

ASSOCIATION FOR THE STUDY OF MARBLE  
AND OTHER STONES OF ANTIQUITY

# ASMOSIA XIV

14<sup>TH</sup> INTERNATIONAL CONFERENCE

## PRELIMINARY PROGRAMME

ASMOSIA XIV



15–20 SEPTEMBER 2025 | LJUBLJANA

## GENERAL SCHEDULE AND VENUES

Monday, 15th Sept. 2025	Tuesday, 16th Sept. 2025	Wednesday, 17th Sept. 2025	Thursday, 18th Sept. 2025	Friday, 19th Sept. 2025	Saturday, 20th Sept. 2025
<p><b>8.00-9.00</b></p> <p>Conference check-in</p> <p><b>9.00-12.50</b></p> <p>Welcome addresses and oral presentations</p> <p><b>14.30-18.00</b></p> <p>Oral presentations</p> <p><b>Location:</b></p> <p>Faculty of Law, Poljanski nasip 2, Ljubljana (red hall)</p> <p><b>19.00</b></p> <p>Welcome reception</p> <p><b>Location:</b></p> <p>City Museum of Ljubljana, Gosposka ulica 15, Ljubljana</p>	<p><b>9.00-12.50</b></p> <p>Oral presentations</p> <p><b>14.30-16.00</b></p> <p>Poster session A</p> <p><b>16.00-17.40</b></p> <p>Oral presentations</p> <p><b>Location:</b></p> <p>Faculty of Law, Poljanski nasip 2, Ljubljana (red hall)</p>	<p><b>9.00-12.50</b></p> <p>Oral presentations</p> <p><b>Location:</b></p> <p>Faculty of Law, Poljanski nasip 2, Ljubljana (red hall)</p> <p><b>14.30</b></p> <p>Tour of your choice:</p> <p>a) Archaeological tour of Ljubljana (3 h) (Meeting point: City Museum of Ljubljana, Gosposka ulica 15, Ljubljana)</p> <p>b) Geological tour of Ljubljana (1.30 h) (Meeting point: Prešernov Trg under the monument to France Prešeren, Ljubljana)</p> <p>c) Visit of the Restoration Centre (1.30 h) (Meeting point: Faculty of Law, Poljanski nasip 2, Ljubljana)</p> <p>d) Visit of the exposition Baroque in Slovenia in the National Museum of Slovenia (1.30 h) (Meeting point: Muzejska 1, Ljubljana)</p> <p>e) Trip with fee (30 € per participant) to Podpeč and MorostIg (5 h) (Meeting point: Breg 1, Ljubljana)</p>	<p><b>9.00-12.50</b></p> <p>Oral presentations</p> <p><b>14.30-16.00</b></p> <p>Poster session B</p> <p><b>16.00-18.20</b></p> <p>Oral presentations</p> <p><b>Location:</b></p> <p>Faculty of Law, Poljanski nasip 2, Ljubljana (red hall)</p> <p><b>19.30</b></p> <p>Conference dinner (50 € per participant)</p> <p><b>Location:</b></p> <p>Restaurant Gostilna Sokol, Ciril Metodov trg 18, Ljubljana)</p>	<p><b>9.00-12.50</b></p> <p>Oral presentations</p> <p><b>14.30-16.10</b></p> <p>Oral presentations</p> <p><b>16.40-19.00</b></p> <p>ASMOSIA Membership Meeting and Awarding Norman Herz Student Poster Prizes, Closing of the conference</p> <p><b>Location:</b></p> <p>Faculty of Law, Poljanski nasip 2, Ljubljana (red hall)</p>	<p><b>8.00-20.00</b></p> <p>Full day excursion to Šempeter, Celje, Vitanje, Hudinja, Črešnjevce with included lunch (80 € per participant)</p> <p><b>Meeting point:</b></p> <p>Ilirska ulica drop-off and pick-up point, Ilirska ulica 2, Ljubljana</p>

# PRELIMINARY CONFERENCE PROGRAMME

**Monday, 15th September 2025**

**8.00-9.00 CONFERENCE CHECK-IN**

**9.00-9.20 WELCOME ADDRESSES**

**Session 1 | »Applications to Specific Archaeological Questions – Use of Marble«**

**Chair: Yannis Maniatis**

- 9.20-9.40** Trinidad Nogales Basarrate, Pilar Lapuente Mercadal, Nova Barrero Martín  
AUGUSTA EMERITA: RECEIVING AND DISSEMINATING CENTRE OF MARBLES IN LUSITANIA
- 9.40-10.00** Gil Vilarinho  
ARTEFACTS, SITES AND LANDSCAPES: EXPLORING THE USE OF MARBLE IN WESTERN LUSITANIA (MODERN-DAY PORTUGAL) DURING THE ROMAN PERIOD
- 10.00-10.20** John Pollini  
RECONSIDERING THE 'TIBERIUS RELIEF': RECARVED OR NOT?
- 10.20-10.40** Maria Elena Gorrini, Eleonora Destefanis, Martina Corgnati, Luigi C. Schiavi, Dario Anelli, Fabrizio Antonelli  
PIERRES ERRANTES. STONE JOURNEYS FROM CLASSICAL ANTIQUITY TO MIDDLE AGES, FROM EASTERN MEDITERRANEAN TO THE ALPS
- 10.40-11.10 COFFEE BREAK**

**Session 2 | »Provenance Identification I: Marble«**

**Chair: Lorenzo Lazzarini**

- 11.10-11.30** Pilar Lapuente Mercadal, Trinidad Nogales Basarrate, José Miguel Noguera Celdrán, Isabel Rodà de Llanza  
GÖKTEPE MARBLE IN HISPANIA. STATE OF ART
- 11.30-11.50** Pilar Lapuente Mercadal, José Antonio Cuchí Oterino, Paula Uribe Agudo, Jorge Angás Pajas, José Ángel Asensio Esteban, Lara Iñiguez Berrozpe  
ORNAMENTAL LITHIC MATERIALS FROM THE ROMAN SITE OF EL FORAU DE LA TUTA (ARTIEDA, JACETANIA, ZARAGOZA, SPAIN)
- 11.50-12.10** Walter Prochaska, Vasiliki Anevlavi  
MARBLE QUARRIES IN THRACE (BULGARIA) FROM ARCHAIC TO ROMAN TIMES
- 12.10-12.30** Vasiliki Anevlavi, Walter Prochaska, Martin Steskal, Bielefeld  
FROM QUARRY TO NECROPOLIS: THE JOURNEY OF EPHESIAN SARCOPHAGI THROUGH WHITE MARBLE PROVENANCE STUDIES
- 12.30-12.50** Helena Tůmová, Aneta Kuchařová, Alena Černíková, Enrico Cirelli  
MARBLE ROUTES IN NORTHERN ITALY: PROVENANCE STUDIES OF LATE ANTIQUE RAVENNA AND CLASSE

12.50-14.30      **LUNCH BREAK**

**Session 4 | »Advances in Provenance Techniques, Methodologies and Databases«**

**Chair: Walter Prochaska, Vasiliki Anevlavi**

- 14.30-14.50      Ioannis Liritzis, Ion Andronache, Lluís Casas, Roberta Di Febo, Anna Anglisano  
NOVEL METHOD OF PROVENANCING ANCIENT MARBLES: FRACTAL AND COMPLEXITY MEASURES
- 14.50-15.10      Scott Pike, Spencer Chase, Heather Kitada Smalley  
GEOSPATIAL PATTERNS IN PENTELIC MARBLE AND THE PARTHENON: LINKING ISOTOPIC AND PETROGRAPHIC VARIABILITY TO GEOLOGY AND MARBLE USE
- 15.10-15.30      Simone Dilaria, Michele Secco, Jacopo Bonetto, Caterina Previato, Chiara Girotto, Milo Katerin Pilgrim, Luigi Germinario, Claudio Mazzoli  
NEW INSIGHTS ON ANCIENT QUARRYING OF VOLCANIC STONE MATERIALS AND POZZOLANS IN THE EUGANEAN MAGMATIC DISTRICT, NORTHERN ITALY
- 15.30-15.50      Balázs Székely, Judit Zöldföldi, Péter Hegedüs  
INTRODUCING OPEN SCIENCE SOLUTIONS IN PROVENANCE DETERMINATION OF WHITE MARBLES USING MULTIMETHOD TECHNIQUES
- 15.50-16.10      Natalia Toma, Donato Attanasio  
MARBLE SIGNATURES. A WEB-BASED TOOL FOR DETERMINING THE PROVENANCE OF WHITE MARBLE FROM ANTIQUITY
- 16.10-16.40      **COFFEE BREAK**

**Session 1 | »Applications to Specific Archaeological Questions – Use of Marble«**

**Chair: Natalia Toma**

- 16.40-17.00      Miguel Ángel Valero Tévar, Nelia Valverde Gascuña, Pilar Lapuente Mercadal, Isabel Rodà de Llanza  
THE MARMORA OF THE TRICLINIUM OF THE LATE ROMAN VILLA OF NOHEDA (CUENCA, SPAIN)
- 17.00-17.20      Laura Galán Palomares, Begoña Soler Huertas  
TOWARD A SYSTEMATIC OVERVIEW OF FUNCTIONAL MARBLE FURNISHINGS IN ROMAN HISPANIA
- 17.20-17.40      Marie-Claire Savin, Anna Gutiérrez Garcia-Moreno, Bertrand Dousteysier  
THE MARBLE DÉCOR OF THE TEMPLE OF MERCURY ON PUY-DE-DÔME (AUVERGNE, FRANCE): ANCIENT DISCOVERIES, NEW LENS
- 17.40-18.00      Paolo Cremisini, Marcello Turci, Fabrizio Antonelli  
MARBLE FRAGMENTS FROM THE SUBURBAN COMPLEX (IV, XVII 4) OF OSTIA (ITALY)
- 19.00              **WELCOME RECEPTION**  
City Museum of Ljubljana, Gosposka ulica 15, Ljubljana

**Tuesday, 16th September 2025**

**Session 8 | »Limestones and other rocks of the Alpine-Dinaric-Pannonian area: sources, extraction and use«**

**Chair: Katharina Zanier**

- 9.00-9.20 Daniela Matetić Poljak  
VIERBLATTKAPITELLE – IMPORTED MARBLE CAPITALS AND LOCAL SALONITAN PRODUCTION IN LIMESTONE
- 9.20-9.40 Rok Brajkovič, Petra Žvab Rožič, Boštjan Rožič, Adisa Lepić, Saša Čaval  
THE PROVENANCE OF STONE FROM A LATE ROMAN CHURCH IN MILAVIĆI, BOSNIA AND HERZEGOVINA
- 9.40-10.00 Katarina Bradić-Milinović, Divna Jovanović, Bojan Djurić, Igor Rižnar  
THE QUARRIES IN THE BELGRADE AREA AND THE ROMAN STONE MONUMENTS ALONG THE DANUBE FROM SINGIDUNUM TO VIMINACIUM (SERBIA)
- 10.00-10.20 Bojan Djurić, Katarina Bradić Milinović, Iva Ciglar, Igor Rižnar  
LIMESTONE AND ITS QUARRIES FOR COLONIA ULPIA TRAIANA POETOVIO (PTUJ, SLOVENIA)
- 10.20-10.40 Danica Mitrova, Rok Brajkovič, Matej Draksler  
INDICATIONS OF EARLY STONEMASONRY IN THE EASTERN SUBURBS OF COLONIA IULIA EMONA (LJUBLJANA, SLOVENIA)
- 10.40-11.10 **COFFEE BREAK**

**Session 1 | »Applications to Specific Archaeological Questions – Use of Marble«**

**Chair: Pilar Lapuente Mercadal**

- 11.10-11.30 Petya Andreeva  
MARBLE FOR THE GODS: NEW PERSPECTIVES ON MARBLE NETWORKS IN ROMAN THRACE FROM THE RECENTLY EXCAVATED SANCTUARY OF APOLLO NEAR AUGUSTA TRAIANA (BULGARIA)
- 11.30-11.50 Dimitra Andrianou, Vasiliki Anevlavi, Walter Prochaska, Lorenzo Lazzarini  
HELLENISTIC AND ROMAN FUNERARY RELIEFS FROM THE LOWER STRYMON VALLEY (GREECE) AND THE SOURCE OF THEIR MARBLES
- 11.50-12.10 Brian Martens  
THE SCULPTURAL USES OF COLORED STONES IN ROMAN ATHENS
- 12.10-12.30 Patrizio Pensabene  
CONTRIBUTION OF SOME UNFINISHED CORINTHIAN CAPITALS FROM ARCHAEOLOGICAL AREAS OF THE EASTERN MEDITERRANEAN TO RECONSTRUCT THE PRODUCTION METHODS
- 12.30-12.50 Jacopo Bonetto, Antonio Bianco  
SECTILIA FROM THE SANCTUARY OF APOLLO PYTHIOS IN GORTYN, CRETE
- 12.50-14.30 **LUNCH BREAK**
- 14.30-16.00 **POSTER SESSION A: SESSIONS 1, 4, 6 and 8, INCLUDING COFFEE**  
**(SEE POSTER LIST BELOW)**

Session 6 | »Stone Properties, Weathering Effects and Restoration« and Session 7 | »Pigments and Paintings on Marble«

Chair: Katja Marasović

- 16.00-16.20 Georg Plattner, Vasiliki Anevlavi, Walter Prochaska, Gabrielle Kremer, Robert Krickl, Robert Linke  
THE ROMAN SARCOPHAGUS FROM SIRMIIUM IN THE KUNSTHISTORISCHES MUSEUM VIENNA: MARBLE AND COLOUR
- 16.20-16.40 Eliana Siotto, Jasmina Davidović, Bojan Djurić  
UNVEILING ANCIENT POLYCHROMY IN PANNONIAN SARCOPHAGI FROM SIRMIIUM (SREMSKA MITROVICA, SERBIA). PRELIMINARY RESULTS
- 16.40-17.00 Alberto Conventi, Lorenzo Lazzarini  
POROSIMETRIC AND RELATED PETROGRAPHIC CHARACTERISTICS OF GREEK AND MICROASIATIC WHITE MARBLES USED IN ANTIQUITY
- 17.00-17.20 Ivan Jengiđ, Martina Ivanuđ  
ROMAN STELE FROM THE CATHEDRAL OF ST TERESA OF ÁVILA IN BJELOVAR (CROATIA)
- 17.20-17.40 Milica Ljaljević Grbić, Ivica Dimkić, Tamara Jankiev, Janez Kosel, Ćrtomir Tavzes, Slađana Popović, Aleksandar Knežević, Lea Legan, Klara Retko, Polonca Ropret, Nina Źbona, Nikola Unković  
METAGENOMIC ANALYSIS OF DETERIORATION SYMPTOMS ON THE LIMESTONE ROŹANEC MITHRAEUM MONUMENT, SLOVENIA

## Wednesday, 17th September 2025

Session 1 | »Applications to Specific Archaeological Questions – Use of Marble«

Chair: Simon Barker

- 9.00-9.20 Vilma Rupprienė, Michael Reinert, Victoria Monique Scharlau  
PRELIMINARY RESULTS ON THE INTERIOR DECOR OF THE BARBARA BATHS IN AUGUSTA TREVERORUM (TRIER, GERMANY)
- 9.20-9.40 Leonie Nolte, Vilma Rupprienė, Sebastian Ristow, Franziska Bartz, Michael Wiehen  
MARMORA FROM THE PRAETORIUM OF COLONIA CLAUDIA ARA AGRIPPINENSIIUM (COLOGNE, GERMANY)
- 9.40-10.00 Anita Polgár-Nyerges, Judit Zöldföldi, Bernadett Bajnóczy  
ARCHAEOOMETRIC APPROACH TO IDENTIFYING THE PROVENANCE OF MARBLE DECORATIVE ELEMENTS FOUND IN AQUINCUM (BUDAPEST, HUNGARY)
- 10.00-10.20 Cristina-Georgeta Alexandrescu, Irina Sodoleanu  
COLORED MARBLES FOR ANCIENT TOMIS (CONSTANŢA, ROMANIA)
- 10.20-10.40 Roberto Bugini, Luisa Folli, Zeliha Hale Tokay  
THE REUSE OF COLOURED MARBLES IN THE OTTOMAN ARCHITECTURE - THE BUILDINGS OF "MIMĀR SINĀN" (16TH CENTURY)
- 10.40-11.10 **COFFEE BREAK**

Session 5 | »Quarries and Geology: Quarrying Techniques, Organization, Transport of Stones, New Quarries, Stone Carving and Dressing, Hazards to and Preservation of Quarries«

Chair: Vilma Rupienne

- 11.10-11.20 Rebecca Levitan, Evan I. Levine, Jessica Paga, Jean Vanden Broeck-Parant, Rosie Campbell, Vasiliki Anevlavi  
NEW INSIGHTS ON THE ARCHAIC MARBLE QUARRIES OF NAXOS, GREECE: PROCESS, TRANSPORT, AND PROVENANCE
- 11.30-11.50 Jean Vanden Broeck-Parant, Vasiliki Anevlavi  
THE STONES OF ANCIENT ITANOS (CRETE): LOGISTICS AND SOCIO-ECONOMIC ASPECTS OF LOCAL QUARRYING
- 11.50-12.10 Angeliki Koukouvou  
ASOMATA (GREECE): A CASE STUDY IN ANCIENT QUARRYING: INSIGHTS, CHALLENGES, AND PERSPECTIVES
- 12.10-12.30 Manuela Wurch-Kozelj, Tony Kozelj  
THE ORGANISATION OF ANCIENT MARBLE QUARRYING IN THASOS (GREECE)
- 12.30-12.50 Frans Doperé, Bas Beaujean  
FROM LIMESTONE TO LANDMARK: RECONSTRUCTING ROMAN IMPERIAL WORKFLOWS OF QUARRYING, TRANSPORT AND CARVING IN THE TAURUS MOUNTAINS, SOUTH-WESTERN ANATOLIA
- 12.50-14.30 **LUNCH BREAK**
- 14.30- **TOUR OF YOUR CHOICE:**
- a) Archaeological tour of Ljubljana (3 h) (Meeting point: City Museum of Ljubljana, Gosposka ulica 15, Ljubljana)
  - b) Geological tour of Ljubljana (1.30 h) (Meeting point: Prešernov Trg under the monument to France Prešeren, Ljubljana)
  - c) Visit of the Restoration Centre (1.30 h) (Meeting point: Faculty of Law, Poljanski nasip 2, Ljubljana)
  - d) Visit of the exposition Baroque in Slovenia in the National Museum of Slovenia (1.30 h) (Meeting point: Muzejska 1, Ljubljana)
  - e) Trip with fee (30 € per participant) to Podpeč and MorostIg (5 h) (Meeting point: Breg 1, Ljubljana)

## Thursday, 18th September 2025

Session 1 | »Applications to Specific Archaeological Questions – Use of Marble«

Chair: Dimitra Andrianou

- 9.00-9.20 Fabiano Fiorello Di Bella  
MARBLE SCULPTURES IN MAGNA GRAECIA: STRATEGIES AND TECHNOLOGY
- 9.20-9.40 Alessandro Poggio, Lorenzo Lazzarini  
A HELLENISTIC RELIEF IN LUCCA (ITALY): ARCHAEOLOGICAL AND ARCHAEOLOGICAL DATA
- 9.40-10.00 John Herrmann, Eleonora Gasparini, Enrico Gallochio, Robert H. Tykot, Annewies van den Hoek  
DOLOMITIC MARBLE FROM THASOS IN THE CAMPI FLEGREI (BAY OF NAPLES, ITALY)

- 10.00-10.20 J. Clayton Fant  
AUGUSTUS AND THE OBELISKS
- 10.20-10.40 Simon J. Barker, J. Clayton Fant  
THE ENIGMA OF THE LATE ARRIVAL OF PORPHYRY AND MONS CLAUDIANUS TO ROME
- 10.40-11.10 **COFFEE BREAK**

**Session 5 | »Quarries and Geology: Quarrying Techniques, Organization, Transport of Stones, New Quarries, Stone Carving and Dressing, Hazards to and Preservation of Quarries«**

**Chair: Dagmara Wielgosz-Rondolino**

- 11.10-11.30 Christopher J. Lyes  
MISREADING THE RED STONE: A FRESH LOOK AT VITRUVIUS' RUBRIS LAPIDICINUS
- 11.30-11.50 Milorad Ostojić, Jesenko Hadžihasanović, Adnan Kaljanac  
NOVEL METHOD OF DOCUMENTATION OF ROMAN ERA QUARRIES BY USE OF LIDAR TECHNOLOGY
- 11.50-12.10 Radomir Ivanović  
THE DIMONCE ANDESITIC TUFF QUARRY AND ITS ROLE IN THE CONSTRUCTION OF GOLEMO GRADIŠTE, KONJUH (NORTH MACEDONIA)
- 12.10-12.30 Aurora Pețan  
A UNIQUE IRON TOOL FROM THE PRE-ROMAN LIMESTONE QUARRY AT MĂGURA CĂLANULUI, ROMANIA
- 12.30-12.50 Jure Krajšek, Rafko Urankar  
ROMAN MARBLE QUARRIES IN VICINITY OF VITANJE (SLOVENIA)
- 12.50-14.30 **LUNCH BREAK**
- 14.30-16.00 **POSTER SESSION B: SESSIONS 2, 3 and 5, INCLUDING COFFEE**  
**(SEE POSTER LIST BELOW)**

**Session 2 | »Provenance Identification I: Marble« and Session 5 | »Quarries and Geology: Quarrying Techniques, Organization, Transport of Stones, New Quarries, Stone Carving and Dressing, Hazards to and Preservation of Quarries«**

**Chair: Scott Pike**

- 16.00-16.20 Dagmara Wielgosz-Rondolino, Sara Mandera  
IDENTIFYING THE ORIGIN OF MARBLE ARTEFACTS FROM SYRIAN MUSEUMS
- 16.20-16.40 Irene Bald Romano, Béatrice Blandin, Vasiliki Anevlavi, Walter Prochaska  
MARBLE PROVENANCE OF THE CLASSICAL SCULPTURE COLLECTION OF LUDWIG POLLAK IN THE MUSÉE D'ART ET D'HISTOIRE, GENEVA
- 16.40-17.00 Nadežda Gavrilović Vitas, Vasiliki Anevlavi, Walter Prochaska  
MARBLE STATUES FROM CONSTANTINE THE GREAT'S IMPERIAL DOMAIN AT MEDIANA, NIŠ (SERBIA). THEIR INTERPRETATION AND THE RESULTS OF ANALYSIS
- 17.00-17.20 Ines Ferjan  
FROM QUARRY TO MARKET: TRACING THE ROMAN STATUARY PRODUCTION IN THE INLAND BALKANS



- 17.20-17.40 Snježana Miletić, Mirijam Vrabec, Bojan Djurić  
MARBLE, MOSAICS AND BUILDING STONES USED IN CELEIA (SLOVENIA)
- 17.40-18.00 Maha Bannour  
GEOARCHAEOLOGY OF ROMAN ANCIENT COASTAL QUARRIES AT BIZERTE  
(NORTHERN TUNISIA)
- 18.00-18.20 Yvan Maligorne, Chloé Damay  
EXTRACTION AND STONE CUTTING AT THUGGA-DOUGGA (TUNISIA):  
TRANSPPOSITION OF HARD ROCK PROCESSING TECHNIQUES TO LIMESTONE  
PROCESSING
- 19.30 **CONFERENCE DINNER (50 € per participant)**  
**Location: Ljubljana Restaurant Sokol in the City Centre**

## Friday, 19th September 2025

### Session 3 | »Provenance Identification II: Other Stones«

Chair: Anna Gutierrez Garcia-Moreno

- 9.00-9.20 Pierre Rochette, Valérie Andrieu, Rosolino Cirrincione, Francesco Cuteri, Patrizia Fiannacca, Andreas Hartmann-Virnich, Patrizia Macrì, Giuseppe Montana, Rosalda Punturo, Simona Raneri, Claudia Sciuto  
NICOTERA (CALABRIA, ITALY) GRANITE QUARRY AND ITS WIDE DIFFUSION
- 9.20-9.40 Atmane Lamali, Touatia Amraoui, Pierre Rochette, Lamine Hamai, Zoubir Chatti, Salah Eddine Bentridi, Nacer Merabet  
THE HEDJRET ENOUS GRANITOID IN NORTH-WESTERN ALGERIA: A MAJOR SOURCE OF SHAFTS AND BLOCKS FOR THE ANCIENT MONUMENTS OF TWO COASTAL CITIES IN MAURETANIA CAESARIENSIS: CAESAREA (CHERCHELL) AND TIPASA DEMONSTRATED BY NONDESTRUCTIVE INVESTIGATIONS
- 9.40-10.00 Jérôme André, Marilou de Vals, Tommy Vettor, Chloé Chezeaux  
FROM QUARRY TO CITY: TRACING BUILDING STONE PROVENANCE IN ANCIENT ERETRIA (GREECE)
- 10.00-10.20 Daniel P. Diffendale  
THE EXTRACTIVE LANDSCAPE OF THE CITY OF ROME IN ANTIQUITY AS SEEN ARCHAEOLOGICALLY AND GEOLOGICALLY
- 10.20-10.40 Esther Ontiveros Ortega, José Beltrán Fortes, María Luisa Loza, Antonio Monterroso Checa, Massimo Gasparini, Juan Carlos Moreno Escribano, Juan de Dios Borrego de la Paz, Daniel Becerra Fernández  
LOCATION AND CHARACTERISATION OF THE QUARRIES OF RODADERO DE LOS LOBOS - CORTIJO PIQUÍN (CORDOBA, SPAIN)
- 10.40-11.10 **COFFEE BREAK**

Session 1 | »Applications to Specific Archaeological Questions – Use of Marble« and Session 3 | »Provenance Identification II: Other Stones«

Chair: Robert H. Tykot

- 11.10-11.30 Victoria Scharlau, Constance von Rügen  
PROVENANCE STUDY ON OBSIDIAN FRAGMENTS FROM THE GRUTTI 'E ACQUA  
COMPLEX (SARDINIA)
- 11.30-11.50 Killian Regnier, Antoine Triantafyllou, Charlotte Langohr, Gilles Montagnac, Jean-Philippe Perrillat,  
Delphine Bosch  
A NON-DESTRUCTIVE MULTI-METHOD APPROACH TO THE ARCHAEOLOGICAL STUDY  
OF MINOAN SERPENTINITE VASES (BRONZE AGE CRETE, 2650-1450 BCE)
- 11.50-12.10 Tony Kozelj, Manuela Wurch-Kozelj  
THE QUARRIES OF THE ANCIENT CITYWALL IN THASOS (GREECE)
- 12.10-12.30 Khaled Al-Bashaireh  
MARBLE SOURCES AND USE FOR SCULPTURE IN JORDAN DURING THE ROMAN AND  
BYZANTINE PERIOD
- 12.30-12.50 Allison B. Kidd  
IMPERIAL PATRONAGE AND DISTRIBUTION MODELS FOR THE LATE ANTIQUE  
MARBLE TRADE REVISITED
- 12.50-14.30 **LUNCH BREAK**

Session 3 | »Provenance Identification II: Other Stones«

Chair: Bojan Djurić

- 14.30-14.50 Jacopo Bonetto, Caterina Previato, Simone Dilaria, Eliana Bridi, Chiara Girotto, Claudio Mazzoli  
THE EXPLOITATION OF STONE RESOURCES OF NORTH-EASTERN ITALY AND THEIR  
USE IN THE ROMAN AGE
- 14.50-15.10 Katarina Šprem, Davor Bulić, Candace M. Rice, Andrew McLean  
MICROPETROGRAPHY AS A TOOL FOR PROVENANCE ANALYSIS: A CASE STUDY IN  
ROMAN ISTRIA (CROATIA)
- 15.10-15.30 Michael Reinert, Vilma Ruppinié  
EXCLUSIVE USE OF FLUORITE IN INCRUSTATION ART OF VILLA FROITZHEIM,  
GERMANY
- 15.30-15.50 Hristo Preshlenov, Nikolay Gospodinov  
THE STONE-MARBLE FACE OF DEULTUM (BULGARIA)
- 15.50-16.10 Haim Mamalya, Dror Segal, Yossi Stefanski  
THE STONE QUARRIES IN THE NORTHWEST OF THE SEA OF GALILEE (ISRAEL) AND  
THEIR ASSOCIATION TO THE ARCHAEOLOGICAL SITES
- 16.10-16.40 **COFFEE BREAK**
- 16.40-18.30 **ASMOSIA Membership Meeting**
- 18.30-19.00 **Awarding Norman Herz Student Poster Prizes & closing of the conference**

## Saturday, 20th September 2025

**8.00-20.00** Full day excursion to Šempeter, Celje, Vitanje, Hudinja, Črešnjevec with included lunch (80 € per participant)

**Meeting point:**

Ilirska ulica drop-off and pick-up point, Ilirska ulica 2, Ljubljana

POSTER LIST

Poster session A (Tuesday, 16th September 2025, 14.30-16.00)

SESSIONS 1, 4, 6 and 8

ID	Authors	TITLE	Norman Herz Student Poster Prizes
A1_01	Khaled Al-Bashaireh	IDENTIFICATION OF LESBOS MARBLE IN ABILA (NORTH JORDAN) WITH SOME CONSIDERATIONS ON ITS PRESENCE IN JORDAN	
A1_02	Cristina-Georgeta Alexandrescu	(MARBLE) TRACES OF THE MUNICIPIUM TROESMENSIMUM (TURCOAIA, ROMANIA)	
A1_03	Javier Atienza Fuente	INDEPENDENT MARBLE MOULDED ELEMENTS FROM THE DECORATIVE PROGRAM OF THE FRIGIDARIUM OF THE MONUMENTAL THERMAL COMPLEX OF <i>VALERIA</i> (CUENCA, SPAIN)	
A1_04	Daniel Becerra Fernández, Valentina Purpura	NOTES ON THE CLASSICAL SPOLIA OF PALERMO (SICILY, ITALY)	
A1_05	Roberto Bugini, Luisa Folli	THE USE OF AMETHYST IN DECORATION OF ALTARS: EXAMPLES FROM MILAN AND OTHER ITALIAN TOWNS (17TH – 18TH CENTURIES)	
A1_06	Laura Galán Palomares	THE MARBLE REVETMENTS IN THE THERMAL SPACES IN THE <i>HISPANIA CITERIOR PROVINCE</i> : COLOUR AND AESTHETICS	Yes
A1_07	Virginia García-Entero, Irene Mañas Romero	MARBLE TABLEWARE IN LATE ROMAN HISPANIA. FIRST APPROACH TO ITS STUDY	
A1_08	John Herrmann	NORTHERN GREEK WORKMANSHIP IN A DOLOMITIC MARBLE SCULPTURE IN THE MUSEI CAPITOLINI, ROME	
A1_09	John Herrmann	A THASIAN DOLOMITIC MARBLE ROMAN PORTRAIT FROM THE SANCTUARY OF ESHMUN, SIDON, LEBANON	
A1_10	Tjaša Levec	OPUS SECTILE FROM THE THERMAL COMPLEX TERME TAURINE IN CIVITAVECCHIA (ITALY)	Yes
A1_11	Beatrice Marchet	IMPORTED MARMORA IN THE ARCHITECTURE OF THE ROMAN <i>VENETIA ET HISTRIA</i> (NORTH-EASTERN ITALY): SELECTIONS AND SOLUTIONS OF USE BETWEEN 1ST CENTURY BC AND 4TH CENTURY AD	Yes
A1_12	James Page, Garney Farney, Candace Rice, Tyler Franconi, Dylan Bloy	THE EARLY IMPERIAL MARBLE ASSEMBLAGE OF THE VACONE VILLA BATHHOUSE, LAZIO, ITALY	
A1_13	Diego Peirano	MARBLE MADE MEASUREMENT TOOLS FROM CARIAN IASOS (TURKEY)	

<b>A1_14</b>	Simona Perna, Marie-Claire Savin, Owain Morris	THE MARBLE ARTEFACTS FROM AGIOS GEORGIOS, GREVENA (WESTERN MACEDONIA, GREECE): PROVENANCE, CARVING AND USES	
<b>A1_15</b>	George Pinkerton	PORPHYROGENITURE AND THE PORPHYRA: A LOST ROMAN PORPHYRY MONUMENT OF CONSTANTINOPLE OR A BYZANTINISTS' MISUNDERSTANDING?	
<b>A1_16</b>	Michael Reinert, Vilma Ruppené	INCRUSTATIONS IN ROMAN VILLAS IN THE RHINE AND MOSELLE REGION	
<b>A1_17</b>	Julio C. Ruiz	<i>GLIALLO ANTICO</i> FROM CHEMTOU AS A SCULPTURAL MATERIAL: THE CASE OF THE IBERIAN PENINSULA	
<b>A1_18</b>	TaI Vrečko Cindrić, Katharina Zanier	OPUS SECTILE AND OTHER DECORATION ELEMENTS FROM THE THERMAL COMPLEX OF INSULA XXXIX IN ROMAN EMONA (LJUBLJANA, SLOVENIA): PRELIMINARY CONSIDERATIONS	
<b>A1_19</b>	Maja Zeman, Suzana Damiani	THE MARBLE WASTE AT THE EARLY MEDIEVAL CONSTRUCTION SITE OF THE DUBROVNIK CATHEDRAL (CROATIA). INNOVATION IN THE RECYCLING PRACTICE?	
<b>A4_1</b>	Lorenzo Lazzarini, Alessandro Poggio, Silvia Gazzoli, Elena Pontelli	TWENTY YEARS OF «MARMORA»: FOSTERING MARBLE STUDIES	
<b>A4_2</b>	Edisa Lozić	GENII PROJECT (J6-4609): REVOLUTIONIZING ROMAN STONE RESEARCH THROUGH EOLITH DATABASE INTEGRATION	
<b>A4_3</b>	Walter Prochaska, Vasiliki Anevlavi	WANDERER BETWEEN THE WORLDS – LIMESTONE OR MARBLE	
<b>A6_1</b>	Janez Kosel, Nejc Tomšič, Mojca Mlakar, Nina Žbona, Polonca Ropret	MICROBIOLOGICAL AND GENETIC EVALUATION OF THE DETERIORATION SYMPTOMS ON THE SPECTATIUS FAMILY TOMB - THE LARGEST MONUMENT OF THE ROMAN NECROPOLIS IN ŠEMPETER, SLOVENIA	
<b>A6_2</b>	Aleksandra Nestorović, Nina Mertik, Sabina Dolenc, Ana Brunčič, Janez Kosel, Nina Žbona	CHALLENGES IN EXAMINATION AND CONSERVATION-RESTORATION OF A ROMAN MARBLE SEPULCHRAL STELA: THE ORPHEUS MONUMENT IN PTUJ, SLOVENIA	
<b>A6_3</b>	Jiřina Přikrylová, Richard Přikryl, Martin Racek, Irena Kučerová	POLYCHROMY VS. DECAY SURFACE LAYERS ON OPUKA STONE – THE PROMINENT NATURAL STONE VARIETY USED IN MEDIEVAL ARTWORK IN CENTRAL EUROPE	
<b>A6_4</b>	Madara Rasiņa, Jiřina Přikrylová, Richard Přikryl, Martin Racek	EXPLORING POLYCHROMY'S DECORATIVE AND PROTECTIVE FUNCTIONS ON DOLOSTONE IN LATVIA'S MEDIEVAL AND BAROQUE ARCHITECTURE	
<b>A6_5</b>	Nina Žbona, Saša Stržinar Sterle, Sabina Dolenc, Špela Govže, Maja Gutman Levstik	ANCIENT OUTDOOR MONUMENTS IN SLOVENIA: CURRENT STATE AND PERSPECTIVES	
<b>A8_1</b>	Mateja Golež, Viktor Kmetec, Rok Vežočník	EVALUATION OF THE EXTRACTION OF PODPEČ LIMESTONE FROM THE PODPEČ QUARRY (SLOVENIA) FROM THE ROMAN PERIOD TO THE CLOSURE OF THE QUARRY	

<b>A8_2</b>	Luca Scalco, Claudio Mazzoli, Chiara Giroto, Monica Salvadori, Caterina Previato	NEW DATA ON ROMAN STELAE FROM AQUILEIA (ITALY)	
<b>A8_3</b>	Katharina Zanier, Rok Brajkovič	CONSIDERATIONS ON THE STONE SUPPLY IN THE ROMAN MUNICIPIUM OF NEVIODUNUM (DRNOVO, SLOVENIA)	

## Poster session B (Thursday, 18th September 2025, 14.30-16.00)

### SESSIONS 2, 3 and 5

<b>ID</b>	<b>Authors</b>	<b>TITLE</b>	<b>Norman Herz Student Poster Prizes</b>
<b>B2_01</b>	Vasiliki Anevlavi, Walter Prochaska, Petya Andreeva, Dimcho Momchilov, Miroslav Klasnakov	THE WHITE MARBLE INVENTORY OF ROMAN AQUAE CALIDAE (BURGAS, BULGARIA) ON THE BLACK SEA COAST: ARCHAEOLOGICAL PROVENANCE RESULTS	
<b>B2_02</b>	Chiara Cenati, Vasiliki Anevlavi, Walter Prochaska	MARBLE PROVENANCE OF A ROMAN FUNERARY VERSE INSCRIPTION FROM TIBISCUM (ROMANIA)	
<b>B2_03</b>	Murat Dirican, Vasiliki Anevlavi, Walter Prochaska, Süleyman Atalay, Gül Işın	PROVENANCE STUDY OF MARBLE USED IN ROMAN SCULPTURES FROM PERGE, TURKEY	
<b>B2_04</b>	Eleonora Gasparini, Enrico Gallochio, John Herrmann, Robert H. Tykot, Annewies van den Hoek	ARCHITECTURAL MARBLES IN THE CAMPI FLEGREI (BAY OF NAPLES, ITALY): PROVENANCE IDENTIFICATION WITH ISOTOPIC AND PORTABLE X-RAY FLUORESCENCE ANALYSIS	
<b>B2_05</b>	Isabelle Pianet, Graziella Tendron, Laura Barataud, Marie-Claire Savin	USE AND ORIGIN OF WHITE MARBLES IN ROMAN AQUITAINE	
<b>B2_06</b>	Judit Zöldföldi, Helena Tumova, Enrico Cirelli, Balázs Székely	PROVENANCE OF MARBLE FROM NORTHERN ITALY AND ISTRIA (CROATIA) AS EVIDENCE OF INTERCONNECTIONS BETWEEN EAST AND WEST IN LATE ANTIQUITY	
<b>B3_01</b>	Georgia Delli, Anastasia Christophilopoulou	TRACING THE ORIGIN OF COPTIC LIMESTONE RELIEFS IN THE MUSEUM OF FINE ARTS IN BOSTON. THE QUESTION OF QUARRIES.	
<b>B3_02</b>	Sabina Dolenc, Judita Lux, Bernarda Županek, Snježana Miletić, Maja Gutman Levstik, Katharina Zanier, Andrej Šmuc	PROVENANCE OF BLACK AND WHITE TESSERAEE FROM SELECTED ROMAN MOSAICS IN SLOVENIA	

<b>B3_03</b>	Sabina Dolenc, Bernarda Županek, Luka Križanič, Doroteja Muhić, Matej Dolenc, Andrej Šmuc	ROMAN QUERNSTONES FROM EMONA (LJUBLJANA, SLOVENIA): PETROGRAPHIC AND GEOCHEMICAL CHARACTERISTICS	
<b>B3_04</b>	Maja Gutman Levstik, Matevž Novak, Bernarda Županek, Jelka Kuret, Matej Dolenc, Sabina Dolenc	DECORATIVE AGGREGATE IN OPUS SIGNINUM PAVEMENTS FROM ROMAN EMONA (LJUBLJANA, SLOVENIA)	
<b>B3_05</b>	Thomas Heide, Christian Soder	STONE FOR MOGONTIACUM (MAINZ, GERMANY). STUDIES ON THE REGIONAL PROVENANCE OF SANDSTONE IN GERMANIA SUPERIOR	
<b>B3_06</b>	Štěpán Jaroměřský, Richard Příklad, Martin Racek, Adam Culka, Filip Košek, Ivana Novotná	SILICA-RICH SEMIPRECIOUS STONES IN PIETRA DURA TECHNIQUE: LINKING VISUAL AND COMPOSITIONAL VARIABILITY TO PROVENANCE ANALYSIS	<b>Yes</b>
<b>B3_07</b>	María Luisa Loza, José Beltrán Fortes, Esther Ontiveros, Juan de Dios Borrego de la Paz; Daniel Becerra Fernández	THE LIMESTONE OF RODADERO DE LOS LOBOS - CORTIJO PIQUÍN (CÓRDOBA, SPAIN): USES AND DISPERSION IN ROMAN TIMES	
<b>B3_08</b>	Richard Příklad, Madara Rasina, Martin Racek, Aneta Kuchařová, Jakub Trubač, Daniela Řimnáčová	DEVELOPMENT OF THE METHODOLOGY FOR PROVENANCE DETERMINATION OF DOLOSTONES USED IN MEDIEVAL ARTWORKS IN THE EASTERN BALTIC	
<b>B3_09</b>	Gioele Rossi, Marco Giamello	MINERALOGICAL-PETROGRAPHIC STUDY OF THE 'BRECCIA FRUTTICOLOSA' AND ITS DIASPORA IN EUROPE	<b>Yes</b>
<b>B3_10</b>	Julio C. Ruiz	LOCAL STONE RESOURCES OF TARRACO (TARRAGONA, SPAIN) IN THE SCULPTURAL RECORD (I): MIOCENE BIOCALCARENITES	
<b>B3_11</b>	Julio C. Ruiz	LOCAL STONE RESOURCES OF TARRACO (TARRAGONA, SPAIN) IN THE SCULPTURAL RECORD (II): CRETACIC LIMESTONES	
<b>B3_12</b>	Petra Šajna, Maja Gutman Levstik, Judita Lux, Manca Vinazza, Martin Šala, Mirijam Vrabec, Sabina Dolenc	UNVEILING ANCIENT HANDCRAFT: IDENTIFYING AND SOURCING CARBONATE INCLUSIONS IN ARCHAEOLOGICAL MATERIALS	<b>Yes</b>
<b>B3_13</b>	Robert H. Tykot	PREHISTORIC OBSIDIAN USE IN THE NORTHERN ADRIATIC: ITALY, CROATIA, AND SLOVENIA?	
<b>B5_01</b>	Simon J. Barker, Ben Russell	BEASTS OF BURDEN: ANIMAL LABOUR IN THE STONE TRADE	
<b>B5_02</b>	Ines Ferjan	MAPPING MARBLE: GIS INSIGHTS INTO WHITE MARBLE IMPORT NETWORKS IN SOUTHERN PANNONIA DURING THE ROMAN PERIOD	<b>Yes</b>

<b>B5_03</b>	Thorsten Jakobitsch, Vasiliki Anevlavi	MODERN FLORAS OF ANCIENT QUARRIES	
<b>B5_04</b>	Stephan Karl, Astrid Stollnberger, Raimund Kastler	SCHAIDBERG MARBLE – A BY-PRODUCT OF THE SEVERAN ROAD CONSTRUCTION OVER THE RADSTÄDTER TAUERN (AUSTRIA)	
<b>B5_05</b>	Josiah Olah, Michele Secco, Cristiano Miele, Filippo Carraro, Simone Dilaria, Jacopo Turchetto	UNVEILING QUARRYING PRACTICES IN THE EUGANEAN HILLS, ITALY: INSIGHTS FROM UAV LIDAR AND GIS ANALYSIS	<b>Yes</b>
<b>B5_06</b>	Caterina Previato, Emanuela Faresin, Alessandro Mazzariol	THE ANCIENT STONE QUARRIES OF POPULONIA (PIOMBINO, ITALY): EXPLOITATION DYNAMICS AND QUARRYING TECHNIQUES AT LE GROTTA SITE	
<b>B5_07</b>	Caterina Previato, Paolo Kirschner, Jacopo Bonetto, Arturo Zara	A GIS FOR MAPPING AND STUDYING THE EXPLOITATION AND USE OF THE STONE RESOURCES OF THE REGIO X – VENETIA ET HISTRIA	
<b>B5_08</b>	Pierre Rochette, Valérie Andrieu, Patrizia Macri, Jérôme Gattacceca, Eric Ferré, Simona Raneri	ALGAJOLA GRANITE QUARRY IN NORTH-WESTERN CORSICA: EVIDENCE FOR ITS USE AND DIFFUSION PRIOR TO THE MODERN PERIOD	
<b>B5_09</b>	Ben Russell, Simon J. Barker	SIZE MATTERS: MEASURING MARBLE IN ANTIQUITY AND LATER	
<b>B5_10</b>	Dror Segal	A LOOK AT THE WORK AND OPERATION OF THE STONE QUARRIES, FROM A SOCIAL AND HUMAN SOCIOLOGICAL ANGLE	