

Program Morning

9:00-9:30 Registration

9:30-10:00 Institutional greetings

Session 1: Diagnostic, stone, glass and metals

Chair: Anna Galli, Jacopo Orsilli

10:00-10:12 O1 - Çağdaş Özdemir

*Investigation of *Ulva lactuca* as a New Restoration and Green Protection Material for Metal Archaeological Cultural Heritage*

10:12-10:24 O2 - Marco V. Majani

Ultrasonic Tomography and Augmented Reality for the Conservation and Dissemination of Cultural Heritage: The Case of the Diana the Huntress Statue

10:24-10:36 O3 - Maria A. Zicarelli

Sustainable Lime Mortars with Rice Husk Ash for the Conservation of Cultural Heritage

10:36-10:48 O4 - Kateryna D'Ayala

Mediterranean technologies in a Grecian colony: The case of core-formed glass vessels in Olbia Pontica

10:48-11:00 O5 - Rossana Caputo

Integrated Strategies for the Conservation and Valorization of Archaeological Materials from the Sanctuary of Rossano di Vaglio (4th c. BCE – 1st c. CE, Basilicata, Italy)

11:00-11:30 Coffee break & Poster Session

Session 2: Diagnostic, biology

Chair: Jeannette Lucejko, Anna Larura Tassi

11:30-11:42 O6 - Arianna Di Felice

The Mummified Head of the Child from Celano: A Case Study of 17th-Century Natural Mummification

11:42-11:54 O7 - Irene Bertelli

The secrets of Etruscans craftsmanship: chemical characterization of the adhesives used for metal stripes decorations on ceramics

11:54-12:06 O8 - Matteo Giaccari

Teeth Don't Lie: Diet, Mobility, and Life Histories at the Sumerian site of Abu Tbeirah through a multi-isotopic approach

12:06-12:18 O9 - Greta Peruzzi

When Art breathes: nanostructured plasmonic gas sensors for museum environmental monitoring

12:18-12:30 O10 - Cecilia Campi

Atomic Oxygen as an Innovative Non-Contact Cleaning Method for Works of art

12:30-14:00 Lunch break & Poster Session

Program Afternoon

Session 3: (Preventive) Conservation

Chair: Donata Magrini, Nicole Manfreda

- 14:00-14:12 O11 - Lisa Vergelli
Environment-induced risk assessment as a preventive conservation strategy for an effective management of safety cinematographic archives
- 14:12-14:24 O12 - Manuel Bucciarelli
Stereomicroscopic assessment of CNC distribution for canvas paintings conservation
- 14:24-14:36 O13 - Giulia Boccacci
Climate-induced Risk Assessment of Library Collections within Dora I WWII Bunker in Trondheim, Norway
- 14:36-14:48 O14 - Alessia Boccutto
Multi-analytical approach for in-depth study of hypogeal mural-painting
- 14:48-15:00 O15 - Mattia Pascarella
Methods for vegetation management in archaeological sites: sustainability, effectiveness and conservation

15:00-15:40 Flash Communications

Session 4: Valorization and Data Treatment

Chair: Rosa Ponterio, Diletta Paghi

- 15:40-15:52 O16 - Massimiliano Puntin
ADE: Enhancing XRF Spectra Interpretation with an Automated Detection Element Toolkit
- 15:52-16:04 O17 - Simone P. Barbagallo
Development of Intelligent Museum Assistants and Ethical Reuse of 3D Archaeological Reconstructions
- 16:04-16:16 O18 - Clotilde M. Jovino Podestà
Debunking the Fake: An Interdisciplinary Approach to Countering Forgery or Counterfeiting in Contemporary Art
- 16:16-16:28 O19 - Valentina Certo
Inside Caravaggio: Immersive Experience Models
- 16:28-16:40 O20 - Marta Sorrentino
Digitizing to Preserve Contemporary Works of Art
- 16:40-16:52 O21 - Marco Izzolino
Toward a "liquid museum." The contribution of visitors from outside the local context to the understanding, valorization, and management of cultural heritage.

17:00-17:30 Awards and Conclusion

17:30 Visit to the Museum Enrico Fermi

Flash Communications

- P01 - Arianna Casarin
Multi-Analytical Provenance Study of White and Polychrome Marbles from Teate Marrucinorum (Chieti, Italy)
- P02 - Claudia Biscotti
Archaeometric characterization of pre-Greek Daunian ceramic production: Regional variations and technological traditions in Apulian sites
- P03 - Elisabetta Ariosta
An Integrated Multidisciplinary Strategy for the Study and Conservation of the Archaeological Site of Palazzi di Casignana (Reggio Calabria, Italy)
- P04 - Francesca Tansella
X-Rays and Musical Instruments: a way to restore and rediscover sounds
- P05 - Francesca Tornari
Biodeterioration of artifacts study collection stored in repositories of the National Museum of Science and Technology: risk analysis and conservation issues.
- P06 - Gioele Litrico
Mobile Image Retrieval for Cultural Heritage: A CNN-Based Approach to Museum Artifact Recognition
- P07 - Maria S. Patrevita
Ancient Goldsmithing in the Nile Valley: From Archaeometric Analysis to Experimental Archaeology
- P08 - Noemi Mantile
Exploring the Informative Potential of Stable Isotope Analyses Performed on Organic Remains: The Case Study of the Medieval Mining Castle of Rocca San Silvestro (Tuscany, Italy).
- P09 - Valeria Minisini
The searching for miniatures in photographic archive digital collections - a case study

