

PROGRAMMA



| Mercoledì 12 febbraio | | | | | | |
|--|---|---|--|--|---|--|
| Complesso Monumentale dello Steri, Sala Magna | | | | | | |
| 9:00 | | 9:45 | | 10:00 | | 10:15 |
| Registrazione dei Partecipanti | | Saluti e apertura lavori <i>Chair: Prof. Mauro F. La Russa, Prof.ssa Maria Luisa Saladino</i> | | I1 - <i>Premio Mario Milazzo</i> Prof. ssa Maria Perla Colombini <i>Archaeological organic residues: molecular profiles and biomarkers to provide a valuable insight of the past times</i> | | |
| 10:45 | Pausa caffè alla Gancia & Sessione Poster | | | | | |
| <i>Chair: Prof.ssa Jannette Jacqueline Lucejko, Prof. Franco Palla</i> | | | | | | |
| 11:15 | 11:30 | 11:45 | 12:00 | 12:15 | 12:30 | |
| O1 - Benedetto Pizzo <i>The state of preservation of the ancient Roman ships of Fiumicino sixty years after their discovery</i> | O2-Maria Emanuela Mascaro <i>Lying on the seabed: investigation of post-depositional phases in underwater ceramics</i> | O3- Ludovica Pia Cesareo <i>Decoding climate impact on metal underwater artifacts: initial experiments and future directions</i> | O4- Justin Vernet - INSU•LAB - <i>An open in-situ laboratory for dissemination during the annual underwater survey campaign on the submersed site of the Battle of Egadi</i> | O5- Rosarosa Manca <i>The Archaic Shipwreck of Giglio-Campese: An archaeometric contribution to the study of the geomaterials in its cargo</i> | I2 – Dott.ssa Patrizia Valeria Li Vigni Presidente Fondazione Sebastiano Tusa <i>Protection and promotion of the material and non-material heritage</i> | |
| 13:00 | Pranzo alla Gancia & Sessione Poster | | | | | |
| <i>Chair: Dott.ssa Rosina C. Ponterio, Prof.ssa Patrizia Capizzi</i> | | | | | | |
| 14:30 | | 15:00 | | 15:30 | 15:45 | 16:00 |
| I3 - Prof. Manfredi Leone <i>Il sistema museale dell'Università di Palermo</i> | | Minitalk Sponsor <i>EPO/Bruker/Metrohm</i> | | O6-Raffaele Martorana - <i>Geophysical and Archaeological Insights into the Hidden Past of the Annunziata Garden in Cammarata</i> | O8 - Eva Luna Ravan - <i>Egyptian Blue: variability in production technology, material provenance and deterioration</i> | O7- Dario Giuffrida - <i>The Addaura Caves in Palermo: new challenges for the study, conservation, and public access</i> |
| | | | | | 16:15 | O9- Roberta Iannaccone - <i>Unveiling the Bikini Venus from MANN. A multimodal approach to characterise the residual polychromy</i> |
| 16:30 | Pausa caffè alla Gancia & Sessione Poster | | | | | |
| 17:00 | Visita guidata della Chiesa della Gancia e di S. Anna La Misericordia | | | | | |
| 19:00 | Aperitivo di Benvenuto a Palazzo Bonocore | | | | | |

PROGRAMMA



| Giovedì 13 febbraio | | | | | | | |
|--|---|---|--|---|---|--|--|
| Complesso Monumentale dello Steri | | | | | | | |
| <i>Chair: Dott. Simone Caglio, Prof. Giuseppe Montana</i> | | | | | | | |
| | 9:00 | 9:30 | 9:45 | 10:00 | 10:15 | 10:30 | 10:45 |
| SALA MAGNA | <p>I4-Prof. Barbara Lydzba-Kopczynska <i>Non-destructive and chemometric analysis of the provenance of fossil amber</i></p> | <p>O10- Maria Francesca Alberghina <i>Mary Magdalene in ecstasy: revealing the historical-scientific results of an unpublished replica by Artemisia Gentileschi</i></p> | <p>O11- Chiara Delledonne <i>Discriminating superimposed historical inks exploiting a non-invasive strategy based on a novel multispectral approach</i></p> | <p>O12-Simi Maria Emilia Mangani - <i>Archaeometric Analysis of Cu-Alloys in 1st Millennium BCE Northern Apennines: Exploring Etruscan Settlements and Resource Use</i></p> | <p>O13 - Mauro Veronese - <i>Spectroscopic methods to disclose manipulations in Geoheritage</i></p> | <p>O14 - Simone Campanelli – <i>A synergy between archaeological studies and experimental archaeology: the case of a prehistoric bronze dagger from Ripatransone</i></p> | <p>O15 - Irene Ferrara - <i>Development of Smart Procedures for Automated Analysis and Data Integration in the Study of Historical Polychrome Surfaces</i></p> |
| <i>Chair: Prof.ssa Anna Galli, Dott.ssa Fernanda Prestileo</i> | | | | | | | |
| CHIESA S. ANTONINO | | <p>O28-Carmine Lubritto <i>The stable isotope analysis to investigate the “way of life” of ancient community of Pompei</i></p> | <p>O29-Silvia Vettori <i>An EPR study of the marbles from ancient quarries to archaeological site of Hierapolis in Phrygia (Turkey): A contribution to the provenance assessment of materials with close relationships</i></p> | <p>O30-Rosaria Galvagno - <i>Dating the Terme della Rotonda: Addressing Challenges in Stratified and Reused Materials Using SG-OSL Techniques</i></p> | <p>O31-Marta Magalini <i>Micro-Computed Tomography and micro-Laser Ablation to assist Ion Beam Analysis in lapis lazuli provenance investigation: methodology and application to beads from Ur (Mesopotamia, 3rd millennium BCE)</i></p> | <p>O32 -Celestino Grifa <i>The study of Pompeian pigments. A glimpse into ancient Roman colouring materials</i></p> | <p>O33 - Sara Calandra <i>Absolute and Relative Dating Challenges of Mortars from Public Buildings in Pompeii</i></p> |
| 11:00 | Pausa caffè alla Gancia & Sessione Poster | | | | | | |



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| <p align="center">Giovedì 13 febbraio Complesso Monumentale dello Steri</p> | | | | | | |
|---|---|---|--|---|---|---|
| | 11:30 | 11:45 | 12:00 | 12:15 | 12:30 | 12:45 |
| | <i>Chair: Prof. Celestino Grifa, Dott. Francesco Armetta</i> | | | | | |
| SALA MAGNA | O16 - Daniel Bacerra Fernández María Luisa Loza Azuaga - <i>An approach to the spolia of Classical and Late Antiquity in the monumental complex of the "Real Alacázar" of Seville</i> | O17 - Marta Porcaro - <i>Bronze Anthropomorphic Statuette between Sardinia and Etruria: Comparison, Provenance and Trade Networks in the Iron Age Mediterranean</i> | O18 - Francesca Modugno - <i>Mass Spectrometry Techniques for Street Art Preservation: The SuPerStAr Project</i> | O19 - Sveva Longo - <i>Combined Macro-XRF and X-ray Radiography analysis of Renaissance masterpieces</i> | O20 - Giacomo Fiocco - <i>Comparative Ink Analysis of Alessandro Manzoni's Manuscripts through p-XRF and PCA</i> | O21 - Paola Di Leo - <i>Spectroscopic imaging by micro XRF: a non-destructive methodology to unravel ancient artifact technology and raw materials circulation</i> |
| | <i>Chair: Prof. Giuseppe Lazzara, Prof.ssa Cristina Belfiore</i> | | | | | |
| CHIESA S. ANTONINO | O34- Valeria Daniele - <i>A sustainable and promising approach based on the use of magnesium hydroxide</i> | O35- Martina Cirone - <i>Biopolymeric membranes: eco-friendly solutions to preserve the Baroque stone heritage of Val di Noto in south-eastern Sicily (Italy)</i> | O36-Eleonora Verni - <i>Sustainable Hydrogels for Cleaning Procedures: Incorporating Tannins into in-situ-Borax Crosslinked KGM Polymers</i> | O37-Maria Rita Caruso - <i>New oil in water bio-hybrid system stabilised by nanomaterials: Cellulose Nanocrystals</i> | O38- Gabriella Di Carlo - <i>Sustainable protective coatings for metal objects: innovative materials from waste and renewable sources</i> | O39-Sara Fiorentino - <i>Fostering resilience and sustainable territorial development through cultural heritage: lesson learnt from citizen engagement initiatives within RESTART and SIRIUS projects</i> |
| 13:00 | Pranzo alla Gancia & Sessione Poster | | | | | |
| | 14:30 | 15:00 | 15:15 | 15:30 | | |
| | <i>Chair: Prof.ssa Monica Gulmini, Prof. Fabrizio Lo Celso</i> | | | | | |
| SALA MAGNA STERI | O15 - Dott. Orazio Spadaro - <i>The synergy between tradition, innovation and sustainability for the restoration of the historical heritage, with a special attention to circular economy</i> | O22 - Stefania Porcu - <i>Validation of 3D Fluorescence Mapping as a Non-Destructive Technique for the Study of Pigments Degradation in Cultural Heritage</i> | O23 - Ludovico Geminiani - <i>Evaluating The Light-Induced Damage Of Dyed Silk Textiles</i> | O24 - Francesca Sabatini - <i>Modelling clay materials in art: analytical approaches for disclosing their chemical composition and thermal properties</i> | | |

PROGRAMMA



| <i>Chair: Dott.ssa Gabriella Di Carlo, Prof.ssa Delia F. Chillura Martino</i> | | | | |
|---|--|---|---|--|
| | 14:30 | 15:00 | 15:15 | 15:30 |
| CHIESA S. ANTONINO | | O40- Antonella Tumminello - <i>The restoration of the polychrome wooden Crucifix of the Chapel of the SS. Crocifisso of the Church of Sant'Anna la Misericordia in Palermo (Sicily)</i> | O41-Maria Rosalia Carotenuto - <i>What factors can affect lead corrosion processes in indoor museum environments? Case studies in historical collections at the University of Palermo</i> | O42-Marina Vieri de Mitri Fernandez - <i>Preserving color and printed materiality: impact of low-temperature plasma on modern inks and pigments during disinfection treatment of paper-based artifacts</i> |
| 15:45 | Pausa caffè alla Gancia & Sessione Poster | | | |
| | 16:15 | 16:30 | 16:45 | |
| <i>Chair: Dott.ssa Francesca Alberghina, Dott. Giacomo Fiocco</i> | | | | |
| SALA MAGNA | O25 - Diletta Paghi - <i>Vis-NIR hyperspectral imaging spectroscopy of Italian maiolica colours from Montelupo Fiorentino artifacts (14th-18th century)</i> | O26 - Anna Rosa Mangone - <i>Technological connections among Sicily, Apulia, and the Tyrrhenian coast: human mobility and knowledge transmission from an archaeometric viewpoint</i> | O27 - Jacopo Orsilli - <i>CdS1-xSex pigments: multidisciplinary study on the materials of the XIX-XX c. painters</i> | |
| <i>Chair: Prof. Carmine Lubritto, Prof. Bartolomeo Megna</i> | | | | |
| CHIESA S. ANTONINO | O43-Laura Guidorzi - <i>Preventive conservation in action: microclimatic monitoring of heritage sites to mitigate indoor and outdoor climate-induced risks</i> | O44-Laura Medeghini - <i>BIO-DUST: a green product for 3D printing</i> | O45-Francesca Porpora - <i>Reversible adsorbent smart materials for the recovery of starch grains from stone tools</i> | |
| 17:00 | Assemblea dei Soci e Premiazioni AIAR | | | |
| 19:00 | Visita guidata Monastero di S. Caterina | | | |
| 20:00 | Cena Sociale Monastero di S. Caterina | | | |



PROGRAMMA

| Venerdì 14 febbraio Sala Piersanti Mattarella, Assemblea Regionale Siciliana | | | | | |
|--|--|--|--|---|--|
| <i>Chair: Dott.ssa Donata Magrini, Dott.ssa Lavinia Sole</i> | | | | | |
| 9:00 | 9:30 | 9:45 | 10:00 | 10:15 | |
| I6 -Tenente Colonnello Gianluigi Marmora - <i>Il Comando Carabinieri per la Tutela del Patrimonio Culturale</i> | O46 -Antonella Privitera - <i>Authentication, attribution, provenance: the contribution of the diagnostics to the forensic investigations</i> | O47-Francesca Tansella - <i>CT on wind musical instruments: a way to bring them out of silence, preserving their state of conservation</i> | O48 - Leila Es Sebar - <i>Multispectral imaging investigation of Papal Bulls from the Santuario della Beata Vergine di Saronno</i> | O49-Nicole Manfreda - <i>Unveiling Workshop Practices: A Technical Study of Wooden Offering Bearer Sculptures from the Tomb of Minhotep</i> | |
| 10:30 | Pausa caffè | | | | |
| <i>Chair: Prof. Luca Sineo, Prof. Alessandro Re</i> | | | | | |
| 11:00 | 11:15 | 11:30 | 11:45 | 12:00 | 12:15 |
| Minitalk Sponsor Bruker | O50 - Gerlando Vita - <i>Chemical characterization of ochre from stains on Epigravettian tools and shells found in the M Trench in the San Teodoro cave</i> | O51 -Noemi Mantile - <i>From the Archaeological Context to the Laboratory: Challenges and Informative Potential of Stable Isotope Analysis of Organic Remains</i> | O52 - Josiah Olah - <i>Identification and characterization of ancient quarry sites in the Euganean Hills (Padova, Italy) through high-resolution UAV LiDAR measurements</i> | O53-Antonio Amatore - <i>Integrating Edge Computing and Environmental Sensors for Proactive Cultural Heritage Conservation</i> | O54-Sara Capriotti - <i>Deep Learning for ancient ceramic classification: Saliency maps as a tool for models interpretability</i> |
| 12:30 | Premiazioni e Chiusura | | | | |
| 13:00 | Visita guidata Cappella Palatina | | | | |

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| Conoscenza e valorizzazione del Patrimonio Sommerso |
| Caratterizzazione e Diagnostica |
| Digitalizzazione 3D e nuovi linguaggi della rappresentazione del patrimonio culturale |
| Provenienza e datazione |
| Materiali ecosostenibili e nanotecnologie per i beni culturali |
| Conservazione preventiva e restauro |
| Intelligenza artificiale e applicazione nei BBCC |
| Archeometria dei resti antropologici |