McDonald Institute University of Cambridge; SUNY Distinguished Service)

PAPERS

- 14:00 INTRODUCTION**
- 14:15 RISKS BEYOND THE DITCH**
Diachenko, Aleksandr (Institute of Archaeology, National Academy of Sciences of Ukraine) - Sobkowiak-Tabaka, Iwona (Faculty of Archaeology, Adam Mickiewicz University in Poznan) - Gerasimenko, Natalia (Taras Shevchenko National University of Kyiv) - Kufel-Diakowska, Bernadeta (Institute of Archaeology, Wrocław University) - Kurzawska, Aldona (Institute of Archaeology and Ethnology, Polish Academy of Sciences) - Moskal del-Hoyo, Magdalena (W. Szafer Institute of Botany, Polish Academy of Sciences) - Ridush, Bogdan (Yuriy Fedkovych Chernivtsi National University) - Boltaniuk, Petro (Kamianets-Podilskyi State Historical Museum) - Levinzon, Yevhenii (National University of Kyiv-Mohyla Academy)

- 14:30 RECONSIDERING NEOLITHIC DITCHED ENCLOSURES AND RISK MITIGATION ON THE GREAT HUNGARIAN PLAIN**
Salisbury, Roderick (Austrian Archaeological Institute, Austrian Academy of Sciences) - Bácsmegi, Gábor (Munkácsy Mihály Museum, Békéscsaba)
- 14:45 HONOR THE PAST AND WELCOME THE FUTURE: ONLY A PERSON WHO RISKS IS FREE**
Zubrow, Ezra (University at Buffalo; University of Cambridge)
- 15:00 THE PARAMETERS OF RISK IN UNFOLDING TECHNO-CULTURES**
Taylor, Timothy (Comenius University in Bratislava; Journal of World Prehistory)
- 15:15 MONUMENTS, MAGIC, AND RISK**
Taylor, Timothy (Comenius University in Bratislava; Journal of World Prehistory)
- 15:30 THE END OF PAX ROMANA: HOW ROMAN EMPERORS FACED RISKS AND CHANGES ON COINS**
Glomb, Tomas (Masaryk University)
- 15:45 DISCUSSION SLOT**
- 16:30 BRONZE AGE HOARDS AS A FORM OF RISK MANAGEMENT**
Lane, Dominik (University of Vienna)
- 16:45 NO COUNTRY FOR OLD MEN**
Baca, Martin (Department of Archaeology, Comenius University in Bratislava)
- 17:00 COMPLEXITY, MAGIC AND RISK: HOW THE DEFINING CHARACTERISTIC OF INCREASING CIVILIZATIONAL COMPLEXITY BLINDS US TO ITS INHERENT RISKS**
Scannell, Patrick (Independent researcher)
- 17:15 RISK AND REWARD IN ATHENIAN MARITIME TRADE (4TH CENTURY BCE)**
Cohen, Edward (-)
- 17:30 DISCUSSION SLOT**

389 MOVING INTO THE MEDITERRANEAN – NEW DEVELOPMENTS IN THE RESEARCH ON GENETICS, MOBILITY, CULTURE CHANGE AND LANGUAGES

Room: Building A, room 330

Time: 8:30 - 13:00

Theme: 6. A Decade after the 'Third Science Revolution in Archaeology'

Format: Regular session

Organisers: Mittnik, Alissa (Department of Human Evolutionary Biology, Harvard University; Department of Archaeogenetics, Max Planck Institute for Evolutionary Anthropology, Leipzig) - Kroonen, Guus (Leiden University Centre for Linguistics) - Saupe, Tina (Estonian Biocentre, Institute of Genomics, University of Tartu) - Cavazzuti, Claudio (Alma Mater Studiorum, Università degli Studi di Bologna, Dipartimento di Scienze Umanistiche) - Molloy, Barry (UCD School of Archaeology, University College Dublin)

PAPERS

8:30 THE TRANSFORMATION OF THE GENOMIC LANDSCAPE IN COPPER AND BRONZE AGE CAMPANIA

Mittnik, Alissa (Department of Archaeogenetics, Max Planck Institute for Evolutionary Anthropology, Leipzig; Department of Human Evolutionary Biology, Harvard University, Cambridge) - Cavazzuti, Claudio (Università degli Studi di Bologna, Dipartimento di Storia Culture Civiltà) - Coppa, Alfredo (Department of Environmental Biology, Sapienza University of Rome; Department of Genetics, Harvard Medical School, Boston; Department of Evolutionary Anthropology, University of Vienna) - Petrone, Pier Paolo (Dipartimento di Scienze Biomediche Avanzate, Università di Napoli Federico II) - Bondioli, Luca (Bioarchaeology Service, Museum of Civilization, Rome; Department of Cultural Heritage, University of Padua) - Catalano, Giulio (Dipartimento di Scienze e Tecnologie Biologiche Chimiche e Farmaceutiche, Università di Palermo) - Sperduti, Alessandra (Bioarchaeology Service, Museum of Civilization, Rome; Dept. Asia, Africa e Mediterraneo, University of Naples "L'Orientale") - Caramelli, David (Department of Biology, University of Florence) - Pinhasi, Ron (Department of Evolutionary Anthropology, Human Evolution and Archaeological Sciences - HEAS, University of Vienna) - Reich, David (Department of Human Evolutionary Biology, Harvard University, Cambridge; Howard Hughes Medical Institute, Harvard Medical School, Boston; Broad Institute of Harvard and MIT, Cambridge)

8:45 MOBILITY OF PEOPLE, THINGS, IDEAS BETWEEN THE AEGEAN AND THE ITALIAN PENINSULA AT THE TIME OF CREMATION (LATE BRONZE AGE)

Cavazzuti, Claudio (Alma Mater Studiorum, Università degli Studi di Bologna; University of Durham) - Arena, Alberta - De Benedetto, Giuseppe (Università del Salento) - Pamela, Fragnoli - Jung, Reinhard (Austrian Archaeological Institute, Austrian Academy of Sciences) - Scarano, Teodoro (Università del Salento)

9:00 THE GENETIC ORIGIN OF DAUNIANS AND THE PAN-MEDITERRANEAN SOUTHERN ITALIAN IRON AGE CONTEXT

Saupe, Tina (Estonian Biocentre, Institute of Genomics, University of Tartu) - Aneli, Serena (Department of Biology, University of Padua) - Montinaro, Francesco (Estonian Biocentre, Institute of Genomics, University of Tartu; Department of Biology-Genetics, University of Bari) - Scaggion, Cinzia (Department of Geosciences, University of Padua) - Carrara, Nicola (Anthropology Museum, University of Padova) - Kivisild, Toomas (Estonian Biocentre, Institute of Genomics, University of Tartu; Department of Human Genetics, KU Leuven) - Metspalu, Mait (Estonian Biocentre, Institute of Genomics, University of Tartu) - Scheib, Christiana (Estonian Biocentre, Institute of Genomics, University of Tartu; St John's College) - Pagani, Luca (Estonian Biocentre, Institute of Genomics, University of Tartu; Department of Biology, University of Padua)

9:15 DISCUSSION SLOT

9:30 INSIGHTS INTO THE GENETIC LANDSCAPE AND MOBILITY PATTERNS OF THE BRONZE AGE - IRON AGE TRANSITION IN SOUTHEAST EUROPE

Iraeta Orbegozo, Miren (Globe Institute, University of Copenhagen; UCD School of Archaeology, University College Dublin) - Fibiger, Linda (School of History, Classics & Archaeology, University of Edinburgh) - Mylopotamitaki, Dorothea (Globe Institute, University of Copenhagen) - Makarewicz, Cheryl (Institute of Prehistoric and Protohistoric Archaeology, University of Kiel) - Laffoon, Jason (Department of Archaeological Science, Leiden University) - Molloy, Barry (UCD School of Archaeology, University College Dublin) - Schroeder, Hannes (Globe Institute, University of Copenhagen)

9:45 MALARIA AS A SELECTIVE FORCE IN THE PREHISTORY OF THE MEDITERRANEAN BASIN

Gonzalez Fortes, Gloria (Università di Ferrara) - Mira, Stefania - Perretti, Silvia - Antonica, Bianca (Università degli studi di Ferrara) - Trucchi, Emiliano (Università di Ancona) - Barbujani, Guido (Università degli studi di Ferrara)

- 10:00 THE SPICE THAT CAME IN FROM THE EAST: SAFFRON AND THE CHRONOLOGY OF LINEAR B TABLETS FROM KNOSSOS**
Pierini, Rachele (University of Copenhagen)
- 10:15 DISCUSSION SLOT**
- 11:00 ISOTOPIC MOBILITY RESEARCH: LET US PAUSE AND REFLECT.**
Nafplioti, Argyro (Ancient DNA Lab, Institute of Molecular Biology & Biotechnology - IMBB, Foundation for Research and Technology - Hellas - FORTH)
- 11:15 EATING AND MOVING IN ANCIENT VERONA FROM LATE PREHISTORY TO MIDDLE AGES**
Varalli, Alessandra (CaSEs Research Group, Department of Humanities, Universitat Pompeu Fabra, Barcelona) - Dori, Irene (Soprintendenza Archeologia, Belle Arti e Paesaggio per le province di Verona, Rovigo e Vicenza) - Mongillo, Jessica - Vescovo, Giulia (Department of Environmental and Prevention Sciences, University of Ferrara) - Lo Iacono, Ambra - Basso, Patrizia (Department of Cultures and Civilisations, University of Verona)
- 11:30 UNDERSTANDING THE PROCESS OF SKIN LIGHTENING IN EUROPEANS: A MIX OF SELECTION AND MIGRATION FACTORS**
Gonzalez Fortes, Gloria (Università di Ferrara) - Perretti, Silvia - Barbutani, Guido (Università degli studi di Ferrara)
- 11:45 DISCUSSION SLOT**
- 12:00 HOW CAN ADNA BE YOUR FRIEND: PREDICTIVE CASE STUDIES FROM THE PREHISTORIC AEGEAN**
Ozturk, Huseyin (College Year in Athens; American School of Classical Studies at Athens)
- 12:15 DISCUSSION SLOT**

POSTERS

- A. A GENETIC HISTORY OF MOBILITY IN THE IRON AGE CENTRAL MEDITERRANEAN**
Moots, Hannah (University of Chicago) - Antonio, Margaret (Stanford University) - Sawyer, Susanna (University of Vienna) - Lucci, Michaela (Sapienza University) - Cherifi, Mehdi (Benyoucef Benkhedda University) - Gao, Ziyue (University of Pennsylvania) - Fantar, Mounir (Institut National du Patrimoine Tunisie) - Coppa, Alfredo (Sapienza University) - Pritchard, Jonathan (Stanford University) - Pinhasi, Ron (University of Vienna)

390 ALL ON WALLS. CURRENT ISSUES ON HISTORICAL WALL PAINTING SCIENCE, CONSERVATION, AND RESTORATION

- Room:** Main building, room 39
Time: 14:00 - 18:30
Theme: 4. Polis, Empire, League and Beyond – Living in Interconnected Societies
Format: Regular session
Organisers: Baragona, Anthony (Freelance Conservation Scientist; University of Applied Arts Vienna) - Rodler, Alexandra (Austrian Archaeological Institute, Austrian Academy of Sciences; Department of Lithospheric Research, University of Vienna) - Tehrani, Rebecca (Dresden University of Fine Arts)

PAPERS

- 14:00 INTRODUCTION**
- 14:15 FRAUD ON ROMAN PAINTED WALLS?**
Becker, Hilary (Binghamton University, SUNY)
- 14:30 DISCUSSION SLOT**
- 14:45 TWO PHASES OF SECOND STYLE ADORNING THE DOMUS DEI BUCRANI (OSTIA ANTICA): THE TECHNICAL STUDY**
Souris, Magali (University of Liège; Fonds de la Recherche Scientifique - FNRS) - Morard, Thomas - Defeyt, Catherine (University of Liège) - Frère, Géraldine (University of Namur) - Girard, Thibault - Herens, Élodie - Motta, Lucie - Strivay, David (University of Liège)
- 15:00 INVESTIGATION OF THE EXTENT OF THE ROMAN WALL PAINTINGS IN THE AMBIENTE N. 40 OF VILLA ARIANNA (STABIAE)**
Leitner, Simon Elio (Dresden University of Fine Arts)
- 15:15 BENEATH THE PICTURES, BEYOND THE BRICKS. USING WALL-PAINTING PLASTER AND MORTAR STRATIGRAPHY IN ARCHAEOLOGICAL INTERPRETATION**
Baragona, Anthony (University of Applied Arts, Vienna)
- 15:30 DISCUSSION SLOT**
- 16:30 BLUE WALLS: ON THE PROVENANCE OF EGYPTIAN BLUE PIGMENTS FROM ROMAN NORICUM**
Rodler, Alexandra (Research Group Object Itineraries, Department Historical Archaeology, Austrian Archaeological Institute, Austrian Academy of Sciences; Department of Lithospheric Research, University of Vienna) - Artioli, Gilberto (Department of Geosciences,

University of Padua) - Jansen, Moritz (Deutsches Bergbau-Museum Bochum) - Klein, Sabine (Deutsches Bergbau-Museum Bochum; Ruhr-Universität Bochum, Institut für Archäologische Wissenschaften) - Koeberl, Christian (Department of Lithospheric Research, University of Vienna) - Tepe, Nathalie - Hofmann, Thilo (Centre for Microbiology and Environmental Systems Science, Department for Environmental Geosciences, University of Vienna) - Fragnoli, Pamela (Research Group Object Itineraries, Department Historical Archaeology, Austrian Archaeological Institute, Austrian Academy of Sciences) - Dolenz, Heimo (Provincial Roman Archaeology & Field Research, Landesmuseum Kärnten) - Krajšek, Jure (Regional Museum of Celje)

16:45 SEEING RED WITHOUT FEELING BLUE: THE WALL PAINTING TECHNOLOGY OF ROMAN NORICUM

Baragona, Anthony (University of Applied Arts, Vienna) - Rodler, Alexandra (Austrian Academy of Sciences, Austrian Archaeological Institute; Department of Lithospheric Research, University of Vienna)

17:00 FROM STORAGE TO EXHIBITION: CONSERVATION RESEARCH GIVES CENTRE STAGE TO 500 WALL PAINTING FRAGMENTS FROM A PROVINCIAL ROMAN STAGE THEATRE

Tehrani, Rebecca - Emprechtinger, Mara - Santner, Markus (Dresden University of Fine Arts)

17:15 THE HOUSE OF MEDUSA - EXCAVATION, INVESTIGATION, CONSERVATION AND PRESENTATION OF WALL PAINTING FRAGMENTS OF A LATE ROMAN VILLA

Linke, Robert (Federal Monuments Authority) - Santner, Markus (Hochschule für bildende Künste Dresden) - Pintér, Farkas (Universität für Angewandte Kunst)

17:30 DISCUSSION SLOT

POSTERS

A. REDISCOVERING ROMAN ART TECHNIQUES: THE STUDY OF A PROVINCIAL ROMAN WALL PAINTING FRAGMENT FROM THE ANCIENT CITY OF VIRUNUM, AUSTRIA

Stöcker, Eike (Dresden University of Fine Arts)

B. STUDY OF A SAMPLE OF EGYPTIAN BLUE FROM THE TOMB OF NEFERTARI (13TH CENTURY BC)

Martín, Antonio - Martín, Alejandro (Universidad Internacional de La Rioja) - Ferré, Ivana (Universidad Nacional de Educación a Distancia)

C. EGYPTIAN BLUE FROM THE PALACE OF APRIES: ON THE PROVENANCE OF THE COPPER COMPONENT

Rodler, Alexandra (Research Group Object Itineraries, Department Historical Archaeology, Austrian Archaeological Institute, Austrian Academy of Sciences; Department of Lithospheric Research, University of Vienna) - Brøns, Cecilie (Ny Carlsberg Glyptotek) - Tepe, Nathalie - Hofmann, Thilo (Centre for Microbiology and Environmental Systems Science, Department for Environmental Geosciences, University of Vienna) - Koeberl, Christian (Department of Lithospheric Research, University of Vienna) - Frei, Robert (Department of Geosciences and Natural Resource Management, University of Copenhagen) - Artioli, Gilberto (Department of Geosciences, University of Padua)

D. MULTI-ANALYTICAL CHARACTERIZATION OF WALL-PAINTINGS FROM THE LATE ANTIQUE VILLA OF NEGRAR (VERONA, ITALY)

Stella Mosimann, Federica - Dilaria, Simone (University of Padova, Department of Cultural Heritage)

399 LINKING DATABASES FOR COMPARING RESEARCH: DO WE NEED A EUROPEAN HILLFORT INFORMATION SYSTEM?

Room: Building R, room E151

Time: 16:30 - 18:30

Theme: 1. Archaeologists and Archaeology Here and Now

Format: Round table

Organisers: Loy, Anna (ROOTS Kiel) - Whitefield, Hans (ZBSA Schleswig) - Bernard, Loup (Université de Strasbourg) - Ibsen, Timo (ZBSA Schleswig)

Session related to the EAA Community on Fortification Research (COMFORT).

The proliferation of web-based geographic interfaces for the investigation of archaeological phenomena naturally leads to the conclusion that super-regional perspectives can now be assembled for numerous archaeological phenomena. Hillforts or fortification are one of the clearest examples of this trend with numerous regional and national scale compilations being made available. The focus of these databases varies from heritage management catalogues, to curated academic and scientific collections and touristic information. We seek to discuss the possibilities for a pan-European database, in terms of both theory and practicality; as well as how such a system might be used to shape future research.

Since the monuments themselves are multifaceted is it possible to apply GIS as a reductive technique to these monuments on such a super-regional or European scale or does it unduly suppress unique analysis and interpretation? Is the shared terminology of "hillfort" appropriate for such a wide area or does it actively obscure a broader spectrum of phenomena in prehistory?

In practical terms for a data base, we ask: Can we provide standardized knowledge and data on hillforts, which would help scientists filter the tremendous amount of information scattered in thousands of articles, publications, excavation reports, and archives according to their specific questions? Does it make sense to combine and link smaller platforms into a monothematic platform to raise awareness, promote hillfort research, and offer easy access to the related data?

It is also necessary to consider how this dataset could grow and develop overtime. Would developing guidelines for documenting hillfort excavations or surveys enable us to unify research questions and make hillfort research comparable? How should we go about incorporating the growing body of both archival and grey literature at our disposal?

The round table aims to connect specialist and interested scholars who use and moderate hillfort specific databases.

406 ANCIENT AND TRADITIONAL CRAFTS IN CHANGING ENVIRONMENTS: ADDRESSING THE NEEDS FOR TEMPORAL PERSPECTIVES

Room: Main building, room 137

Time: 8:30 - 12:30

Theme: 5. Climate Change and Socioenvironmental Perspectives

Format: Session with precirculated papers

Organisers: Radini, Anita (BioArCH and York JEOL Nanocentre, University of York) - Demarchi, Beatrice (University of Turin) - Beach, Alison (St Andrews University)

PAPERS

8:30 INTRODUCTION

8:45 TRADITIONAL CRAFTS AND FUTURE HEALTH: WHY WE NEED THE PAST

Radini, Anita (Centre For Human Palaeoecology)

9:00 CRAFTS AND ARCHAEOLOGY OF NORTH AFRICAN ETHNIC MINORITIES

Leone, Anna (Department of Archaeology Durham University) - Radini, Anita (York University)

9:15 DISCUSSION SLOT

9:30 SMOKING HABITS IN A CHANGING WORLD: REVIEWING THE FIRING PRACTICES OF WEST BALKAN POTTERS

Jackson, Mark - Carlton, Richard - Shillito, Lisa-Marie - Rogers, Abbie (Newcastle University)

9:45 INCORPORATING ARCHAEOLOGY IN THE FORMAL TRAINING OF PHDS IN SUSTAINABILITY: THE CASE OF SUSTNET, TURIN (ITALY)

Demarchi, Beatrice (Universita` di Torino) - Giacomina, Cristina (University of Turin)

10:00 PRESERVING CRAFTSMANSHIP IN MODERN IRAQ: A HISTORY OF BOAT CONSTRUCTION IN MESOPOTAMIA DURING THE UR III PERIOD

Girardi, Virginia (University of Oxford)

10:15 DISCUSSION SLOT

11:00 PEOPLE, PLANTS, AND CRAFTS: WEAVING AND TWISTING PLANT-BASED MATERIALS IN THE WESTERN MEDITERRANEAN DURING IRON AGE

Martin Seijo, Maria (Universidad de Cantabria) - Azorín, Marian (Institut Català de Paleocologia Humana i Evolució Social-IPHES)

11:15 WORKING WOMEN: A NEW INTERDISCIPLINARY APPROACH TO CRAFT AND ARTISTIC PRODUCTION IN PRE-MODERN FEMALE RELIGIOUS COMMUNITIES

Beach, Alison (University of St Andrews)

11:30 FROM MICRO-ARCHAEOLOGY TO MICRO-ECONOMY: A CASE STUDY FROM THE ITALIAN PIEDMONT REGION

Sandron, Sarah - Boano, Rosa - Cinti, Alessandra - Spiteri, Cynthianne - Demarchi, Beatrice (University of Turin) - Beach, Alison (University of St Andrews)

11:45 DISCUSSION SLOT

416 CHALLENGING ISLAND ARCHAEOLOGY WITH THE THIRD SCIENCE REVOLUTION

Room: Main building, room 34

Time: 8:30 - 16:00

Theme: 5. Climate Change and Socioenvironmental Perspectives

Format: Regular session

Organisers: Santana-Cabrera, Jonathan (University of Las Palmas de Gran Canaria) - Speciale, Claudia (University of Gothenburg) - Surera-Torres, Pau (Incipit - Instituto de Ciencias del Patrimonio - CSIC)

PAPERS

8:30 CHRONOLOGY, SITE FORMATION PROCESSES, PALEOENVIRONMENTAL CONTEXT AND THE SEASONALITY OF HUMAN OCCUPATIONS AT LAS ESTACAS CAVE, TENERIFE (SPAIN)

Hernández Gómez, Cristo (Departamento de Geografía e Historia. Universidad de La Laguna; Instituto Universitario de Bio-orgánica Antonio González. Universidad de La Laguna) - Jambrina Enríquez, Mar-

garita (Departamento de Biología Animal, Edafología y Geología. Facultad de Ciencias. Universidad de La Laguna; Instituto Universitario de Bio-orgánica Antonio González. Universidad de La Laguna) - Castilla Beltrán, Álvaro (Departamento de Geografía e Historia. Universidad de La Laguna; Instituto Universitario de Bio-orgánica Antonio González. Universidad de La Laguna) - Gutiérrez Zugasti, Igor (Instituto Internacional de investigaciones prehistóricas de Cantabria - Universidad de Cantabria, Gobierno de Cantabria, Banco Santander. Universidad de Cantabria) - de Nascimento, Lea (Departamento de Botánica, Ecología y Fisiología Vegetal. Facultad de Ciencias. Universidad de La Laguna; Grupo de investigación Interuniversitario de Ecología y Biogeografía insular) - Mesa Hernández, Eduardo (Grupo de Investigación) - García Villa, Pedro (Instituto Universitario de Bio-orgánica Antonio González. Universidad de La Laguna; Dipartimento dei Beni Culturali: archeologia, storia dell'arte, del cinema e della musica, Università degli Studi di Padova) - Hernández Tomé, Laura (Departamento de Geografía e Historia. Universidad de La Laguna; Instituto Universitario de Bio-orgánica Antonio González. Universidad de La Laguna) - Mallol Duque, Carolina (Departamento de Geografía e Historia. Universidad de La Laguna; Instituto Universitario de Bio-orgánica Antonio González. Universidad de La Laguna; Interdisciplinary Center for Archaeology and the Evolution of Human Behaviour - ICArEHB, Universidade do Algarve)

- 8:45 CHALLENGING CONCEPTS OF REMOTENESS IN THE OUTER HEBRIDES**
Rennell, Rebecca (UHI Archaeology Institute) - Gal, Emily (University of the Highlands and Islands)
- 9:00 NEW PERSPECTIVES ON THE COLONIZATION OF THE CANARY ISLANDS**
Santana-Cabrera, Jonathan - Morquecho-Izquier, Aarón - Brito-Mayor, Aitor (University of Las Palmas de Gran Canaria)
- 9:15 UNDERSTANDING SMALL ISLANDS DYNAMICS FROM MULTIDISCIPLINARY AND MULTI-PROXY ANALYTICAL APPROACHES. THE CASE OF FORMENTERA (BALEARIC ISLANDS, WESTERN MEDITERRANEAN)**
Sureda, Pau (Instituto de Ciencias del Patrimonio - Incipit-CSIC)
- 9:30 HUMAN-ENVIRONMENTAL INTERACTION ON A SMALL ISLAND: A PRELIMINARY MODEL OF FRESHWATER SUPPLY IN HELLENISTIC AND ROMAN USTICA (ITALY)**
Vinci, Giacomo (Dipartimento di Scienze Storiche e dei Beni Culturali, Università di Siena) - Foresta Martin, Franco (Laboratorio Museo di Scienze della Terra Isola di Ustica; Istituto Nazionale di Geofisica e Vulcanologia, Sezione di Palermo) - Furlani, Stefano (Dipartimento di Matematica e Geoscienze, Università di Trieste) - Dawson, Helen

(Dipartimento di Storia Culture Civiltà, Università di Bologna; Institut für Prähistorische Archäologie, Freie Universität Berlin)

- 9:45 BEYOND FARMING, SHEPHERDING AND RECOLLECTION: ISLANDER SUBSISTENCE STUDIED THROUGH STABLE ISOTOPE ARCHAEOLOGY DURING THE PREHISPANIC PERIOD OF THE CANARY ISLANDS**
Cañadillas, Elías (University of La Laguna) - Santana-Cabrera, Jonathan (Universidad de Las Palmas de Gran Canaria)
- 10:00 DISCUSSION SLOT**
- 11:00 ONE IN A FLEET OF A THOUSAND: ADRIATIC SMALL ISLAND ARCHAEOLOGY AND THE CASE STUDY OF THE ISLAND OF IST**
Domines Peter, Pio (University of Zadar)
- 11:15 LET'S TALK ABOUT DEATH. SOCIAL CHANGES THROUGH THE STUDY OF FUNERARY ARCHITECTURE AT THE MINORCA ISLAND (6TH-2ND CENTURY BCE)**
Carbonell Pastor, Sonia (University of Alicante)
- 11:30 SAME SPACE, DIFFERENT PEOPLE: RADIOCARBON DATES AND THE INDIVIDUALS FROM TWO DIFFERENT NECROPOLEIS FROM POLLENTIA (MALLORCA, BALEARIC ISLANDS)**
Ordóñez, Alejandra (Universidad de Las Palmas de Gran Canaria) - Cau Ontiveros, Miguel Angel (Equip de Recerca Arqueològica i Arqueomètrica de la Universitat de Barcelona - ERAAUB, Institut d'Arqueologia de la Universitat de Barcelona - IAUB, Universitat de Barcelona - UB; ICREA; Chercheur associé, Aix-Marseille Univ, CNRS, Centre Camille Jullian, Aix-en-Provence) - Chávez Álvarez, Esther (Universidad de La Laguna) - Mas Florit, Catalina (Equip de Recerca Arqueològica i Arqueomètrica de la Universitat de Barcelona - ERAAUB, Institut d'Arqueologia de la Universitat de Barcelona - IAUB, Universitat de Barcelona - UB)
- 11:45 IDENTITY AND LONGUE DURÉE: REVISITING THE PREHISTORY OF MENORCA**
Díaz-Zorita Bonilla, Marta (Eberhard Karls Universität Tübingen; SFB1070 "Ressourcenkulturen" Eberhard Karls Universität Tübingen) - Timm, Monice - Marciales, Mauricio (SFB1070 "Ressourcenkulturen" Eberhard Karls Universität Tübingen) - Baten, Jörg (Eberhard Karls Universität Tübingen) - Alarcón García, Eva - Moreno Onorato, Auxilio (University of Granada) - Escudero Carrillo, Javier (University of Granada; Eberhard Karls Universität Tübingen) - Arboledas Martínez, Luis (University of Granada)

- 12:00** **STEROIDS AND BILE ACIDS IN DUNG: BIOMOLECULAR APPROACH TO A RECENT INDIGENOUS FUMIER DEPOSIT IN LA PALMA (CANARY ISLANDS)**
Fernández-Palacios, Enrique (UDI de Prehistoria, Arqueología e Historia Antigua, Departamento de Geografía e Historia, Facultad de Humanidades, Universidad de La Laguna; Archaeological Micromorphology and Biomarkers - AMBI, Research Lab, Instituto Universitario de Bio-Orgánica Antonio González, Universidad de La Laguna) - Jambрина-Enríquez, Margarita (Departamento de Biología Animal, Edafología y Geología, Facultad de Ciencias, Universidad de La Laguna; Archaeological Micromorphology and Biomarkers - AMBI, Research Lab, Instituto Universitario de Bio-Orgánica Antonio González, Universidad de La Laguna) - Égüez, Natalia (UDI de Prehistoria, Arqueología e Historia Antigua, Departamento de Geografía e Historia, Facultad de Humanidades, Universidad de La Laguna; Archaeological Micromorphology and Biomarkers - AMBI, Research Lab, Instituto Universitario de Bio-Orgánica Antonio González, Universidad de La Laguna) - Herrera-Herrera, Antonio (Archaeological Micromorphology and Biomarkers - AMBI, Research Lab, Instituto Universitario de Bio-Orgánica Antonio González, Universidad de La Laguna; Departamento de Química, Facultad de Ciencias, Universidad de La Laguna) - Mallol, Carolina (UDI de Prehistoria, Arqueología e Historia Antigua, Departamento de Geografía e Historia, Facultad de Humanidades, Universidad de La Laguna; Archaeological Micromorphology and Biomarkers - AMBI, Research Lab, Instituto Universitario de Bio-Orgánica Antonio González, Universidad de La Laguna)
- 12:15** **DISCUSSION SLOT**
- 14:00** **LIVING ON THE EDGE: LANDSCAPE, SUBSISTENCE, AND NETWORK DYNAMICS ON USTICA ISLAND (SICILY) DURING THE BRONZE AGE**
Dawson, Helen (Università di Bologna; Freie Universität Berlin) - Mannino, Marcello (Aarhus University) - Spatafora, Francesca ("Polo di Palermo per i Parchi e i Musei Archeologici/Museo Archeologico A. Salinas")
- 14:15** **THE WHO, WHY, AND WHEN. PEOPLING OF THE CANARY ISLANDS AND THE CHALLENGES OF ARCHAEOLOGY**
Cuello del Pozo, Paloma (Texas A&M University)
- 14:30** **THE PEOPLING OF THE CANARY ISLANDS FROM A PALEOGENOMIC PERSPECTIVE**
Serrano, Javier (Universidad de La Laguna) - Ordóñez, Alejandra - Santana, Jonathan (Universidad de Las Palmas de Gran Canaria) - Arnav, Matilde - Fregel, Rosa (Universidad de La Laguna)

- 14:45** **PALEOGENOMIC ASSESSMENT OF THE IMPACT OF THE EUROPEAN COLONIALISM ON INDIGENOUS POPULATIONS: THE CANARY ISLANDS AND A PROXY**
Fregel, Rosa - Díaz-Pérez, Clara (Universidad de La Laguna) - Ordóñez, Alejandra (Universidad de Las Palmas de Gran Canaria) - Serrano, Javier (Universidad de La Laguna)
- 15:00** **CHALLENGING ISLAND ARCHAEOLOGY WITH THE THIRD SCIENCE REVOLUTION: NEW DATA FROM THE TWO LIMESTONE ISLANDS OF MALTA AND LISMORE**
Stoddart, Simon (University of Cambridge) - Ariano, Bruno - Bradley, Daniel (Trinity College Dublin) - Cologne, Anders (University of Cambridge) - Esposito, Carmen (Cardiff University) - Kaljee, Colin (University of Cambridge) - Madgwick, Richard (Cardiff University) - McLaughlin, Rowan (Queen's Belfast) - Nafplioti, Argyro (Independent) - Reimer, Paula (Queen's Belfast)
- 15:15** **FUNERARY RITUALS AND MOBILITY ON A SMALL MEDITERRANEAN ISLAND. THE CASE OF USTICA (SICILY, ITALY) DURING THE NEOLITHIC**
Speciale, Claudia (Gothenburg University) - Arienzo, Ilenia (National Institute of Geophysics and Volcanology, Naples) - Micciché, Roberto (University of Palermo) - Prillo, Vito (University of Padua) - Battaglia, Giuseppina (Cultural Heritage Department, Palermo) - Larosa, Nunzia (UNE - University of New England, Armidale) - de Vita, Sandro (National Institute of Geophysics and Volcanology, Naples) - Rickards, Olga - De Angelis, Flavio (UniRoma 2, Tor Vergata, Rome)
- 15:30** **DISCUSSION SLOT**

POSTERS

- A.** **MITOGENOMIC ANALYSIS OF THE DOMESTIC ABORIGINAL SPECIES OF THE CANARY ISLANDS**
Díaz Pérez, Clara (Universidad de La Laguna) - Ordóñez, Alejandra (Universidad de Las Palmas de Gran Canaria) - Serrano, Javier - Vacas-Fumero, Emilio - Fregel, Rosa (Universidad de La Laguna)

420 EAA COMMUNITY FOR CLIMATE CHANGE AND HERITAGE (CCH) ROUNDTABLE

Room: Building A, room 429
Time: 11:00 - 13:00
Theme: 5. Climate Change and Socioenvironmental Perspectives
Format: Round table
Organisers: Biehl, Peter F (University of California Santa Cruz) - Dalen, Elin (Norwegian Directorate of Cultural Heritage - RA) - Vandrup Martens, Vibeke (Norwegian Institute for Cultural Heritage Research - NIKU)

Archaeology and cultural heritage are important to both human understanding and management of crises. Interdisciplinary research on responses of previous societies to similar crises can help us to develop resilience, mitigation and adaptation strategies to tackle these global big challenges in early 21st century. We have as background the results from the recently completed COP26 in Glasgow (November 2021), as well as statements on climate change and heritage released by the EAA 2021, Social Archaeology of Climate Change Summit (SACC 2021), and the Society for American Archaeology (SAA) (in progress, to be released Spring 2022), which all point to different important aspects on how archaeology and archaeologists can contribute.

This sixth roundtable organized by the EAA Community for Climate Change and Heritage (CCH) builds on the success of the previous ones and hopes to focus further on: (1) Internationalization, (2) Prioritization, (3) Strategies, and (4) Policies.

We will also invite representatives of key archaeology associations as well as specialists in climate change and heritage research as a sounding board for the CCH activities. In addition, the roundtable session will provide an update on the work done in and by the community since the previous meeting and discuss next steps for the Community to grow and extends its network and activities in a global climate crisis.

422 '... IN WITH THE NEW!': THE FUTURE OF ARCHAEOLOGICAL RESEARCH IN MEDIEVAL EUROPE

Room: Building A, room 336
Time: 16:30 - 18:30
Theme: 1. Archaeologists and Archaeology Here and Now
Format: Session with presentation of 6 slides in 6 minutes
Organisers: Busset, Anouk (Université de Lausanne) - Sawicki, Jakub (Academy of Sciences of the Czech Republic)



PAPERS

- 16:30 INTRODUCTION**
- 16:36 NEW METHODOLOGICAL PERSPECTIVES FOR THE STUDY OF THE MEDIEVAL PEASANTRY IN NORTHERN IBERIA**
 Rebollar Flecha, Luis (University of Oviedo)
- 16:42 RECONSIDERING PEASANTRY AND LOCAL COMMUNITIES IN THE EARLY MIDDLE AGES THROUGH A GENDER(S) PERSPECTIVE.**
 Carballido González, Elías (University of Oviedo)
- 16:48 RECONSTRUCTION OF MEDIEVAL FOREST DEVELOPMENT USING MINING TIMBERS FROM THE ORE MOUNTAINS**
 Ahlgrimm, Svenja (University Greifswald)
- 16:54 NEW WORK ON OLD EXCAVATIONS. BRINGING TOGETHER RESULTS FROM OLDER AND YOUNGER EXCAVATIONS TO ENLIGHTEN WATER AND WASTE MANAGEMENT**
 Swensen, Elisabeth (NTNU University Museum)
- 17:00 DISCUSSION SLOT**

436 GENERAL SESSION

Room: Main building, room 26
Time: 8:30 - 13:00
Theme: 1. Archaeologists and Archaeology Here and Now
Format: Regular session
Chair: Bíró, Szilvia (Savaria Museum) - Anders, Alexandra (Eötvös Loránd University)

PAPERS

- 8:30 CROSSING BOUNDARIES FOR NEW PERSPECTIVES FOR HOARDS RESEARCH**
 Maciejewski, Marcin (Institute of Archaeology Maria Curie-Skłodowska University)
- 8:45 IBERIAN SHIPBUILDING DOCUMENTS, DATABASES, AND WORLDWIDE RESEARCH**
 Silveira Martins, Adolfo António (Universidade Autónoma de Lisboa, CICH; Centro de Geociências. Universidade de Coimbra; Instituto Terra e Memória) - Martins, Adolfo Miguel (CFE, Centre for Functional Ecology – Science for People & the Planet, Department of Life Sciences, University of Coimbra, at the NOVE University)

- 9:00 HOW THE HILLFORTS BECAME THE MOST FAMOUS ARCHEOLOGICAL HERITAGE SITES IN LITHUANIA?**
Viršiliene, Jurgita (University of Klaipėda)
- 9:15 WE ALL NEED AN EU HERITAGE AND HISTORIC ENVIRONMENT DIRECTIVE WHICH INCLUDES LICENSING FOR THOSE WHO WORK IN IT**
Forrestal, Colin (Independent Researcher)
- 9:30 CULTURAL HERITAGE THAT CREATES IDENTITY IN THE FACE OF CLIMATE CHANGE**
Sozer Kolemenoglu, Selma (Universidad Empresarial De Costa Rica)
- 9:45 RECYCLING THE "SLOW APOCALYPSE": CONFLICT, HERITAGE AND THE ARTS OF LIVING ON A DAMAGED PLANET**
Breithoff, Esther (Birkbeck, University of London)
- 10:00 APOCALYPSIS AND OTHER DISASTERS IN THE MESOAMERICAN NARRATIVE: FROM THE PAST TO THE PRESENT DAY**
Moragas, Natalia (University of Barcelona)
- 10:15 DISCUSSION SLOT**
- 11:00 THE HYDROGRAPHIC NETWORK: A BARRIER PREVENTING THE EXPANSION OF PREHISTORIC POPULATIONS?**
Ibrahim Hassan, Tayiba - Degioanni, Anna (Aix-Marseille Université, Ministère de la Culture, CNRS, Lampea, Aix-en-Provence)
- 11:15 A MULTITEMPORAL TALE OF MONUMENTALITY IN THE NECKAR VALLEY**
Verdonkschot, Jadranka (Universität Tübingen)
- 11:30 COIN HOARDS FROM HISPANIA AS DEMOGRAPHIC PROXY**
Diez Castillo, Agustín - Martínez-Chico, David (Universitat de València)
- 11:45 DRESS TO HEAL? NATURAL DYES AND DYE-PLANTS AS HERBAL REMEDIES IN THE ROMAN TIMES**
Pásztókai-Szeoke, Judit (freelance archaeologist)
- 12:00 THE ECONOMY DURING THE IV-VI CENTURIES IN DARDANIA**
Shipoli, Elza (Pázmány Péter Catholic University)
- 12:15 FROM A MONUMENTAL CITY TO A RURAL SETTLEMENT: TEOTIHUACAN IN EARLY COLONIAL TIMES**
Torras Freixa, Maria (Universitat de Barcelona; Boston University) - Moragas Segura, Natalia - Bosque Canton, Cristina - Alvaro Rueda, Maria Karen - Pecci, Alessandra (Universitat de Barcelona)
- 12:30 DISCUSSION SLOT**

POSTERS

- A. ARCHAEOLOGY, ARCHAEOLOGICAL TOURISM AND THE LOCAL COMMUNITY IN BALTIC SEA REGION - ARCHAEOBALT PROJECT CASE STUDIES**
Czonstke-Swiatkowska, Karolina (University of Gdańsk; Archaeological Museum of Gdańsk) - Caretta, Nicolas (Bornholms Museum) - Maddox, Timmis (University of Wisconsin-Milwaukee) - Świątkowski, Bartosz (University of Gdańsk) - Thorsen, Michael (Bornholms Museum)
- B. "WHY AM I HANGING LIKE THAT?" EXECUTION SITES IN LOWER SILESIA AS A SPECIFIC FORM OF SPACE LIMITATION**
Swiatkowski, Bartosz (University of Gdańsk) - Wojtucki, Daniel - Wojtucka, Karolina (University of Wrocław) - Leńniewska, Dominika (University of Gdańsk) - Mucha, Natalia (Nicolaus Copernicus University)

List of Sessions

Session	Main organiser	Scheduled	Room
10 United Europe of Things 3: Understanding Transition - Integration - [Re]Integration through Medieval Material Culture	Sawicki, Jakub	1 Sept 14:00 - 18:30	B 172
12 Seeing the 'Art' in Artifacts: The Inter-connections of Archaeology and the Arts	Jameson, John H	1 Sept 11:00 - 18:30	A 428
16 The Dawn, Apogee and Modern Demise of Kurgans in Southeast and East-central Europe	Peto, Ákos	3 Sept 14:00 - 18:30	Main 252
17 Becoming a Published Archaeologist [ECA]	Brami, Maxime	2 Sept 16:30 - 18:30	A 336
27 Engaging the Public, Heritage and Educators through Material Culture Research	Wilson, Katherine	2 Sept 8:30 - 12:30	R E030
32 Skyscape, Landscape and Archaeology. Study of Ancient Buildings from Different Perspectives and Disciplines to Give Them a Cultural Meaning [SEAC-EAA]	Balbi, Jose	1 Sept 8:30 - 13:00	R E030
35 Where's My Tribe? Developing New Approaches to Connectivity, Mobility and Community in Early Medieval Europe after the Ethnic Paradigm	Brownlee, Emma	3 Sept 14:00 - 18:00	F 12
38 Characterization of Lithic Material in Prehistory, Methods, Problems, Results	Surmely, Fred	2 Sept 16:30 - 18:30	Main 39
39 Presentism and the Archaeologies of the Present: Engaged Practices and Methodologies	Pastor Pérez, Ana	1 Sept 8:30 - 13:00	R E423
45 Becoming Roman: The Role of Biological Resources in the Expansion of New Economic and Cultural Models throughout the Empire	Tereso, João	3 Sept 8:30 - 13:00	Main 11
51 Conquest, Migration and Cultural Change in the Medieval Mediterranean	Pluskowski, Aleks	1 Sept 8:30 - 16:00	B 217
53 Technology, Regionalisation and Environmental Adaptation in Europe and beyond [PaM]	Meyer, Ann-Katrin	3 Sept 8:30 - 10:30	R E151
67 Cremation Funerary Practices across the Roman Empire: A Bioarchaeological Approach	Silva, Filipa	2 Sept 14:00 - 18:00	Main 27
83 Climatic Changes in the Medieval World: Evidence for Adaptation and Resilience	Kerr, Sarah	2 Sept 8:30 - 12:30	R E245
85 Understanding Neanderthal Symbolic and Cultural Behaviour and Their Cognitive Underpinnings. Where Do We Stand? [PaM]	Leder, Dirk	1 Sept 16:30 - 18:30	A 329
86 Prehistoric Warriorhood in Transition	Dolfini, Andrea	1 Sept 8:30 - 15:30	Golyavar Pazmany Peter

Session	Main organiser	Scheduled	Room
90 The Technology and Use of Metals in the Prehistoric Eastern Mediterranean: Recent Advances through Microscale Analysis	Aulsebrook, Stephanie	3 Sept 8:30 - 10:30	Main 138
93 Beyond the Chronology and Pathways of Dispersal: Reasoning the Use and Abandonment of Broomcorn Millet Cultivation across Eurasia	Motuzaitė, Matuzeviciūtė, Giedrė	3 Sept 8:30 - 13:00	Main 252
96 Neither River nor Lake: Human-made 'Waterscapes'. The Use of Ground- and Rainwater in Neolithic Times	Staeuble, Harald	3 Sept 16:30 - 18:30	A 329
98 Hunter-Gatherer's Societies in the Southwestern Europe between 18,500-10,000 cal. BP [PaM]	Vadillo Conesa, Margarita	1 Sept 8:30 - 15:30	Main 252
100 Human Forensic Taphonomy – How Multidisciplinary Approaches Shed Light on Past Funerary Practices	Moghaddam, Negahnaz	2 Sept 14:00 - 18:30	Main 252
102 Campaigning Strategies for Archaeology and Cultural Heritage - Principles, Strategies, and Practical Experiences	Siegmund, Frank	2 Sept 8:30 - 13:00	R E253
108 The Times Are a Changing - Socio-Cultural and Ecological Change during the Atlantic Biozone and Their Impact on Human Life [PaM]	Posch, Caroline	1 Sept 16:30 - 18:30	A 336
109 Animal and Plant Management in Prehistoric Hunter-Fisher-Gatherer Communities [PaM]	Mjaerum, Axel	2 Sept 14:00 - 18:30	Main 11
112 Prehistoric Inter-Societal Dynamics along the Atlantic Façade II. Neolithic to the Iron Age	Carrero-Pazos, Miguel	3 Sept 16:30 - 18:30	A 39
126 Limiting Spaces: The Attribution of Spatial Meaning through the Creation of Boundaries	Yamasaki, Mari	2 Sept 8:30 - 16:00	B 217
127 Integrations, Interactions, and Intersections in Islamic Archaeologies of Afro-Eurasia	Shingiray, Irina	3 Sept 8:30 - 15:30	B 242
128 Above and around 60 Degrees North: Movement of Ideas, Practices, Materials and People AD 300-1300	Hillerdal, Charlotta	3 Sept 8:30 - 13:00	Golyavar Pazmany Peter
129 Populism, Authoritarianism, Autocracy and Other Kids of Neo-liberalism – in Academia and Archaeology	Karl, Raimund	2 Sept 8:30 - 13:00	Main 27
130 New Interactions and Relations with Heritage. Different Approaches between Heritage and Stakeholders	Loy, Aida	1 Sept 14:00 - 18:30	R E021
134 In the Margins of the Fabric: Towards a Social Archaeology of Industrial Impact in the Modern and Contemporary Eras	Tejerizo, Carlos	2 Sept 14:00 - 18:30	R E356
135 The Medieval Marketplace in Europe - Interdisciplinary and Theoretical Approaches to Its Biographies and Developments	Rösch, Felix	2 Sept 14:00 - 18:30	Golyavar Pazmany Peter
142 Gender Archaeology at the Crossroads: The Future and Its Challenges [AGE]	Gaydarska, Bisserka	2 Sept 8:30 - 13:00	Golyavar Pazmany Peter

Session	Main organiser	Scheduled	Room
143 The Evolution of Coastal Archaeological Sites: Submerged, Preserved, in Flux	Kapahnke, Sheri	2 Sept 14:00 - 18:00	R E253
149 Interactions, Innovation and Communication in the Late Neolithic and Copper Age	Siklósi, Zsuzsanna	3 Sept 8:30 - 18:30	A 47
153 Apps and Archaeology. Use of Apps as Archaeological Tools	Espinosa, Isaac	1 Sept 8:30 - 12:30	R E414
154 Towards an Archaeology of Household Practices – Current Archaeological and Scientific Contributions	Kienlin, Tobias	1 Sept 8:30 - 13:00	B 172
157 Finds Stories: Archaeological Biographies in Contexts of Mobility	Marini, Christina	2 Sept 14:00 - 18:00	R E414
161 Peripheral Regions in the Prehistory of Temperate Europe	Vondrovský, Václav	3 Sept 16:30 - 18:30	A 150
162 Digital Humanities and Medieval Archaeology: Re-Integrating Isolated, Fragmented and Overlooked Archaeological Evidence	Vargha, Maria	2 Sept 8:30 - 15:00	Main 34
170 The Houses of Death as Ancestral Monuments. The Archaeology of Neolithic Long Barrows in Europe	Turek, Jan	2 Sept 8:30 - 12:30	F 12
174 Rhythms of Life. Exploring the Imprints of Temporalities and Annual Cycles on Prehistoric Settled Life	Vicze, Magdolna	1 Sept 14:00 - 18:30	R E030
176 Ornaments as a Key to Understanding the Hunter-Gatherer to Farming Transition in Europe	Martínez-Sevilla, Francisco	3 Sept 14:00 - 18:30	Golyavar Pazmany Peter
177 Organic Materials in Tombs: The Quiet Protagonists	Andrianou, Demi	2 Sept 14:00 - 17:30	Main 138
180 Multi-proxy Microarchaeological Approaches: State of the Art, New Advances, Limitations and Future Perspectives	Albert, Rosa Maria	2 Sept 8:30 - 18:30	A 47
181 Control the Divine: Integrating Sacred Spaces and Rituals at the 'Fringes' (Ancient Central and South Asia)	Mendoza Sanahuja, Marc	3 Sept 8:30 - 13:00	R E021
184 Center vs Periphery. Interdisciplinary Approaches to the Study of Material Culture, Architecture, and Landscape in the Caucasus Region	Kaliszewska, Agnieszka	1 Sept 11:00 - 13:00	R E245
187 The Network Former: Trade and Exchange of Glass in Antiquity	Franjic, Ana	2 Sept 14:00 - 18:30	Main 137
192 Multi-proxy Approaches to Kinship in the Greco-Roman World	Voutsaki, Sofia	2 Sept 8:30 - 12:30	Main 26
194 Safer-Spaces Policies in Archaeological Practice [EAA ExB]	Barreiro, David	2 Sept 8:30 - 10:30	Main 112
195 Silk: A Catalyst for Interconnection in the Sixth to Tenth Centuries AD/CE	Makin, Alexandra	3 Sept 8:30 - 16:00	C 278
196 "A Universe with an Additional Dimension": The Socioenvironmental Archaeology of Fishing [PaM]	Živaljević, Ivana	3 Sept 16:30 - 18:30	R E253

Session	Main organiser	Scheduled	Room
197 Standardization in Qualitative and Quantitative Use-wear Analysis of Prehistoric Stone Tools: Discussing Issues and Solutions [PaM]	Borel, Antony	1 Sept 8:30 - 13:00	Main 26
198 From Fire to Light	Vandevelde, Ségolène	1 Sept 8:30 - 15:30	R E151
201 "For the Love" – The Impact and Potential of Amateur Enthusiasts on Archaeological Sites and Activities	Humphrey, Kenneth	3 Sept 16:30 - 18:30	B 242
203 Across the Maelstrom: Searching for New Departures in the Archaeology of the Viking Age	Sindbaek, Søren	1 Sept 16:30 - 18:30	Main 34
206 No Braudel for the Balkans? Forging a New, Interconnected Prehistory of the Balkan Peninsula	Galaty, Michael	3 Sept 8:30 - 16:00	A 428
207 Remembrance of Things Past: New Approaches to the Construction and Uses of Cultural Memory from Iron Age to Antiquity	Gomes, Francisco	2 Sept 16:30 - 18:30	Main 34
208 Telling Stories about Impacts of Academic Research in Archaeology on Society: Wider Lessons from the UK Research Excellence Framework Experience [EAA ExB]	Foster, Sally	2 Sept 11:00 - 13:00	Main 112
210 Digging Women: Use and Misuse of Ancient Women as Role Models in Archaeological Research and Dissemination [AGE]	Garcia-Ventura, Agnes	3 Sept 14:00 - 18:30	B 172
211 Right Here, Let's Get It Right Now. Collaborative Creation of Standards and Guidance to Define Good Archaeology in Different Jurisdictions	Hinton, Peter	1 Sept 16:30 - 18:30	F 12
213 Isoscapes, Foodwebs and Provenance – Isotope Archaeology beyond Materials and Specialisations	Rose, Thomas	2 Sept 8:30 - 16:00	B 172
215 Facing Water Resources and Variations in Central Asia from Prehistory to Timurid Period: Disaster(s), Adaptation, Anticipation	Rhoné-Quer, Camille	1 Sept 16:30 - 18:30	B 217
218 Science or Humanities – Whither Archaeology?	Ribeiro, Artur	3 Sept 8:30 - 16:00	B 217
220 Apprenticeship as Research Method	van Gijn, Annelou	1 Sept 16:30 - 18:30	R E151
221 Revisiting Husbandry and Subsistence in Southwestern Asia Using Integrated Approaches and the Latest Development in Bioarchaeology	Casanova, Emmanuelle	3 Sept 16:30 - 18:30	A 428
222 Ad Salubritatem Civitatum. The Archaeology of Water Evacuation Infrastructures in Roman Urban Settlements	Acero Pérez, Jesús	1 Sept 8:30 - 10:30	C 278
223 Winds of Change? Post-medieval and Historical Archaeology in Southern Europe and the Mediterranean	Panetta, Alessandro	1 Sept 8:30 - 15:30	F 12

Session	Main organiser	Scheduled	Room
224 Hunter-gatherers Resilience: Adaptation Patterns to Climatic Shifts at Different Latitudes from MIS3 to MIS 1 [PaM]	Mutri, Giuseppina	3 Sept 8:30 - 13:00	R E423
225 Anarchy and Archaeology: Towards New Theoretical and Practical Perspectives	Moshenska, Gabriel	2 Sept 14:00 - 18:30	R E021
226 Foreign vs Local in Medieval and Modern Age Foodways in the Baltic Sea Region	Rannamäe, Eve	2 Sept 11:00 - 13:00	Main 138
229 Development and Use of Garden Archaeology in Different Parts of Europe, Comparing Individual Approaches, Interactions, Cooperation to Assess Their Effectiveness	Vynckier, Geert	3 Sept 14:00 - 18:30	R E414
230 Sediment and Soil Archives to Decipher Human-environment Interactions in Wetland Landscapes from the Neolithic to the XXth Century	Mayoral, Alfredo	1 Sept 14:00 - 18:30	F 13
231 Bioanthropology in Western Asia: Moving forward (A Session in Honour of Prof Holger Schutkowski)	Kharobi, Arwa	2 Sept 8:30 - 13:00	F 13
232 Dressing Europe: Mapping and Disseminating European Textile Heritage through Digital Resources	Costeira, Catarina	2 Sept 8:30 - 13:00	R E356
233 Islands, Monasteries and Water Management	Hueglin, Sophie	3 Sept 11:00 - 13:00	Main 138
237 Protecting the Past Is the Key to the Future: Rights of Archaeological Heritage Stakeholders and Social Justice	Kairiss, Andris	2 Sept 14:00 - 18:00	Main 26
239 A Look beneath the Surface: Micro-archaeological and Geoarchaeological Approaches to the Study of Occupation Surfaces	George, Nebu	1 Sept 8:30 - 16:00	A 329
241 Archaeology as Study of the Future	Meier, Thomas	1 Sept 14:00 - 18:30	R E414
243 Coming Back to Life: Reuse of Medieval Buildings	Berryman, Duncan	2 Sept 14:00 - 18:00	F 13
248 New Approaches to Lithic Raw Material Studies: Inferring Past Human Mobility [PaM]	Sanchez De La Torre, Marta	2 Sept 8:30 - 13:00	Main 11
250 From Local to Microregional and Beyond: Spatial Structures in and around the Early Medieval Carpathian Basin	Szenthe, Gergely	1 Sept 14:00 - 18:30	Main 112
252 Borderline Lithics: From Spatial Patterns to Social Processes during the European Neolithization [PaM]	Denis, Solène	1 Sept 8:30 - 15:30	Main 34
254 Understanding the Dynamics of Making and Trading Goods across Medium and Long Distances in the 2nd Millennium BC	Roberts, Benjamin	1 Sept 11:00 - 18:30	A 39
256 Curation or Reburial — Current Practices and Decision Making on Storing Human Skeletons in Archaeological and Historical Collections	Majjanen, Heli	2 Sept 14:00 - 18:00	R E030

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257 Big Project, Big Data: Creating a Web of Knowledge	Plunkett, Emily	1 Sept 8:30 - 15:30	C 328
260 Whose Pot Is It Anyway? Style, Influence, Integration and Meaning in European Ceramics	Hall, Derek	1 Sept 11:00 - 18:30	C 173
263 Craft Specialization in Worked Hard Osseous Materials: Conversations on a Complex Conceptual Category in Archaeology	Luciañez Triviño, Miriam	2 Sept 8:30 - 16:00	C 328
264 Bioarchaeological Approach to Human Health throughout the Medieval Period in Europe	Roshem, Irmine	3 Sept 8:30 - 13:00	Main 112
267 Towards the sea: human ecology, subsistence and adaptations along the European coasts from the Lower Palaeolithic to the Neolithic [PaM]	García-Escárzaga, Asier	2 Sept 8:30 - 15:30	A 329
268 Human Remains: Between Objects of Science and Lived Lives. Toward a New Ethics for Human Remains in Archaeology	Nilsson Stutz, Liv	1 Sept 8:30 - 13:00	F 13
269 More than Walls and Fences - The Importance of Space and Boundaries in Systems of Violence and Oppression	Theune, Claudia	3 Sept 8:30 - 12:30	B 172
271 The Social Role of Pottery and Potters in Neolithic and Copper Age Societies of the Balkans and Central Europe	Marton, Tibor	2 Sept 8:30 - 17:30	A 428
273 FAIRly Front-loading the Archive: Moving beyond Findable, Accessible and Interoperable to Reuse of Archaeological Data	Aspoeck, Edeltraud	2 Sept 8:30 - 18:30	A 330
274 Approaches to Communities in the Past and the Present	Borake, Trine	3 Sept 8:30 - 16:00	C 173
275 The Role of Archaeology (and Archaeologists) in the Covid-19 Recovery Plans across Europe and beyond [EAA ExB]	Taloni, Maria	3 Sept 14:00 - 18:30	Main 11
280 Pottery and Identity in the European Neolithic: The Interpretative Path between Archaeological Features and (Pre)Historical Narratives	García-Martínez De Lagrán, Iñigo	1 Sept 8:30 - 15:30	A 150
283 (Re)integration of the Carpathian Basin into the European Middle Palaeolithic: Cultural Contacts, Interregional Mobilities, Variability in Subsistence and Settlement Strategies [PaM]	Mester, Zsolt	3 Sept 8:30 - 15:30	A 150
284 Visualizing, Interpreting, and Presenting Archaeological Sites to the Public	Thomas, Ben	3 Sept 8:30 - 16:00	A 39
285 Gender Dynamics at the Dawn of the Classical World: An Indigenous Perspective [AGE]	Saltini Semerari, Giulia	1 Sept 8:30 - 13:00	B 242
286 Public Archaeology and Sites of Conflict [Public Archaeology Community]	Benetti, Francesca	2 Sept 8:30 - 12:30	R E423
287 Macroarchaeology - Definition, Objectives and Applications of a New Archaeological Paradigm	Schmid, Clemens	2 Sept 8:30 - 15:30	B 242

Session	Main organiser	Scheduled	Room
289 The Materiality of Lived Religion Under and After Rome	Fleming, Robin	3 Sept 8:30 - 12:30	R E414
291 Interaction in Neolitization, Neolitization as Interaction. Archaeological Data and Analytical Procedures for Defining Interaction Contexts [PaM]	Cortell-Nicolau, Alfredo	3 Sept 14:00 - 18:30	R E423
298 Raw Material Acquisition, Management and Technological Choices from the Mesolithic to the Bronze Age in South-Eastern Europe [PaM]	Vitezovic, Selena	3 Sept 8:30 - 16:00	A 336
304 Investigating Székely History through Regional and Interdisciplinary Approaches	Zejdlik, Katie	3 Sept 14:00 - 18:30	Main 112
305 Unravelling the Urban Palimpsest: The Re-use and Integration of Urban Fabric in Time and Space [Urban Archaeology Community]	Bouwmeester, Jeroen	3 Sept 14:00 - 18:30	R E030
306 Early Iron Age Landscape Transformations in the Carpathian Basin and Adjacent Areas	Czajlik, Zoltán	2 Sept 14:00 - 18:30	F 12
309 From the Present to the Past and Back: Crossing Disciplinary and Time Boundaries in Agricultural Research	Varalli, Alessandra	2 Sept 8:30 - 15:30	A 336
311 Community Archaeology of the Edges: Challenges and Solutions	Todaro, Simona	2 Sept 16:30 - 18:30	R E151
312 Continuity and Discontinuity of Transport Systems from Antiquity to the Present	Rajala, Ulla	3 Sept 8:30 - 13:00	R E030
315 New Technologies, New Trends, New Ethics in Cultural Heritage Management	Chroni, Athina	3 Sept 14:00 - 18:30	C 328
316 Small Objects Reflecting Great Changes	Rácz, Tibor	3 Sept 8:30 - 13:00	F 12
320 Archaeologies of Displacement Heritage, Memory, Materiality	Munawar, Nour A.	1 Sept 16:30 - 18:30	Main 137
321 Human Resilience during Eurasian Paleolithic and Mesolithic from a Bioarchaeological Perspective [PaM]	Marín-Arroyo, Ana	1 Sept 8:30 - 16:00	A 336
323 Microhistory and Social Archaeology in Western Europe	Quirós Castillo, Juan Antonio	2 Sept 8:30 - 13:00	R E414
324 Roman Housing on the Shores of the Eastern Mediterranean. Global Trends, Local Responses?	Rekowska, Monika	3 Sept 8:30 - 12:30	Main 39
325 "Open Science" in Archaeology and Heritage: Challenges and Future Perspectives	Edinborough, Marija	3 Sept 14:00 - 16:00	Main 137
326 Machine Learning and the Creation of Archaeological Narratives	Giroto, Chiara	2 Sept 14:00 - 16:00	Main 39
327 Stone Age Stray Finds and How to Use Them [PaM]	Bergsvik, Knut Andreas	3 Sept 8:30 - 16:00	A 329
330 Sustainability in Archaeology and Today: An Interdisciplinary Approach	Civilyte, Agne	1 Sept 14:00 - 18:30	Main 11
331 Possibilities and Challenges of the Archaeological Science Revolution in the Caucasus	Passerini, Annapaola	2 Sept 8:30 - 15:30	C 173

Session	Main organiser	Scheduled	Room
336 Experimental approaches to Palaeolithic and Mesolithic Archaeology [PaM]	Bentsen, Silje	1 Sept 8:30 - 13:00	Main 11
337 Archaeology Matters. The Need to Re-define the Relevance of Archaeology [EAA ExB]	Banffy, Eszter	1 Sept 8:30 - 10:30	A 39
338 Pottery from Post-medieval Period in Carpathian Basin. Evolution or Revolution?	Španihel, Samuel	3 Sept 14:00 - 16:00	Main 138
339 "More than Just Bones" - Understanding Past Human Adaptation and Behaviour through the Study of Human Remains	László-Mateovics, Orsolya	1 Sept 8:30 - 18:30	A 47
340 North European Trading Networks for Iron and Copper	Haggren, Georg	3 Sept 8:30 - 12:30	F 13
341 Oversea and Inland – Culture Contact Dynamics in the Mediterranean during the 1st Millennium BCE	Gerling, Claudia	1 Sept 16:30 - 18:30	C 328
342 What Do Archaeologists Want from a Distributed Science Infrastructure? Introducing IPERION HS and E-RIHS	Campbell, Gillian	2 Sept 11:00 - 13:00	A 429
343 Metals and Metalworking in the Borderlands	Saage, Ragnar	2 Sept 8:30 - 18:30	A 39
344 Integrating Neandertal Legacy: New Opportunities for Cooperation [PaM]	Mihelic, Sanjin	3 Sept 11:00 - 18:30	R E245
345 Let It Burn! Experimental and Ethnoarchaeological Approaches in Pyroarchaeology	Stahlschmidt, Mareike	3 Sept 8:30 - 16:00	R E253
346 Bringing Roman Coarse Ware to the Point: The Challenge of a Common Approach	Venditti, Caterina Paola	2 Sept 8:30 - 10:30	Main 138
347 Natural Resources of Highlands and Hinterlands in the Mediterranean	De Neef, Wieke	1 Sept 14:00 - 18:30	Main 26
349 Dark Horse – Archaeologies of Horses and Horse Culture in the Middle Ages	Benkert, Helene	1 Sept 11:00 - 18:00	R E356
350 [Re]Integrating a Dispersed Agenda: Advancing Archaeological Research in Central Eurasia	Rouse, Lynne	3 Sept 14:00 - 18:30	A 330
351 Routed Archaeology III – Getting around	Mele, Marko	1 Sept 8:30 - 12:30	Main 39
353 Ethics, Conflict Archaeology and Society in the 20th and 21st Centuries	Hausmair, Barbara	3 Sept 14:00 - 18:00	R E021
354 'Hidden Hillforts'. The Importance of Archival Sources for the Future Study of Fortifications [COMFORT]	Ibsen, Timo	2 Sept 8:30 - 13:00	Main 137
355 Re-visiting the Global/Local Continuum in Archaeological Heritage Practice: Contrasting Histories, Perspectives, and Experiences within and beyond Europe	Lazzari, Marisa	3 Sept 16:30 - 18:30	Main 137
358 Can You See Me? Putting the 'Human' Back into 'Human-Plant Interactions' [ARCHWILD]	Martin Seijo, María	2 Sept 8:30 - 15:30	R E151

Session	Main organiser	Scheduled	Room
359 Borderlands, Interaction Zones, and Bounded Spaces in the Prehistoric Eastern Mediterranean: Interdisciplinary Studies in the Reconstruction of Connectivity	Menelaou, Sergios	2 Sept 8:30 - 15:30	C 278
362 Balkan Archaeology as a Laboratory: Challenging Old Paradigms and Experimenting with New Ones	Heilmann, Daniela	2 Sept 14:00 - 18:30	R E245
365 Life and Death behind the Wall: A Multidisciplinary Approach to Monasticism in Past	Sarkic, Natasa	1 Sept 8:30 - 12:30	Main 138
366 Interdisciplinary Approaches to the Analysis of Funerary Archaeology during the Bronze - Iron Age Transition in Atlantic Europe	Still, Beverley	3 Sept 14:00 - 18:30	F 13
367 Agent-based Modelling of Socio-ecological Systems in Archaeology. Towards a New Research Community	Daems, Dries	2 Sept 16:30 - 18:30	C 328
368 Avocational Metal-Detecting in Europe: International Experiences and Local Considerations	Deckers, Pieterjan	1 Sept 8:30 - 10:30	R E245
369 Commerce in the Late Antique West: Approaches to Analyse Trade Networks in Times of Change	Schmidts, Thomas	3 Sept 8:30 - 13:00	C 328
371 Population History and Community Formation in Early Medieval East-Central Europe: Integrating Genetic, Isotopic, Archaeological and Historical Perspectives	Vida, Tivadar	2 Sept 8:30 - 18:00	A 150
372 Advances in Geometric Morphometric Methods Applied to Lithic Studies [PaM]	Araujo, Renata	3 Sept 16:30 - 18:30	R E356
373 Discussing the Future of Big Data for the Study of the Human Past	Cocozza, Carlo	3 Sept 8:30 - 12:30	Main 27
374 The Archaeobotanical Puzzle: (Dis)Integrating Botanical Proxies to Better Comprehend Past Plant-People Interactions	Esteban, Irene	1 Sept 14:00 - 18:00	Main 138
375 The Societal Impacts of Climate Changes in the Past – What Can Hunter-Gatherer Archaeology Contribute to the Current Debate? [PaM]	Grimm, Sonja	2 Sept 16:30 - 18:30	A 329
376 Economic Systems in the Neolithic and Bronze Age: Pathways of Production, Consumption, Storage, Control and Exchange	Schaefer-Di Maida, Stefanie	1 Sept 8:30 - 15:30	R E253
378 Moving beyond the Fact of Mobility? Re-evaluating the Strengths and Limitations of Strontium Isotope Analyses in Archaeology	Snoeck, Christophe	1 Sept 8:30 - 16:00	A 330
379 The Archaeology of Large-scale Conflicts: The Emergence of the Mongol Empire and the Invasion of Central-Europe in its Eurasian Context	Laszlovszky, József	1 Sept 14:00 - 16:00	C 278
380 Can you Future Proof Skill Development Work in Archaeology?	Jones, Cara	3 Sept 14:00 - 16:00	R E151

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381 Waterscapes: Traces of Interaction between People and Water from Neolithic to Bronze Age Europe	Sampaio, Hugo Aluai	3 Sept 8:30 - 15:30	R E356
382 Technology, Risk, and Change	Taylor, Timothy	3 Sept 14:00 - 18:30	Main 27
383 Scaling up: Archaeological Science Contributions to Big-picture Narratives on Human-Animal Relations	Milek, Karen	1 Sept 16:30 - 18:30	Main 252
384 Women's Status and Agency in the Neolithic and Metal Ages of Central Europe [AGE]	Jaeger, Mateusz	1 Sept 8:30 - 13:00	Main 112
385 Place Name and Archaeology – New Interdisciplinary Approaches in Europe	Ødegaard, Marie	1 Sept 14:00 - 18:00	Main 39
388 Towards an Open Platform for Computer Simulations of Past Socio-ecological Systems	Verhagen, Philip	2 Sept 8:30 - 10:30	A 429
389 Moving into the Mediterranean – New Developments in the Research on Genetics, Mobility, Culture Change and Languages	Mitnik, Alissa	3 Sept 8:30 - 13:00	A 330
390 All on Walls. Current Issues on Historical Wall Painting Science, Conservation, and Restoration	Baragona, Anthony	3 Sept 14:00 - 18:30	Main 39
392 The Anti-HABI Toolkit: Practical Solutions and Measures for Preventing and Addressing Harassment, Assault, Bullying and Intimidation in Archaeology [AGE]	Coltofean-Arizancu, Laura	1 Sept 16:30 - 18:30	R E253
394 So Many Settlements so Few Graves? Neolithic and Chalcolithic Practices with the Dead in Circum Pontic Region and Southeastern Europe	Shatilo, Liudmyla	1 Sept 8:30 - 10:30	R E356
395 Medieval Stone Monuments: Reuse and (Re) Integration	Caval, Saša	2 Sept 8:30 - 12:30	Main 39
396 Reenactment and Living Museum – Make History Accessible	Abonyi, Zsanett	1 Sept 8:30 - 15:00	Main 137
397 Archaeological Prospection and Field Evaluation Practice from Bologna Process to Convention of La Valetta. Do We Practice What We Preach? [Archaeological Prospection]	Verhegge, Jeroen	1 Sept 8:30 - 12:30	R E021
399 Linking Databases for Comparing Research: Do We Need a European Hillfort Information System? [COMFORT]	Loy, Anna	3 Sept 16:30 - 18:30	R E151
400 Step by Step. The Rough Road towards Community Archaeology	Wollak, Katalin	1 Sept 14:00 - 18:00	R E245
401 To Use or Not to Use: 3D Documentation in Fieldwork and in the Lab [3D-Archaeology]	Hostettler, Marco	2 Sept 8:30 - 13:00	R E021
402 Scaling Bronze Age Societies – Between the Micro and Macro	Austvoll, Knut Ivar	1 Sept 16:30 - 18:30	C 278
403 Domestication of Space: Internal and External Dwelling Structures in Middle and Upper Palaeolithic Sites [PaM]	Pean, Stéphane	1 Sept 16:30 - 18:30	A 150

Session	Main organiser	Scheduled	Room
404 Socio-environmental Systems and Resilience to Disturbance Regimes	Solheim, Steinar	1 Sept 8:30 - 10:30	C 173
405 "The Grass Is Always Greener on the Other Side?" The Benefit of the Local and Regional Lithic Raw Materials	Szilagyi, Kata	2 Sept 14:00 - 16:00	A 429
406 Ancient and Traditional Crafts in Changing Environments: Addressing the Needs for Temporal Perspectives	Radini, Anita	3 Sept 8:30 - 12:30	Main 137
407 Digital Religioscapes: Current Methodologies and Novelties in the Analysis of Sacr(aliz)ed Spaces	Lätzer-Lasar, Asuman	1 Sept 8:30 - 13:00	Main 27
416 Challenging Island Archaeology with the Third Science Revolution	Santana-Cabrera, Jonathan	3 Sept 8:30 - 16:00	Main 34
417 As Far as Vases Go: Studies on Ancient Greek Pottery Trade and Its Contexts	Gares Molero, Alejandro	1 Sept 8:30 - 16:00	A 429
419 Using Forensic Archaeological Approaches to Inform the Past	Fry, Megan	1 Sept 16:30 - 18:30	Golyavar Pazmany Peter
420 EAA Community for Climate Change and Heritage (CCH) Roundtable	Biehl, Peter F	3 Sept 11:00 - 13:00	A 429
421 Space Syntax: The Material Imprints of Spatial Integration Processes	Füzesi, András	1 Sept 16:30 - 18:30	A 330
422 '... In with the New!': The Future of Archaeological Research in Medieval Europe	Busset, Anouk	3 Sept 16:30 - 18:30	A 336
424 Actors, Not Spectators. Community Representation in Archaeology and Cultural Heritage in the 21st century	Beaulieu, Kiara	2 Sept 14:00 - 18:00	R E423
426 From Isotope Ratios to Narratives: Exploring the Ways that Biogeochemical Studies are Impacting Eurasian Archaeology	Kiss, Viktória	2 Sept 8:30 - 13:00	Main 252
427 Prehistoric Histories: Linking Individual Agency and Broad Transformations	Polanyi, Tamas	2 Sept 16:30 - 18:30	B 242
430 Percussive Osseous Industry a Human Revolution between Pre-formation and Waste Selection [PAM]	Thun Hohenstein, Ursula	2 Sept 14:00 - 17:30	Main 112
432 Logistics and Natural Resources: Supply and Transportation through Time (5th century BC – 5th century AD)	Vanderhoeven, Timo	1 Sept 14:00 - 17:30	R E423
434 Creation of European Identities – Food, Textiles and Metals in the Iron Age Between Alps, Pannonia and Balkans	Gleba, Margarita	1 Sept 14:00 - 18:00	B 242
436 General Session	Bíró, Szilvia	2 Sept 8:30 - 13:00	Main 26
437 Reintegration in Medieval Archaeology. MERC Forum	Pluskowski, Aleks	2 Sept 14:00 - 16:00	R E144
438 Europe's medieval past: a manifesto. MERC Roundtable	Citter, Carlo	2 Sept 16:30 - 18:30	R E144