

MONUBASIN2024: 11TH INTERNATIONAL CONFERENCE OF THE CONSERVATION OF MONUMENTS

PROGRAM AUTHORS KEYWORDS

PROGRAM

Days: [Monday, June 17th](#) [Tuesday, June 18th](#) [Wednesday, June 19th](#)

Monday, June 17th

View this program: [with abstracts](#) [session overview](#) [talk overview](#)

09:30-10:00 Registration

LOCATION: [Conference Center Reception area](#)

10:00-10:30 Opening Ceremony

LOCATION: [Main Hall - Pericles Lytras Amphitheatre](#)

10:30-11:40 Session 1: Historical and Structural Aspects of Monuments

LOCATION: [Main Hall - Pericles Lytras Amphitheatre](#)

10:30 [Giasemi Frantzi](#), [Sotiria Kogou](#), [Georgios P. Mastrotheodoros](#), [Athanasia Psalti](#),
[Panayiotis Theoulakis](#) and [Hariklia Brecolaki](#)

Investigating color on Archaic architecture: "Athena" from the Gigantomachy pediment of the Temple of Apollo at Delphi ([abstract](#))

PRESENTER: [Giasemi Frantzi](#)

10:45 [Apostolos Apostolopoulos](#), [Alkiviadis Apostolopoulos](#), [Nikolaos Kaldis](#), [Dimitris Diamantakos](#) and [Charis Apostolopoulos](#)

Preliminary Restoration Proposal for the Holy Monastery of "Kokkini Ecclesia" (Red Church) in Lefkada ([abstract](#))

PRESENTER: [Apostolos Apostolopoulos](#)

11:00 [Midori Hidaka](#)

Glass dry plates of Sopoćani: Analysis of the images as the research basis and the preservation of wall paintings ([abstract](#))

11:15 [Giorgio Ghelfi](#)

The degradation of stone: Studies and reports in the 1950s on the conservation of stone materials ([abstract](#))

11:40-12:10 Coffee break

LOCATION: [Conference Center Reception area](#)

12:10-12:50 Session 2: Opening Lecture

LOCATION: [Main Hall - Pericles Lytras Amphitheatre](#)

12:10 [Fulvio Zezza](#)

Exploring materials, techniques and technological advances for conservation, urban restoration and management of cultural heritage in the new era ([abstract](#))

12:50-14:20 Session 3: Digital Techniques and Information Management for Cultural Heritage

LOCATION: [Main Hall - Pericles Lytras Amphitheatre](#)

12:50 [Dimitrios Makris](#) and [Petros Katsoudas](#)

The Contribution of 3D Bedrock Formation to the Restoration of the Ancient Theater of Dodoni, Greece ([abstract](#))

PRESENTER: [Dimitrios Makris](#)

13:05 [Sara Chirico](#), [Chiara Di Marco](#), [Ada Rovazzani](#) and [Roberto Cela](#)

Rope access monitoring and data management of the monumental complex in Piazza dei Miracoli in Pisa ([abstract](#))

PRESENTER: [Sara Chirico](#)

13:20 [Alberta Paglione](#), [Carla Giovannone](#), [Angelo Raffaele Rubino](#), [Claudio Santangelo](#),
[Francesco Frullini](#), [Angelandreina Rorro](#) and [Ludovica Ruggiero](#)

Innovative applications of 3D printed elastomers in the restoration of Cultural Heritage ([abstract](#))

PRESENTER: [Alberta Paglione](#)

13:35 [Pierpaolo Lagani](#)

Lorenzo Nottolini's architectural heritage in Tuscany. Digital twins and database for restoration project management. ([abstract](#))

14:20-14:50 Light snack lunch

LOCATION: [Conference Center Reception area](#)

14:50-16:10 Session 4: Methodologies for Characterization and Damage Assessment

LOCATION: [Main Hall - Pericles Lytras Amphitheatre](#)

14:50 [Ekaterini Ftikou](#), [Petros Prokos](#) and [Alexis Stefanis](#)

Investigation of post-restoration salt weathering at the mosaics of Dafni Monastery, Greece ([abstract](#))

PRESENTER: [Ekaterini Ftikou](#)

- 15:05 [Loucas Kyriakou](#), [Ioannis Ioannou](#), [Magdalini Theodoridou](#) and [Derrick Mwebaza](#)
Evaluation of salt weathering in stone using a new test procedure: a comparative laboratory study ([abstract](#))
PRESENTER: [Ioannis Ioannou](#)
- 15:20 [Nikolaos-Alexios Stefanis](#), [Panagiotis Theoulakis](#), [Dimitrios Makris](#), [Anna Koukoulis](#) and [Aristophanis Konstantatos](#)
Materials characterisation and damage assessment of the ancient kiln of Kirra, Greece ([abstract](#))
PRESENTER: [Nikolaos-Alexios Stefanis](#)
- 15:35 [Vasiliki Dritsa](#), [Alexandros Stouraitis](#), [Ekaterini Ftikou](#) and [Maria Kouli](#)
Non- invasive pigment identification of post-Byzantine wall paintings from 11th century Monastery of Daphne in Athens (Greece) ([abstract](#))
PRESENTER: [Vasiliki Dritsa](#)
- 15:50 [Henrique Fernandes](#), [Hai Zhang](#), [Clemente Ibarra-Castanedo](#), [Xavier Maldague](#), [Panagiotis Theodorakeas](#), [Stefano Sfarra](#) and [Nicolas Avdelidis](#)
The Invisible Touch: Brief History of Non-Destructive Techniques in the Care of Cultural Heritage ([abstract](#))
PRESENTER: [Henrique Fernandes](#)

16:10-17:10 Welcome drink!

LOCATION: [Conference Center Reception area](#)

Tuesday, June 18th

View this program: [with abstracts](#) [session overview](#) [talk overview](#)

09:30-10:00 Registration

LOCATION: [Conference Center Reception area](#)

10:00-11:30 Session 5: Methodologies for Characterization and Damage Assessment

LOCATION: [Main Hall - Pericles Lytras Amphitheatre](#)

- 10:00 [Agathi Anthoula Kaminari](#), [Nikolaos Alexios Stefanis](#), [Maria Chatzidaki](#) and [Athina Georgia Alexopoulou](#)
The application of non-destructive imaging techniques for the study and revelation of sketches under the whitewash layers of the interior walls of the House-Museum of Giannoulis Halepas, in Tinos Island, Greece ([abstract](#))
PRESENTER: [Athina Georgia Alexopoulou](#)
- 10:15 [Vasiliki Dritsa](#), [Konstantinos Mantelos](#), [Ekaterini Ftikou](#) and [Maria Kouli](#)
Preliminary results of pigments identification in a Macedonian Tomb of Hellenistic period using non- invasive techniques ([abstract](#))
PRESENTER: [Vasiliki Dritsa](#)
- 10:30 [Antigoni Vlisidi](#) and [Antonia Moropoulou](#)
Creating a dataset of digital images of Byzantine frescoes for analysis and classification using machine learning techniques ([abstract](#))
PRESENTER: [Antigoni Vlisidi](#)
- 10:45 [Xin Wang](#), [Guimin Jiang](#), [Miranda Mostacci](#), [Stefano Sfarra](#) and [Hai Zhang](#)
Simulation-aided infrared thermography with a new efficient channel attention mechanism aided Faster R-CNN model and decomposition-based noise reduction for detecting defects in ancient polyptychs ([abstract](#))
PRESENTER: [Xin Wang](#)

11:30-12:00 Coffee break

LOCATION: [Conference Center Reception area](#)

12:00-13:30 Session 6: Natural and Anthropogenic Damage Hazards

CHAIR: [Vasiliki Dritsa](#)

LOCATION: [Main Hall - Pericles Lytras Amphitheatre](#)

- 12:00 [Maria Deli](#) and [Maria Mertzani](#)
The conservation plan for Morosini fountain: an opportunity for reflection and redefinition of the norms ([abstract](#))
PRESENTER: [Maria Deli](#)
- 12:15 [Christos Maris](#), [Styliani Minetou](#), [Ioannis Staikopoulos](#) and [Stefania Chlouveraki](#)
"Revisiting the Mosaic of the Masks on Delos: A Comprehensive Condition Survey" [Presenters: Stefania Chlouveraki and Styliani Minetou] ([abstract](#)) 
PRESENTER: [Stefania Chlouveraki](#)
- 12:30 [Themistoklis Bilis](#)
Ancient Sanctuary at Kalapodi, Fthiotis, central Greece. Presentation of Restoration Works and the implementation of Triquetra Programme ([abstract](#))
- 12:45 [Theocharis Katrakazis](#), [Vicki Kontogianni](#), [Iason Markantonis](#), [Eirini Tziviloglou](#), [Petros Prokos](#), [Ekaterini Ftikou](#), [Maria Mertzani](#), [Diamando Vlachogiannis](#), [Athanasios Sfetsos](#), [Vassilis Kilikoglou](#) and [Ioannis Karatasios](#)
Monitoring the Effects of Climate Change on Microclimate and Building Materials of Monuments – the approach of “Herisktage” Research Project ([abstract](#))
PRESENTER: [Ioannis Karatasios](#)
- 13:00 [Adele Rossi](#)

Hypotheses for a scientific glossary for restoration in the age of new climatic and anthropogenic risks. ([abstract](#))

13:15-13:30 Session 7: Sponsor Presentation - Spectricon

13:30-14:40 Session 8: Decorative Architecture Design, Planning and Cultural Heritage Management

LOCATION: [Main Hall - Pericles Lytras Amphitheatre](#)

13:30 [Maria Chatzidakis](#) and [Alexis Stefanis](#)

Tears in the Rain. Street Art Conservation in a City that is Constantly Changing. ([abstract](#))

PRESENTER: [Maria Chatzidakis](#)

13:45 [Zoe Kanetaki](#) and [Eleni Kanetaki](#)

Scientific integration of 2D documentation sources for the digital representation of architectural monuments. Its contribution to cultural heritage management ([abstract](#))

([abstract](#))

PRESENTER: [Zoe Kanetaki](#)

14:00 [Cinzia Accetta](#)

Planning for conservation: accessibility and management of cultural heritage ([abstract](#))

14:40-15:10 Light snack lunch

LOCATION: [Conference Center Reception area](#)

15:10-15:30 Session 9: Sponsor Presentation - AltSol / Reasonable Graph

LOCATION: [Main Hall - Pericles Lytras Amphitheatre](#)

15:30-16:45 Session 10: Digital Techniques and Information Management for Cultural Heritage

LOCATION: [Main Hall - Pericles Lytras Amphitheatre](#)

15:30 [Daphne Kyriaki-Manessi](#) and [Styliani Vazaïou](#)

Using wikidata for managing cultural heritage information ([abstract](#))

PRESENTER: [Styliani Vazaïou](#)

15:45 [Angeliki Antoniou](#), [Despoina Lampada](#), [Aphrodite Kamara](#) and [Daphne Kyriaki-Manessi](#)

Phyigital Heritage Experiences in Refugee Attica ([abstract](#))

PRESENTER: [Angeliki Antoniou](#)

16:00 [Artemis Chalepliglou](#)

Digital Epigraphy Encoding and Information Management ([abstract](#))

16:15 [Kostas Maistrelis](#), [Thanos Kyritsis](#), [Simos Leonidakos](#), [Evangelia Papadaki](#), [Pantelis Brattis](#) and [Nikos Papazis](#)

Beyond the Standards: Combine Different Metadata Schemas for a Versatile Museum Repository Development ([abstract](#))

PRESENTER: [Nikos Papazis](#)

16:45-17:00 Coffee break

17:00-18:30 Session 11: Technologies for Damage Rehabilitation and Sustainable Preservation

LOCATION: [Main Hall - Pericles Lytras Amphitheatre](#)

17:00 [Anna Filopoulou](#), [Stamatis Boyatzis](#), [Alexios Stefanis](#) and [Maria Giannoulaki](#)

Optimizing the In Situ Deposition of Carbonate Hydroxyapatite for the Consolidation of Marble in Cultural Heritage Monuments ([abstract](#))

PRESENTER: [Anna Filopoulou](#)

17:15 [Panagiota Andrianopoulou](#), [Eleni Papathoma](#), [Dimitrios Kouis](#) and [Ioannis Drivas](#)

The Open Lab. Empowering Community Engagement and Knowledge in Conservation and Treatment Methods ([abstract](#))

PRESENTER: [Panagiota Andrianopoulou](#)

17:30 [Paola Bordonj](#)

Conservation of cultural heritage from the perspective of sustainability ([abstract](#))

17:45 [Ioannis Karapanagiotis](#), [Panagiotis Manoudis](#), [Ioannis Zuburtikudis](#) and [Hadil Abu Khalifeh](#)

Multifunctional composite coatings consisting of polymers and zinc oxide nanoparticles for the protection of stone heritage ([abstract](#))

PRESENTER: [Ioannis Karapanagiotis](#)

Wednesday, June 19th

View this program: [with abstracts](#) [session overview](#) [talk overview](#)

09:30-10:00 Registration

LOCATION: [Conference Center Reception area](#)

10:00-11:50 Session 12: Historical and Structural Aspects of Monuments

LOCATION: [Main Hall - Pericles Lytras Amphitheatre](#)

10:00 [Antonios Kontorozis](#), [Michail Stamatakis](#) and [Eleftheria Dimou](#)

Characterization and origins of ancient metallurgical slags from the ancient settlement of Archampolis, Euboea Island ([abstract](#))

PRESENTER: [Michail Stamatakis](#)

10:15 [Ioanna Panteli](#), [Ioannis Rigopoulos](#), [Margarita L. Petrou](#) and [Ioannis Ioannou](#)
Characterization of mortars from the Vartalis Watermill in Cyprus ([abstract](#))
PRESENTER: [Ioanna Panteli](#)

10:30 [Nicos Bobolos](#) and [Eleni Theotokatou](#)
Pre-industrial construction techniques, using industrial materials, in Greek urban vernacular architecture: the peculiar heritage of a transitional period (from 19th to 20th century) ([abstract](#))
PRESENTER: [Eleni Theotokatou](#)

10:45 [Georgios Antoniou](#)
Restoration Study of late Ottoman Terzakis House in Nafplion ([abstract](#))

11:00 [Susanna Caccia Gherardini](#)
The Vasari Corridor of the Uffizi in Florence. New monitoring systems for sustainable restoration

11:50-12:20 Coffee break

LOCATION: [Conference Center Reception area](#)

12:20-13:50 Session 13: Technologies for Damage Rehabilitation and Sustainable Preservation

LOCATION: [Main Hall - Pericles Lytras Amphitheatre](#)

12:20 [Panagiota Natsi](#), [Andreas Tzachristas](#), [Varvara Sygouni](#), [Christakis Paraskeva](#) and [Petros Koutsoukos](#)
Protection coatings for stone monuments and artefacts of cultural heritage made of calcitic materials ([abstract](#))
PRESENTER: [Petros Koutsoukos](#)

12:35 [Eirini Tziviloglou](#), [Christos Stentoumis](#), [José Ignacio Álvarez](#), [Evangelos Stathopoulos](#), [Sotiris Diplaris](#), [Athanasios Sfetsos](#), [Diamando Vlachogiannis](#) and [Ioannis Karatasios](#)
Resilient and adaptive renovation of 20th century buildings towards net-zero carbon built heritage – The approach of the SINCERE research project ([abstract](#))
PRESENTER: [Eirini Tziviloglou](#)

12:50 [Styliani Katsikoglou](#), [Dimitra Aslanidou](#) and [Ioannis Karapanagiotis](#)
Hydrophobization of limestone using fluorinated and TEOS-based polymers ([abstract](#))
PRESENTER: [Ioannis Karapanagiotis](#)

13:05 [Graziella Bernardo](#), [Cristina Rinaldi](#) and [Antonella Guida](#)
Restoration of rising damp in the Sassi of Matera through the use of innovative technologies ([abstract](#))
PRESENTER: [Graziella Bernardo](#)

13:50-14:20 Light snack lunch

LOCATION: [Conference Center Reception area](#)

14:20-15:20 Session 14: Methodologies for Characterization and Damage Assessment

LOCATION: [Main Hall - Pericles Lytras Amphitheatre](#)

14:20 [Angeliki Stasinou](#), [Konstantinos Choulis](#), [Markos Dendrinis](#), [Athena-Georgia Alexopoulou](#), [Ioannis Kokkonas](#) and [Ioannis Stoyannidis](#)
The Database of notarial bindings- a tool for the study of historical binding structures and their condition ([abstract](#))
PRESENTER: [Angeliki Stasinou](#)

14:35 [Stefano Perilli](#), [Yinuo Ding](#), [Hai Zhang](#) and [Stefano Sfarra](#)
Numerical evaluation of thermal load applied by magnetic induction and solar loading aimed at experimental analyses using thermographic techniques ([abstract](#))
PRESENTER: [Stefano Sfarra](#)

14:50 [Wei-Shiang Lin](#), [Stefano Sfarra](#) and [Yuan Yao](#)
Study of Indoor Air Quality Impact During Building Demolition: A Case Study of the 2009 L'Aquila Earthquake Reconstruction ([abstract](#))
PRESENTER: [Stefano Sfarra](#)

15:20-15:50 Closing ceremony

LOCATION: [Main Hall - Pericles Lytras Amphitheatre](#)

17:00-19:00 Visit including tour at the National Archaeological Museum of Athens - Katerina Kostanti, Archaeologist

The [National Archaeological Museum of Athens](#) is the largest archaeological museum in Greece and one of the most important museums in the world devoted to ancient Greek art. It was founded at the end of the 19th century to house and protect antiquities from all over Greece, thus displaying their historical, cultural and artistic value.

The tour of the museum will be conducted by the archaeologist Katerina Kostanti.