



PROGRAM

| | Monday 30/06/2025 | Tuesday 01/07/2025 | Wednesday 02/07/2025 | Thursday 03/07/2025 | Friday 04/05/2025 |
|----------------------|--|--|--|---|--|
| 09:30-10:00 | Welcome (NCSR Demokritos) Project assignment | NCSR Demokritos | Thetis Authentics | NKUA Department of History and Archaeology | NKUA Department of History and Archaeology |
| 10:00-11:00 | Sampling methods for inorganic materials <i>Theory</i> | Sampling guidelines in dating <i>Theory</i> | Ceramics workshop at Thetis | Portable XRF as a tool for sampling <i>Theory</i> | Data manipulation <i>Hands on</i> How we treat data with various software e.g. excel, origin etc. |
| 11:00-11:20 | <i>Coffee break</i> | <i>Coffee break</i> | <i>Coffee break</i> | <i>Coffee break</i> | <i>Coffee break</i> |
| 11:20-13:00 | Sampling methods for inorganic materials <i>Hands on</i> Cutting of materials (pottery, metals and glass), put them in blocks, prepare resin, pour resin in the cups, etc.) | Sampling guidelines in dating <i>Hands on</i> TL-OSL sampling using pipes and hammering, how we store the samples, how we uncover them in the lab etc. Treatment of finds for C-14 dating. | Ceramics workshop at Thetis | Portable XRF as a tool for sampling <i>Hands on (in two groups working in parallel)</i> Group A: Analysis of a set of objects, getting the results and data processing. Group B: Optical Microscopy. Look at the samples prepared on the first day under the microscope. | Group work Students working in groups how they will further process their project (assigned on the 1 st day). |
| 13:00-14:00 | <i>Lunch break</i> | <i>Lunch break</i> | <i>Lunch break</i> | <i>Lunch break</i> | <i>Lunch break</i> |
| 14:00-16:30 | Sampling of paintings and frescoes 15-20 mins theory <i>Hands on</i> The same procedure as above with all the processes needed for minute painting samples. <i>Demonstration</i> Grinding, polishing of already prepared blocks to see how is done. (30 minutes) | First aid treatment in the field <i>Hands on</i> Consolidation and block removal from the field using plaster and gauzes of already buried artefacts. Cleaning and treatment at the lab (optional). | Ceramics workshop at Thetis | Portable XRF as a tool for sampling <i>Hands on (in two groups working parallel)</i> Group A: Optical Microscopy Look at the samples prepared on the first day under the microscope. Group B: Analysis of a set of objects, getting the results and data processing. | Presentations |
| Social events | | | Drinks at the city center right after the workshop | | Farewell gathering |