

ARCHiVe

Fondazione Giorgio Cini / Factum Foundation
1st Workshop on Analysis and Recording
of Cultural Heritage in Venice

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Factum Foundation and Fondazione Giorgio Cini present the **1st WORKSHOP ARCHiVe** (Analysis and Recording of Cultural Heritage in Venice), which will take place on the Island of San Giorgio Maggiore and other locations in Venice between **October 9th and 13th, 2023**.

This training initiative is focused on the application of non-contact, high resolution **digital technology** to documenting a selection of art, archival and architecture elements of great historical interest. With a **duration of 30 hours**, the workshop will introduce participants to specific 2D and 3D digitization techniques and methods that ARCHiVe has been pioneering in the last years through a number of cutting-edge projects, in Venice and abroad.

The workshop will be 100% presential and based on a **learning-by-doing** approach which will include theoretical and practical training. It is open to a selected group of participants (both students and professionals with **diverse backgrounds**) who will learn directly from the experts of Factum Foundation and Fondazione Giorgio Cini. The team will take part in a real **scanning project** that will produce an archive of data invaluable for further applications, including art historical research, virtual restoration or re-materialization for exhibition purposes.

No previous experience is required and all recording equipment and software will be provided. As in other AOA (ARCHiVe Online Academy) activities, the course will be taught in **English** and participation **diplomas** will be provided. The Fondazione Giorgio Cini will offer **accommodation** at the Centro Vittore Branca's residence, on the Island of San Giorgio Maggiore, for the duration of the workshop.

There is a **participation fee of 600 €** per person, which includes: 30-hour teaching program; access to recording equipment and software; 4-night accommodation in a double room at the residence; welcome meal; 5-day ACTV transportation pass.





The workshop will have a total duration of 30 hours over a period of five days, starting on 9th October at 11.00 and finishing on 13th October at 17.00

- Theory sessions: introduction to general concepts and strategies for digital preservation
- Practical recording: hands-on recording with different 2D and 3D systems
- Processing: introduction to specific methods of processing digital information
- Guest lectures, visits or activities related to the workshop's content (TBC)

The Theory and Processing sessions will be taught to all participants at the same time. For the Practical recording, the participants will be divided in 4 groups so everyone gets to practice with all recording systems during the week, on a rotary basis.

The systems and methodologies to be used in the workshop are usually employed by Factum Foundation and Fondazione Giorgio Cini for most digitization projects. They range from planar 2D recording of books, documents or photographs, to the 3D recording of shape and surface of painting, sculpture or architecture elements.

Under the guidance of a team of experts, participants will learn to operate the following systems at a basic level, from capturing to processing the information:

- A) Replica 360 Recto/Verso Scanner; V-Scanner; Piano aspirato: 2D photographic sets specifically created for different types of documents and collections, from phototypes to maps, from rare books to design drawings.
- B) Lucida 3D Scanner: bespoke system for recording the surface of paintings and low-relief objects
- C) Photogrammetry: the emphasis will be put on close-range capturing, for highly detailed information
- D) LiDAR 3D scanning: system for obtaining accurate 3D data of interior and exterior spaces

The following chart summarizes the proposed schedule for each day (order of sessions subject to change):

	09/10/2023	10/10/2023	11/10/2023	12/10/2023	13/10/2023
09.30 – 11.00		Theory session 1	Theory session 2	Theory session 3	Theory session 4
11.00 – 12.30	Welcome and general intro	Processing A	Processing B	Processing C	Processing D
12.30 – 14.00					
14.00 – 15.30	Practical recording, divided in groups	Practical recording, divided in groups	Practical recording, divided in groups	Practical recording, divided in groups	Preparation of results
15.30 – 17.00					Presentation of results
17.00 – 18.30			Lecture, visit or activity		

- Total theory: 12 hours
- Total practice: 18 hours

Reading material and other references will be provided to the participants before and during the workshop. Further information about the workshop's content and specific artifacts and sites to record will be provided in the coming weeks.

For more information, contact and registration, please send an e-mail to info.aoa@cini.it

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