

H2020 NETCHER Project

3D Reconstruction of Cultural Heritage at Risk

15-17/02/2021, Online

Agenda Day 1

LIVE		
9-9.30	Introduction to looting and 3D modelling	Arianna Traviglia
9.30-11	Theory (Photogrammetry)	Daniele Bursich
11-11.30	Break	-
LIVE		
11.30-12.00	Photogrammetry practice wrap-up*	Daniele Bursich
12.00 - 13.00	Individual work (realise a set of photographs for mapping a 3D object)	Daniele Bursich available for Q&A during the process
13-14	Lunch	-
LIVE		
14-15.30	Individual work (realise a set of photographs for mapping a 3D object)	Daniele Bursich available for Q&A during the process
15.30-16.00	Break	-
16.00-16.30	Introduction to Recap Pro	Fabio Pittarello & Tommaso Pellegrini
16.30-17.00	Photographs upload with Recap Pro	Fabio Pittarello & Tommaso Pellegrini
17.00-17.30	Q&A about Recap Pro and how to share 3D reconstruction for Day 2	Fabio Pittarello & Tommaso Pellegrini

*Photogrammetry video-tutorial made available to students on February, 8th

Agenda Day 2

LIVE		
9-10.30	Exam of Recap Pro 3D reconstructions (provided by the attendees and by the teachers)	Fabio Pittarello & Tommaso Pellegrini
10.30-11	Introduction to 3D meshes and textures	Fabio Pittarello & Tommaso Pellegrini
11-11.30	Break	-
11.30-12.30	Editing digital models with Recap Pro	Fabio Pittarello & Tommaso Pellegrini
12.30-13.30	Lunch	-
LIVE		
13.30-14.30	Individual work (each attendee edits her/his own 3D reconstruction)	Fabio Pittarello & Tommaso Pellegrini available for Q&A during the process
14.30-15	Managing the mesh complexity	Fabio Pittarello & Tommaso Pellegrini
15-15.30	Break	-
15.30-16.30	Exporting digital models (formats)	Fabio Pittarello & Tommaso Pellegrini
16.30-17	Individual work (each attendee exports her/his own model)	Fabio Pittarello & Tommaso Pellegrini available for Q&A during the process

Agenda Day 3

LIVE		
9-9.30	Introduction to 3D annotation	Fabio Pittarello & Tommaso Pellegrini
9.30-10.30	Sketchfab: a platform for sharing and annotating 3D models	Fabio Pittarello & Tommaso Pellegrini
10.30-11	Individual work (each attendee uploads and annotates her/his own model to Sketchfab)	Fabio Pittarello & Tommaso Pellegrini available for Q&A during the process
11-11.30	Break	-
11.30-13	Integrating 3D models in WordPress	Fabio Pittarello & Tommaso Pellegrini
13-14	Lunch	-
LIVE		
14-14.30	Individual work (each attendee embeds her/his own 3D model in WordPress)	Fabio Pittarello & Tommaso Pellegrini available for Q&A during the process
14.30-16	Integrating 3D models in WordPress – part 2	Fabio Pittarello & Tommaso Pellegrini
16-16.30	Break	-
16.30-17.30	Individual work (website organisation)	Fabio Pittarello & Tommaso Pellegrini available for Q&A during the process
17.30-17.45	Homework for certification	Fabio Pittarello & Tommaso Pellegrini
17.45-18	Final greetings	Fabio Pittarello & Tommaso Pellegrini & Daniele Bursich

Instructors:

Daniele Bursich (*7emezzo.biz - Virtual Heritage*. Soluzioni digitali per musei e istituzioni culturali), **Tommaso Pellegrini** (*Ca' Foscari University of Venice*), **Fabio Pittarello** (*Ca' Foscari University of Venice*), **Arianna Traviglia** (*Center for Cultural Heritage Technology - Istituto Italiano di Tecnologia*).