

Course "Introduction to modern technologies"

3 December 2024

The Survey and Digitalisation of the Architectural Heritage: methodologies, techniques and applications.

prof. arch. Valentina Castagnolo PhD

The aim of the seminar was to show the potential of using advanced technology for surveying, documenting and studying ancient and modern cultural heritage.

SEMINAR PROGRAMME

13:30-15:00 _ Classroom theoretical lesson

- *Methodologies, techniques and applications for surveying the built heritage*
- *Photogrammetric data acquisition methods*

15:15-16:45 _ Photogrammetry exercise in a space within the University

- *Photogrammetric data collection*

(Students must be provided with a camera or mobile phone with a high-resolution camera; a tape measure, white paper and a pencil)

17:00-18:30 _ Photogrammetry exercise in classroom

Using the Agisoft Metashape software

(Students must be provided with a PC and the Agisoft Metashape software)