



ASMOSIA XIII

19-24 SEPTEMBER 2022 | VIENNA

ASSOCIATION FOR THE STUDY OF MARBLE AND OTHER STONES OF ANTIQUITY

# ASMOSIA XIII

**13<sup>TH</sup> INTERNATIONAL CONFERENCE**

## PROGRAMME

KUNST  
HISTORISCHES  
MUSEUM  
WIEN

ÖAW

AUSTRIAN  
ACADEMY OF  
SCIENCES



Austrian  
Archaeological  
Institute

**MONDAY | 19<sup>TH</sup> SEPTEMBER**

8.00 – 9.00 Registration  
9.00 – 9.30 Welcome Addresses

**Session 1 | »Applications to Specific Archaeological Questions – Use of Marble«****Chair: Yannis Maniatis**

9.30 – 9.50 **John J. Herrmann Jr. –Donato Attanasio – Annewies van den Hoek**  
*Exportation of Prefabricated Statues from Thasos*

9.50 – 10.10 **Kenneth Sheedy –Scott Pike**  
*The Delos Colossus Project 2019*

10.10 – 10.30 **Tommaso Ismaelli –Giorgio Sobrà**  
*Spolia in the Basilica of St Paul Outside the Walls: provenance and restorations*

10.30 – 10.50 **Dror Segal**  
*The Usage Of Marble At Hamat Gader (Gadara Thermae) In Israel*

**10.50 – 11.20 COFFEE BREAK****Chair: Annewies van den Hoek**

11.20 – 11.40 **Alessandro Mortera –Francesca Caprioli –Patrizio Pensabene**  
*Coloured marbles of the Imperial Palace on the Palatine Hill: research insights*

11.40 – 12.00 **Eleonora Ferrazza –Matthias Bruno**  
*The Pavonazzetto-like Marbles and the images of Barbarians: a statue of an Easterner in Beyler Breccia from Rome*

12.00 – 12.20 **Michael Teichmann**  
*Distribution Patterns of Marble Finds in Southern Coastal Latium (Italy)*

12.20 – 12.40 **Rita Scognamiglio**  
*A Cache of Marbles for Resale and Reuse Found at Oplontis B*

**12.40 – 14.20 LUNCH BREAK****Session 4 | »Advances in Provenance Techniques, Methodologies and Databases«****Chair: Donato Attanasio**

14.20 – 14.40 **Pierre Rochette –Jean-Paul Ambrosi –Marion Defrance –Pierre Deschamps – Jerome Gattacceca –Abel Guihou –Jacques Planchon –Claudia Sciuto**  
*Solving ambiguities among coarse grained grey granite in non-destructive sourcing techniques applied to antiquity*

14.40 – 15.00 **Rok Brajkovič – Petra Žvab Rožič–Bojan Djurić –Bernarda Županek – Blanka Cvetko Tešovič–Katarína Holcová –Luka Gale**  
*Stratigraphic database for the determination of provenance of limestone used in Colonia Iulia Emona (Regio X, Italia)*



- 15.00 – 15.20 **Vasiliki Anevlavi –Walter Prochaska**  
*Ancient white marble quarries in the Eastern Aegean*
- 15.20 – 15.40 **Walter Prochaska**  
*A databank for the provenance analysis of ancient marbles*
- 15.40 – 16.00 **Dagmara Wielgosz-Rondolino–Fabrizio Antonelli –Maciej Bojanowski –  
Patrick Degryse–Marcin Gładki –Mehmet Cemal Göncüoğlu – Lorenzo  
Lazzarini–Leah Long –Sara Mandera**  
*A multi-method approach to the archaeometric study of Ephesian marbles*

**16.00 – 16.40 COFFEE BREAK**

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

**Chair: Scott Pike**

- 16.40 – 17.00 **Chiara Cenati –Vasiliki Anevlavi –Walter Prochaska**  
*Inscriptions and their marble(s): some examples from Roman Corinth*
- 17.00 – 17.20 **Donato Attanasio –Matthias Bruno –Walter Prochaska –Ali Bahadır  
Yavuz**  
*Archaeometric identification of Rosso Antico from Cape Tainaron (Peloponnesos)  
and red marbles from Caria (Asia Minor).*
- 17.20 – 17.40 **Yannis Maniatis –Dimitris Tambakopoulos –Brian Martens**  
*White Marbles from Asia Minor at Roman Athens: New Provenance Identification  
Research on Figural Sculptures from the Agora*
- 17.40 – 18.00 **Olga Palagia –Yannis Maniatis**  
*The marble provenance of the pedimental sculptures of the temple of Athena Alea  
at Tegea*

**19.30 WELCOME RECEPTION**

Aula of the Austrian Academy of Sciences | Doktor-Ignaz-Seipel-Platz 2 |  
1010 Vienna

**TUESDAY | 20<sup>TH</sup> SEPTEMBER**

**Session 8 | »Production and trade of marble and other stones in the Alpine and Danube  
provinces – regional resources and Mediterranean imports«**

**Chair: Sabine Ladstätter**

- 9.00 – 9.20 **Marija Buzov**  
*The Ancient Quarries in Pannonia*
- 9.20 – 9.40 **Christina-Georgeta Alexandrescu –Albert Baltres**  
*Roman Stone Monuments from Northern Dobrudja (Romania) – Petrological  
Characterization and Provenance Determination in a Historical Context*
- 9.40 – 10.00 **Bojan Djurić –Slavica Filipović –Sándor Kele –Igor Rižnar**



*Marble and other stones in colonia Aelia Mursa (Osijek, HR) – regional resources and Mediterranean imports*

10.00 – 10.20 **Zdravko Dimitrov**  
*The Marble Production in Ratiaria*

10.20 – 10.40 **Hrvoje Vulic –Bojan Djurić**  
*Early Christian complex Kamenica (Vinkovci, HR) – An island of stone in the sea of clay*

**10.40 – 11.10 COFFEE BREAK**

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

**Chair: Fabrizio Antonelli**

11.10 – 11.30 **Roland Dreesen –Wim De Clercq**  
*Decorative stone trading and fluvial transport reflected by the lithological spectrum of the Nehalennia votive altars (Zeeland, The Netherlands)*

11.30 – 11.50 **Laureline Pop –Chloé Chezeaux**  
*Stone and sculpture in Eretria: Between local exploitation and importation*

11.50 – 12.10 **Robert H. Tykot –Andrea Vianello**  
*Prehistoric Obsidian Trade to Northeastern-Most Italy*

12.10 – 12.30 **Daniel Diffendale –Fabrizio Marra**  
*Archaeometric approaches to volcanic tuff in Rome. The recent work of the QUADRATA Project*

12.30 – 12.50 **Jana Puhar**  
*Mosaic as opus sectile: imitation of coloured marbles on the Neviodunum (Drnovo, SI) mosaic pavement*

**12.50 – 14.30 LUNCH BREAK**

**14.30 – 16.00 POSTER SESSION A (SESSIONS 1, 2, AND 8) INCLUDING COFFEE**

### Session 2 and 6 | »Provenance Identification I: Marble« and »Stone Properties, Weathering Effects and Restoration«

**Chair: Vilma Ruppinié**

16.00 – 16.20 **Montserrat Claveria**  
*Marble and patina analysis for the interpretation of sculptures from antiquarian collections. A set of the Museu d'Arqueologia de Catalunya (Barcelona) and the Museo Nacional del Prado (Madrid)*

16.20 – 16.40 **Annewies van den Hoek –John J. Herrmann Jr.– Robert H. Tykot**  
*Marble at Setif (Setifis) and Djemila (Cuicul), Algeria: identifications with pXRF and isotopes of carbon and oxygen*

16.40 – 17.00 **María Pilar Lapuente Mercadal –Trinidad Nogales- Basarrate**  
*The Lusitanian Estremoz Anticline, the main marble source in the Western Roman Empire*



- 17.00 – 17.20 **José Antonio Cuchí Oterino–María Pilar Lapuente Mercadal – Francesc Tuset Bertran– Anna Gutiérrez Garcia-M.**  
*Geological provenance of roman building and ornamental stones used in the Colonia Clunia Sulpicia (Hispania Tarraconensis)*
- 17.20 – 17.40 **Marie-Claire Savin –María Pilar Lapuente Mercadal – Anna Gutiérrez Garcia-M.– Isabelle Pianet – Silvia González Soutelo–Mauro Brillì**  
*Exploitation and use of marble in Galicia from Roman times to the completion of the Romanesque Cathedral of Santiago de Compostela (1st-13th centuries A.D.)*
- 17.40 – 18.00 **Fabrizio Antonelli –Alessandro Poggio –Stefano Cancelliere**  
*Marmora Pompeiana: Archaeometric Analyses of Artefacts in the Forum Granaries*
- 19.30 RECEPTION AT THE INVITATION OF THE MAYOR OF VIENNA**  
Vienna City Hall | Lichtenfelsgasse 2, Feststiege 1 | 1010 Vienna

## WEDNESDAY | 21<sup>ST</sup> SEPTEMBER

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

Chair: Lorenzo Lazzarini

- 9.00 – 9.20 **Sophie Insulander**  
*The use of Prokonnesian Marble in the architecture of Imperial Ephesos – an archaeological evaluation*
- 9.20 – 9.40 **Diego Peirano –Ferti Berti**  
*Iasos red cipollino slabs: from use in coating to their pictorial imitation*
- 9.40 – 10.00 **Tony Kozelj – Manuela Wurch-Kozelj**  
*When Architectural Pieces are talking ... a new restitution of the »Ara Pacis«*
- 10.00 – 10.20 **Daniela Matetić Poljak– Katja Marasović**  
*Incompleteness and imperfection of architectural decoration in Diocletian's Palace in Split*
- 10.20 – 10.40 **Natalia Toma**  
*Against the trend. Marble dynamics in Roman in Roman Imperial Miletus*

### 10.40 – 11.20 COFFEE BREAK

### Session 1 and 7 | »Applications to Specific Archaeological Questions – Use of Marble« and »Pigments and Paintings on Marble«

Chair: Olga Palagia | Pamela Fragnoli

- 11-20 – 11-40 **Julio C. Ruiz**  
*Roman Marble Statues from Tarraco (Hispania citerior): Imports and Local Production*
- 11-40 – 12-00 **Diego Romero Vera– Daniel Becerra Fernández**



*Spolia Nabrissensia: an approximation to the Roman marmora reused in the church of Santa María de la Oliva (Lebrija, Sevilla, Spain)*

12:00 – 12:20

**Raphael Rosenberg**

*Book-matching: Why and since when are marble slabs laid symmetrically?*

12:20 – 12:40

**Agneta Freccero**

*Reflections on marble and paint*

12:40 – 13:00

**Patricia A. Butz**

*Encaustic painting on marble statuary: Hard evidence from the group of Boston 00.348 column krater (MMA 50.11.4)*

**13.00 – 14.30**

**LUNCH BREAK**

**15.00**

**VIENNA TOURS**

## THURSDAY | 22<sup>ND</sup> SEPTEMBER

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

Chair: Robert H. Tykot

9.00 – 9.20

**Mirja Jarak –Ana Maričić –Ante Jurčević**

*Stone Provenance of the Antique and Medieval Monuments from the Selected Sites in Dalmatia*

9.20 – 9.40

**Vilma Ruppene –Walter Prochaska**

*Trade with Mediterranean marmora in the Roman Northwest: The provenance of architectural elements in Augusta Treverorum (Trier, Germany)*

9.40 – 10.00

**Elisavet Mantzana –Eleni Zimi –Ioannis Iliopoulos –Nikolaos Zacharias**

*The stone tesserae from the Roman mosaic floors of Ancient Messene. First results on materials identification and provenance*

10.00 – 10.20

**Felat Dursun –Fatma Meral Halifeoğlu**

*Provenance and petrophysical characterization of an ancient Roman stone bridge: Perpira Bridge*

10.20 – 10.40

**Lorenzo Lazzarini**

*A first minero-petrographic and isotopic characterisation of marmor numidicum (Giallo Antico)*

**10.40 – 11.20**

**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: Vasiliki Anevlavi

11.20 – 11.40

**Eirene Poupaki**



*The exploration of new ancient quarries in Dodecanese and the use of the extracted stones*

11.40 – 12.00 **Katarina Šprem –Robert Matijašić**

*Roman Limestone Quarries in Istria, Croatia - A Growing Reference Database*

12.00 – 12.20 **Manuela Wurch-Kozelj– Tony Kozelj**

*The extraction techniques of sculptures, Thassos (Greece)*

**12:20 – 14:00 LUNCH BREAK**

**14.00 – 15.30 POSTER SESSION B (SESSIONS 3, 4, 5, AND 6) INCLUDING COFFEE**

**Chair: Katja Marasović**

15.30 – 15.50 **Patrizio Pensabene–Isabel Rodà –Javier Domingo –Eleonora Gasparini**

*Alexandria Troas. The port and the role of the city in the distribution of granite shafts*

15.50 – 16.10 **Simona Perna**

*Technology, tradition and innovation of Classical Greek and Hellenistic Stone Vases*

16.10 – 16.30 **J. Clayton Fant**

*Augustus in the Desert*

16.30 – 16.50 **Simon Barker –J. Clayton Fant**

*Egyptian stones in the décor of Vesuvian cities (1st c. AD)*

16.50 – 17.10 **Frans Doperé**

*Stone Carving Chronology at Hellenistic and Roman Imperial Sagalassos (South-Western Anatolia)*

17.10 – 17.30 **Nadine Mattielli – Sébastien Clerbois – Antoine Triantafyllou –  
Catherine Coquelet – Nicolas Paridaens – Nicolas Authom – Gaël  
Brkojewitsch – Henry-Louis Guillaume – Arnaud Schenkel**

*The Roman granite quarries of the Lavezzi archipelago (Southern Corsica, France)*

**Chair: Georg Plattner**

18.00 – 19.15 »Donnerstagabend im Museum« (Public Lectures)

**Irene Bald Romano**

*Review paper: ASMOSIA at 34 years: the trajectory of research on ancient stone and its relevance to art-historical questions*

**Christopher J. Lyes**

*Theorising ancient quarrying: How far have we come?*

**20.00 CONFERENCE DINNER**

Restaurant Melker Stiftskeller | Schottengasse 3 | 1010 Vienna

**FRIDAY | 23<sup>RD</sup> SEPTEMBER****Session 2 and 6 | »Provenance Identification I: Marble« and »Stone Properties, Weathering Effects and Restoration«****Chair: Natalia Toma | María Pilar Lapuente Mercadal**

- 9.00 – 9.20      **Anna Gutiérrez García-M. – Isabelle Pianet – Marie-Claire Savin – Nicolas Frerebeau – José Antonio Cuchí Oterino– María Pilar Lapuente Mercadal**  
*The Augustean Trophy of Saint-Bertrand-de-Comminges. A New Archaeometric Study*
- 9.20 – 9.40      **Judit Zöldföldi – Yuanqi Cao – Heinrich Taubald – Kristof Csorba – Balazs Szekely**  
*Characterizations Of The Famous Antique White Marble Quarries Of Quyang And Fanshang In China*
- 9.40 – 10.00     **Ameur Younes**  
*Marbles of the Roman public baths at Thapsus*
- 10.00 – 10.20    **Georg Plattner – Walter Prochaska**  
*Marble for the Gods – The Architecture of the Sanctuary of Samothrace from the Austrian Expeditions*
- 10.20 – 10.40    **George Pinkerton**  
*The Porphyry Obelisk: a Roman monument of Constantinople*

**10.40 – 11.20      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: Bojan Djurić**

- 11.20 – 11.40     **Scott Pike – Kenneth Sheedy – Elena Familetto**  
*A first report of the white marble from the Sangri Valley in southern Naxos*
- 11.40 – 12.00     **Erich Draganits**  
*Quarries on Despotikó and Tsimítiri islands (Cyclades, Greece): expedient exploitation of local resources*
- 12.00 – 12.20     **Vera Hofmann**  
*The Artemision and the marble quarries in the Kaystros-valley: sources and problems*
- 12.20 – 12.40     **Haim Mamalya – Isaac A. Meir**  
*The Stone Quarries which produces the Building Stone to construct the Roman-Byzantine Oboda (Avdat), The Negev Highlands, Israel*

**12.40 – 14.10      LUNCH BREAK**





**Session 8 | »Special Theme Session »Production and trade of marble and other stones in the Alpine and Danube provinces – regional resources and Mediterranean imports«**

**Chair: Walter Prochaska**

- 14.10 – 14.30     **Hristo Preshlenov**  
*Building stone materials in Deultum-Develt (quarry, lithostratigraphy, composition)*
- 14.30 – 14.50     **Andreja Krašna**  
*Use of Aurisina limestone in the territory of Slovenia (Regio X)*
- 14.50 – 15.10     **Sabine Ladstätter – Vasiliki Anevlavi – Walter Prochaska**  
*Not always a question of distance! Marble provenance studies on Roman statues in Noricum*
- 15.10 – 15.30     **Maria Elena Gorrini**  
*Go West! Sarcophagi between Ravenna and Western Cisalpine: the case of Piedmont*
- 15.30 – 16.00     COFFEE BREAK**
- 16.00 – 17.00     ASMOSIA Membership Meeting
- 17.00-17.30     Awarding Norman Herz Student Poster Prizes & closing of the conference

**SATURDAY | 24<sup>TH</sup> SEPTEMBER**

Full day excursion to the Roman City of Carnuntum on the Danube limes



## POSTER LIST

Poster Session A (Sessions 1, 2, and 8)			
Tuesday, 20/09/22			
ID	Authors	Title	Norman Herz Student Poster Prizes
A01	Agneta Freccero	Reflections on white marbles at Labraunda	
A02	Roberto Bugini; Luisa Folli	Late use of coloured marbles in Italy (1860–1920)	
A03	Emmanouil Anevlavis; Vasiliki Anevlavi; Aikaterini Panagiotopoulou	Kouro-stories: an educational program about the marble Kouroi of Naxos Island, Greece	YES
A04	Javier Atienza Fuente	Typological study of the molded marble slabs as part of the wall decoration of the frigidarium in the monumental thermal complex of Valeria (Cuenca, Spain)	YES
A05	Miguel Cisneros; Esperanza Ortiz; Juan Paz	Fossiliferous ornamental rocks imitated in glass in Antiquity	
A06	J. Clayton Fant; Leah Long; Lynley McAlpine	Roman Decorative Stone Collections in the Kelsey Museum of Archaeology	
A07	John J. Herrmann Jr.; Julia E. Cox; Annewies van den Hoek	Euromos Marble (Greco Dislocato): assemblages in Minturno, Emilia-Romagna, Cyprus, and Tyre	
A08	Albert Kollar	The Échaillon and Hauteville dimension stones in World Architecture	
A09	Courtney Ward; Simon Barker	Managing bands: carving and aesthetic choices in the use of Proconnesian marble during the Roman and Late Antique periods	
A10	Marie-Claire Savin; Andrea Collado Padilla	The symbolic destruction of the statues: How to investigate the staging of this final use?	
A11	Raúl Aranda González	The marmor in the writings of Isidoro of Seville	
A12	Esther Ontiveros Ortega; José Beltrán Fortes; María Luisa Loza Azuaga; Daniel Becerra Fernández	Archaeometrical study of the marmora from Vetus Vrbs of Italica (Santiponce, Sevilla, Spain): the sphere of the hill of San Antonio, the theatre and the Iseum	
A13	Robert H. Tykot; John J. Herrmann, Jr.;	A Roman Doric portico of Naxian marble at Alexandria Troas	



	Annewies van den Hoek		
<b>A14</b>	Mark Abbe; Scott Pike; Remko Jansonius	The Historic Collection of ancient Roman Sculpture at Vizcaya, Miami: archaeological description and marble characterization	
<b>A15</b>	Tommy Vettor; Violaine Sautter; Laurent Jolivet; Jean-Charles Moretti; Sylvain Pont	Marble provenance study in Delos Island architecture	
<b>A16</b>	Vincent Barbin; Rémy Chapoulie; John J. Herrmann Jr.; Aleksander Minchev; Brigitte Spiteri; Vasil Tenekdjiev; Annewies van den Hoek	Cathodoluminescence of Thasian calcitic marble architectural decoration of Byzantine times in Varna, Bulgaria	
<b>A17</b>	Cristina-Georgeta Alexandrescu; Walter Prochaska; Irina Sodoleanu	The Marble decorations of the mosaic floored building in Tomi/Constanța (Romania): Preliminary studies	
<b>A18</b>	Dagmara Wielgosz-Rondolino	Marmora orientalia. Marble objects from the Syrian museums	
<b>A19</b>	Khaled Al-Bashaireh	Provenance investigation of two newly excavated marble sculptures from the Roman baths, Amman, Jordan	
<b>A20</b>	Murat Dirican; Vasiliki Anevlavi; Walter Prochaska; Sabine Ladstätter; Burçin Erdoğan; Özlem Çevik	In the light of new data, provenance analysis of Late Neolithic/Early Chalcolithic (6–5th Mill. BCE) small marble artefacts from Ulucak Höyük and Uğurlu Höyük, West Anatolia, Turkey	
<b>A21</b>	Maurizio Castoldi	Local green marbles in Augusta Praetoria (Aosta, Northern Italy)	
<b>A22</b>	Erich Draganits; Beatrix Moshammer; Michael Doneus; Gabrielle Kremer	Geoarchaeological prospection of quarries in the Hinterland of Vindobona and Carnuntum (Austria)	
<b>A23</b>	Kalina Petkova	A foreigner in Moesia: an alabaster boxer head from Novae	
<b>A24</b>	Petya Andreeva	Artisans and local marble workshops in Roman Thrace	
<b>A25</b>	Bojan Djurić; Igor Rižnar; Edisa Lozić; Katharina Zanier; Walter Prochaska	The Pohorje marble quarry complex Šmartno/Frajhajm (Slovenia)	



<b>A26</b>	Cristina-Georgeta Alexandrescu; Viorica Rusu-Bolindeț	Marble finds from the Palace of the Consular Governor of the Three Daciae (praetorium consularis) at Apulum (Alba Iulia, Romania): provenance, use and reuse	
<b>A27</b>	Beatrice Marchet; Jacopo Bonetto	Regio X – Venetia et Histria between Mediterranean and Alps. Imported lithotypes used in the Roman Theatre of Vicenza (Veneto, Italy)	
<b>A28</b>	Anita Polgár-Nyerges	Marble and Other Stone Decorations from the Collection of the Budapest History Museum – Aquincum Museum	
<b>A29</b>	Dominik Hagmann	Rocky mountains: new insights into the intra- and supra-regional organization of the economy of stones in northern Noricum	
<b>A30</b>	Vasiliki Anevlavi; Walter Prochaska; Sabine Ladstätter; Petya Andreeva; Hristo Popov	Marble trade between the borders of Roman Macedonia and Thrace: the case study of the Regional History Museum Blagoevgrad	<b>YES</b>
<b>A31</b>	Stephan Karl; Edisa Lozić; Walter Prochaska	A new Roman marble quarry zone in the Eastern Alps: Treffen/Alt-Treffen	
<b>A32</b>	Judit Zöldföldi; Cristina-Georgeta Alexandrescu; Heinrich Taubald	The use of marble for cultic and votive sculpture in urban and rural settlements of Moesia Inferior (1st – 4th cent. BCE)	
<b>A33</b>	Plamen Georgiev; Walter Prochaska; Ivan Ivanov; Vasiliki Anevlavi; Gergana Kabakchieva; Sabine Ladstätter; Hristo Popov; Benjamin Frerix	Searching for the marble sources of Roman Thrace. The multidisciplinary approach in the case of the Ivaylovgrad region	



<b>Poster Session B (Sessions 3, 4, 5, and 6)</b>			
<b>Thursday, 22/09/22</b>			
<b>B36</b>	Adalberto Ottati; Maria Serena Vinci	The architectural reuse of ancient marble in St Catald Cathedral, Taranto (Apulia, Italy): a preliminary analysis	
<b>B37</b>	Adalberto Ottati	The ›restoration‹ of the marble columns in the construction site economy of the imperial residences: the cases of Hadrian's Villa and Trajan's Villa in Arcinazzo (Italy)	
<b>B38</b>	Pierre Rochette; Touatia Amraoui; Valérie Andrieu; Alain Badie; Philippe Borgard; Andreas Hartmann-Virnich; Marc Panneau; Jacques Planchon	Systematic sourcing of granite shafts from Gallia Narbonensis and comparison with other western Mediterranean areas	
<b>B39</b>	Simone Dilaria; Caterina Previato; Jacopo Bonetto; Michele Secco; Domenico Miriello; Donatella Barca	Trading Pulvis Puteolana West. First evidence of the use of Campanian pyroclastic materials in Middle Imperial Nora (Sardinia, Italy)	
<b>B40</b>	Roland Dreesen; Catherine Coquelet; Vilma Ruppene; Eric Goemaere	Red, grey and green marbles in the Civitates Tungrorum and Nerviorum: local and regional resources versus Mediterranean supplies	
<b>B41</b>	Roland Dreesen PhD; Eric Goemaere; Gabrielle Kremer; Christine Ruppert	A peculiar ornamental stone in the Civitas Treverorum used in funerary monuments and the Antique theatre of Dalheim (Grand Duchy of Luxembourg)	
<b>B42</b>	Christopher J. Lyes	Grotta Oscura or Tufo Giallo della Via Tiberina: a case of throwing the baby out with the bathwater?	<b>YES</b>
<b>B43</b>	Simona Perna; Laura Galán Palomares ; Begoña Soler Huertas; Anna Gutiérrez-García Moreno	›Greco scritto‹ marble types in public- and semi-public buildings on the eastern coast of Hispania Tarraconensis (1st – 2nd c. CE)	
<b>B44</b>	Georgia Delli; Wioletta Tenczar; Vasiliki Anevlavi	Macroscopic observations of the coloured stones of the bishopric church in Pythagoreion (Samos) – A contribution to the monument study	<b>YES</b>
<b>B45</b>	Diana Gorostidi Pi; Isabel Rodà de Llanza; Pilar Lapuente	The Aeso marmor (Isona, Lleida) as epigraphic media: news from new trends in epigraphic and archaeometric research	



	Mercadal; Anna Gutiérrez Garcia-M.; Hugo Feliu Pérez		
<b>B46</b>	Diana Gorostidi Pi; Isabel Rodà de Llanza; Andrea Collado Padilla	The use of Alcover stone in Roman times (Tarraco, Hispania Citerior). Contributions to the officina lapidaria Tarraconensis (II): evidence of early supplies of epigraphic materials beyond the city of Tarraco	
<b>B47</b>	Julia E. Cox; John J. Herrmann Jr.; Annewies van den Hoek	Column shafts from Hippo Regius: quality selection and eastern exportation	
<b>B48</b>	Sabrina Violante; Paola Quaranta	Zoomorphic sculptures in Alabaster Fiorito from the Palatine in Rome	
<b>B49</b>	Simona Perna; Fabrizio Antonelli PhD; Lorenzo Lazzarini PhD	Archaeometric study of the Greco Scritto marble slabs from the Edificio dei Triclinii at Murecine (Pompeii, Italy)	
<b>B50</b>	Simona Perna; Simon Barker	Real, painted or both? A contextual analysis of the alabaster decoration in the Villa of the Mysteries (Pompeii)	
<b>B51</b>	Vilma Ruppene; Johannes Lipps	Variety and provenance of stones used in the forum buildings of Meninx (Djerba, Tunisia)	
<b>B52</b>	Murat Dirican; Murat Karakoç; Hasan Can Gemici; Çiğdem Atakuman	Characterising obsidian artefacts with using Portable XRF from the 1960s excavations of Neolithic settlement Süberde, Central Anatolia	
<b>B53</b>	Marilou de Vals; Isabelle Moretti	Plio-quaternary facies employed as building materials in ancient Greece: preliminary classification of the <math>\rho\acute{\rho}\omicron\varsigma</math> of the Gulf of Corinth	<b>YES</b>
<b>B54</b>	Thorsten Jakobitsch	Lichenometric dating of rock surfaces in ancient quarries – A review and a case study	<b>YES</b>
<b>B55</b>	Alkiviadis Sideridis; Vasiliki Anevlavi; Christoph Hauzenberger; Petros Koutsovitis; Anastasia Aggelopoulou	Tinos' lost ancient serpentinite quarry (Cyclades, Greece): an interdisciplinary approach	
<b>B56</b>	Ariadni Ilioglou	Photogrammetry applied to stone artefacts: methodology, constraints and objectives	
<b>B57</b>	Natalia Toma	Topography and isotopic signature(s). Challenges of characterising the Milesian marble	



<b>B58</b>	Sara Manderà; Bogusław Bagiński; Maciej J. Bojanowski; Mehmet Cemal Göncüoğlu; Dagmara Wielgosz-Rondolino	An updated database of white and grey Prokonnesian marbles: petrography, cathodoluminescence and isotopes	<b>YES</b>
<b>B59</b>	Lilli Zabrana	The Sanctuary of Artemis as Beneficiary of the Exploitation of the Ephesian Marble Quarries?	
<b>B60</b>	Daniel Morleghem	A little-known sarcophagi quarry from Late Antiquity and the Early Middle Ages in Berry (Sancerre, Cher, France)	
<b>B61</b>	Simona Perna	Porphyry and other hard stone vases from the Early Imperial Period	
<b>B62</b>	Paul Bayer; Stephan Karl	Analysis of quarrying traces – the potential of 3D documentation	
<b>B63</b>	Simon Barker; Ben Russell	Comparative sources for quarry logistics, workforces and operational costs and their implications for Antiquity	
<b>B64</b>	Benjamin Frerix	Transport and logistics of white marble in Thrace. Analysis of the marble landscape in the 1st – 3rd century CE	<b>YES</b>
<b>B65</b>	Christopher J. Lyes	Tor Cervara and the Tufo Quarries of the Mid-Aniene Valley, Rome	<b>YES</b>
<b>B66</b>	Fabiano Fiorello Di Bella	The Baiae casts once again: Technique of casting	
<b>B67</b>	Sabrina Violante	Quarry inscriptions from the Roman Forum and the Palatine in Rome	
<b>B68</b>	Juan Antonio Antolinos Marín; Begoña Soler Huertas	Sandstone quarries from the Hellenistic period in the south-east of the Iberian Peninsula. Archaeological finds in the area of Qart-Hadast/Carthago Nova	
<b>B69</b>	Miquel Ramon Martí; Juan Antonio Marín; Begoña Soler Huertas	The historical quarries of Buixcarró limestone in l'Enova (Valencia). Evolutionary analysis of extractive and transformative techniques	
<b>B70</b>	Aurora Pețan	Lost in the forest and found by LiDAR: the pre-Roman limestone quarry at Măgura Călanului (Romania)	
<b>B71</b>	Elisa Boccalon; Morena Nocchetti; Monica Pica; Aldo Romani; Katja Sterflinger	Hydrogels loaded with silver nanoparticles and essential oils: a new solution for cleaning biodeteriorated marble	
<b>B72</b>	Dimitris Mitsos; Vasiliki Kantarelou; Eleni Palamara; Andreas Germanos Karydas;	Ancient marble in urban atmosphere: unveiling the air pollution impact on the Library of Hadrian in Athens, Greece	<b>YES</b>



	Nikolaos Zacharias; Evangelos Gerasopoulos		
<b>B73</b>	Simona Diciara; Giorgio Sobrà; Silvestro Antonio Ruffolo; Francesco Mauro La Russa; Luciana Festa	The protection of archaeological heritage in the outdoor environment: studying the effectiveness of anti-graffiti products	<b>YES</b>