

**POSTER SESSION I (from 14:05 to 16:35)**

- *Ceramics, glazes, glass and vitreous materials (technology and provenance)*
- *Stone, plaster and pigments (technology and provenance)*
- *Micro / nano diagnostics and ancient technology special theme session for Siena*

Program

**CERAMICS, GLAZES, GLASS AND VITREOUS MATERIALS (Technology and Provenance)**

82. Abed-Esfahani, A., Hollakooei, P. - The practical observation of the formation of luster decorations on ancient Islamic glazes
83. Agostini, L., Rosini, M., Pallecchi, P. - New archaeometric analyses of the ceramic complex of Ripabianca di Monterado site, Ancona
84. Alawneh, F., Béarat, H.A. - Continuity and change of ceramic technology in Late Byzantine-Early Islamic Transjordan
85. Amato, F., Fabbri, B., Gualtieri, S., Gawronski, J., Jaspers, N. - Looking for the provenance of some samples of compendiario majolica found in archaeological excavation carried out in the centre of Amsterdam
86. Angelini, I., Nicola, C., Artioli, G., De Marinis, R., Rapi, M., Ubaldi, M. - Chemical, mineralogical and textural characterization of the Early Iron Age vitreous materials from the Golasecca Culture (northern Italy)
87. Arletti, R., Vezzalini, G., Mazzeo, L., Gamberini, A. - Roman and late Roman windows glass from three Italian sites: chemical and morphological data in comparison
88. Bacci, M., Picollo, M., Radicati, B., Grassi, N., Mandò, P.A., Adembri, B. - A study of ancient Roman glass from Villa Adriana by using fiber optic and nuclear spectroscopic techniques
89. Barone, G., Belfiore, C.M., Mazzoleni, P., Pezzino, A., Tigano, G. - The Sicilian production of low-CaO amphorae: archaeometric analyses and comparison with local raw materials
90. Bersani, D., Sodo, A., Botti, A., Ricci, M.A., Lottici, P.P., Virgenti, S., Ospitali, F., Catarsi, M. - Multi-disciplinary investigation of pottery from Parma (Italy)
91. Boileau, M.-C., D'Agata, A.L., Whitley, J. - Continuity and change in pottery production in central Crete in the aftermath of the Late Bronze Age collapse
92. Bong, W.S.K., Matsumura, K., Nakai, I. - Technological investigation of the early and middle bronze age pottery from Kaman - Kalehöyük, Turkey
93. Boschetti, C., Leonelli, C., Corradi, A., Veronesi, P., Macchiarola, M., Bertoncetto, R., Sada, C. - Where did they come from? A new strategy for the study of Hellenistic emblemata mosaics from Italy
94. Braekmans, D., Neyt, B., Degryse, P. - Identification and provenancing of regional ceramic fabrics in Pisidia (SW Turkey) during the Iron Age and the Late Roman Period. A contribution to socio-economic patterns of exchange
95. Burgio, L., Martin, G., Higgot, S., Cosentino, L., Brunetti, B.G., Miliani, C., Cartechini, L., Sgamellotti, A. - In-situ study of Renaissance lusterwares through a multi-technique non-invasive approach
96. Cau Ontiveros, M.A., Montana, G., Polito, A.M., Tsantini, E. - Ethnoarchaeometric study of the cooking ware production centre of Pabillonis (Sardinia): investigating raw materials and final products

97. Cavallo, G., Moresi, M. - Materials, technology and provenance of ancient ceiling tiles from the ceramic district in Riva San Vitale (South Switzerland)
98. Chung, H., Victoria, A., Lee, I. - Evidences for of volcanic glass in Slate Ware
99. Cicuttini, B., Ben Amara, A., Bechtel, F. - An investigation of the ceramic technology of two-colour tiles of "Prince Noir" castle (Bordeaux, 13<sup>th</sup>-14<sup>th</sup> centuries AD)
100. Cicuttini, B., Ben Amara, A., Bechtel, F., - Medieval floor tiles from castles of Blanquefort and Villandraut (13<sup>th</sup>- 14<sup>th</sup> centuries): aspects of the production and manufacturing techniques
101. Comodi, P., Nazzareni, S., Petrelli, M., Bergamini, M. - A Laser-ablation ICP-MS analysis of roman moulds and poiçon from Scoppieto (Terni, Italy)
102. Da Silva De Campos, P., García Giménez, R. Fuentes, A., Sanchez De Prado, M.D. - Glasses from two rural settlements in the coastal East Spain
103. Dararutana, P., Sirikulrat, N., Wathanakul, P. - Ancient Thai Glass
104. De Francesco, A.M., Luppino, S., Altamura, V., Bocci, M. - First results of the archaeometric study on the kiln products of the archaeological site of Castiglione di Paludi (Cosenza) in Calabria, Italy
105. De La Fuente, G.A. - Ceramic Manufacturing and Forming Techniques in the Late Period (ca. AD 900 - AD 1200) at Abaucán valley: an approach through Industrial X-ray radiography and Ceramic Petrology (Dept. of Tinogasta, Province of Catamarca, Northwestern Argentine region)
106. De La Fuente, G.A., Èppis, M.R., Bianchi, L. - TXRF of Archaeological Ceramics: preliminary report on provenance studies of Aguada Portezuelo ceramic style (ca. AD 600 - AD 900) (Catamarca valley, Province of Catamarca, Northwestern Argentine region)
107. Degryse, P., Schneider, J., Lauwers, V. - Pliny the Elder and Sr-Nd radiogenic isotopes: provenance determination of the mineral raw materials for Roman glass production
108. Di Leo, P., Giammatteo, T., Beneduce, P., Osanna, M. - The IV-III century BC pottery from the archaeological site of Satriano di Lucania: technological features *versus* cultural characteristics.
109. Dias, M.I., Figueiredo, M.O., Prudêncio, M.I., Silva, T., Veiga, J.P., Matos, M.A., Pais, A.M. - Materials and pigments from Portuguese Faience in the XVII-1st half of the XVIII century
110. Dikomitou, M. - Marki Alonia under the microscope. In search of ceramic technology and provenance, at a Cypriot prehistoric village
111. Dúzs, K., Friedel, O. - Experimental approach to prehistoric pottery - Case study from Vörs
112. Eramo, G. - The refractory materials of the glassworks of Roches (Switzerland, 19<sup>th</sup> century): distinguishing between grog and chamotte
113. Eramo, G., Capitani, G., De Benedetto, G. - Silica polymorphs characterization in pre-industrial silica-alumina refractories and their technological meaning: preliminary results
114. García Giménez, R., Aliaga Almela, R., Ríos Mendoza, P. - Analithic methods applicated to research about bell beaker pottery from the Calcolithic site of Camino De Las Yeseras (Madrid, Spain)
115. Gedzevičiūtė, V., Welter, N., Schüssler, U. - Fragments of Roman Mosaic and Millefiori glass of the Martin von Wagner Museum in Würzburg, Germany: archaeological and archaeometrical investigations
116. Giannetta, M., Maritan, L., Mazzoli, C., Hausleiter, A. - Archaeometrical study of pottery from Tayma (Saudi Arabia)
117. Gimeno, D., Garcia-Valles, M., Fernandez-Turiel, J.L., Bazzocchi, F., Aulinas, M., Tarozzi, C., Riccardi, M.P., Messiga, B., Basso, E., Fortina, C., Mendera, M. - Deciphering colour recipes of the stained glass from the rose window, Siena duomo (Italy), made up at 1288 under Duccio di Buoninsegna masterwork design
118. Gligor, M., Varvara, S., Gualtieri, S., Fabbri, B. - Neolithic pottery from Alba Iulia - "Lumea Noua" archaeological site in Transylvania (Romania): composition and technological aspects
119. Gliozzo, E., Origlia, F., Turchiano, M., Leone, D., Turbanti Memmi, I., Volpe, G. - Coarse ware for cooking and painted tableware in northern Apulia (Italy)
120. Guevara Muñoz, M.E., Charlton, T. - Petrographic Studies of Teotihuacan Period Ceramics from Rural Sites: Source Materials and Craft production
121. Hoeck, V., Ionescu, C. - The advantages and limitations of EMPA applied for archaeoceramics
122. Ige, A., Rehren, Th., Lankton, J. - Chemical composition of glass beads from grave yards and shrines in Ile-Ife, southern Nigeria

123. Igea Romera, J., Lapuente, P., Saiz, M.E., Burillo, F., Pérez-Arantegui, J., Fanlo Loras, J. - Methodology approach applied to characterize Celtiberian pottery productions from Central Iberian Chain (Spain)
124. Iliopoulos, I., Cau Ontiveros, M.A., Montana, G. - Application of Cathodoluminescence microscopy for the provenance of some Late Roman Cooking Wares from the Balearic Islands (Spain)
125. Iñáñez, J.G., Speakman, R.J., Bishop, R.L., Blackman, J. - Technological features of colonial glazed pottery from el Convento de Santo Domingo (Antigua, Guatemala). Similarities and differences between Colonial and Spanish pottery
126. Ionescu, C., Hoeck, V. - Composition and fabric of ancient ceramics: a mineralogical-petrographical perspective
127. Issi, A., Kara, A., Okyar, F., Sivas, T., Sivas, H. - Characterisation of Hellenistic period West Slope Wares from Dorylaion (Turkey)
128. Jackson, C., Price, J. - First century glass compositions and glass provenance
129. Jackson, C., Smedley, J. - Plant ashes and seasonality. The implications for our understanding of compositional patterns in archaeological glasses
130. Jones, R., Brunelli, D., Levi, S.T., Fragnoli, P., Williams, J. - The Aeolian archipelago: the inter-island pottery network
131. Kaparou, M., Mastrotheodoros, G., Oikonomou, D., Kalliga, K., Zacharias, N., Aravantinos, V., Papadaki, A. - Mycenaean Pottery from Thebes, Central Greece: A technological and Provenance Study
132. Kasztovszky, Z., Kunicki-Goldfinger, J. - Applicability of Prompt Gamma Activation analysis to glass archaeometry
133. Kato, N., Nakai, I., Shindo, Y. - New investigation of trace elements for the Islamic glass-weights and stamps using a high-sensitive XRF method—compared with excavated glass vessels in Raya, Egypt
134. Kiriati, E., Georgakopoulou, M., Pentedeka, A., Gauss, W., Klebinder-Gauss, G., Iliopoulos, Y. - Analytical categories vs. potters' concepts: In search of meaning in ceramic variability
135. Kirk, S., Shortland, A., Eremin, K., Armstrong, J. - Technological and compositional differences between Late Bronze Age Egyptian and Near Eastern glasses: further analytical work from Nuzi
136. Kýmýzý, B., Demirci, Ş., Türkmenoğlu, A.G., Bakırer, Ö. - A study on 13<sup>th</sup> century ceramics from Akşehir in Turkey
137. Kleyman, J., Brackett, C., McMahan, D. - Exploring Russian-American trade through comparison of chemical XRF signatures of glass from colonial Russian sites in Alaska and the Tal'tsinka Factory in central Siberia
138. Kocsonya, A., Váradi, A., Fórizs, I., Kovács, I., Szókefalvi-Nagy, Z. - Colourants and their provenance of a late medieval glass goblet found in Eger (Hungary)
139. Kulkova, M.A., Yushkova, M. - The features of pottery manufacture during period of Bronze Age -Early Iron Age in the North-Western Russia
140. Lentini, A., Tappa, R. - Analysis of ancient Roman glass mosaic *tesserae*
141. Levi, S.T., Cannavò, V., Lugli, S., Marchetti Dori, S., Vezzalini, G. - Pottery production in the Po Valley during the Bronze Age: an archaeometrical approach to the Terramare society
142. Liami, V., Sakalis, A., Tsiafaki, D., Tsirliganis, N. - Archaeometric study of black glazed sherds from Karabournaki, Greece
143. Maggetti, M., Morin, D., Serneels, V., Neururer, C. - Kiln furnitures from the faience manufacture of Granges-le-Bourg (Haute Saône, France): contrasting recipes
144. Mangone, A., Giannossa, L., Laviano, R., Morosini, D., Fioriello, C.S., Traini, A. - Oil lamps from Egnazia: an archaeometric investigation
145. Mangone, A., Giannossa, L., Laviano, R., Redavid, V., Traini, A. - Technological features of Gnathia pottery
146. Marcante, A., Silvestri, A. - The site of Nogara (Verona, Italy): archaeological and archaeometric characterisation of glass
147. Maritan, L., Boaro, S., Leonardi, G., Mazzoli, C., Tenconi, M. - Early bronze age pottery from lake dwellings at Arquà Petrarca (Padova, Italy): an archaeometrical study
148. Maritan, L., Mazzoli, C., Nodari, L., Russo, U., Calliari, I., Gamba, M. - Archeometrical study on Second Iron Age pottery mortars from Este (Padova): technological aspects

149. Marrocchino, E., Novara, P. - The Banca Popolare of Ravenna Medieval Tower (Ravenna-Italy): petroarchaeometrical characterisation
150. Marzo, P., Perez-Arantegui, J., Resano, M., Aramendia, M., Vanhaecke, F. - Laser ablation-inductively coupled plasma-dynamic reaction cell-mass spectrometry for Pb isotopic analysis of mediaeval glazed ceramics
151. Meek, A.S., Henderson, J., Evans, J. - The isotopic analysis of north-western European forest glass: working towards an independent means of provenancing
152. Mileusnic, M., Miše, M., Čargo, B. - Provenance and ceramic technology (production techniques) of pottery (Gnathia ceramic) from Greek settlement of Issa, island of Vis, Croatia
153. Molera, J., Smith, A.D., Pantos, E., Pradell, T. - The chemical and physical parameters responsible for the lustre colours and shine
154. Morales Merino, C., Pernicka, E., Balcazar Garcia, M. - Troian pottery provenience studies: the role of clay sediments analysis
155. Muntoni, I.M., Eramo, G., Laviano, R. - Mid-Late Neolithic cooking ware in the V millennium BC of south eastern Italy: provenance and technology
156. Naisheng, L. - Analysis on the technology of "Ceramic Water Pipes" excavated from YinXu site
157. Naisheng, L. - Primary study on the "Shan He Tu" from the Haizhi and Weizhi emplacements in Tianjing Dagu site
158. Nodari, L., Russo, U., Bertoncetto, R. - Investigation of ceramic surfaces by using a new transportable backscattering Mössbauer spectrometer
159. Nodarou, E., Morrison, J. - The Foreign Vessel: investigating the provenance of imported pottery in Neopalatial Mochlos on the basis of fabric analysis
160. O'Connor, A.K., Shugar, A. - The analysis of 18<sup>th</sup> century archaeological glass trade beads from Fort Niagara
161. Odriozola Lloret, C., Hunt Ortiz, M., Hurtado Pérez, V., Marques Dias, I. - The Beaker Network one more time: prestige items research in Southwest Iberian Peninsula
162. Olcese, G. - Production centers and amphorae in Latium and Campania (4<sup>th</sup> century B.C. – 1<sup>st</sup> A.D.): archaeology and archaeometry
163. Olcese, G., Capelli, C., Rinaldi, A. - Archaeometric analyses of black gloss pottery from the area of Ostia (Latium, Central Italy)
164. Ortega, L.A., Zuluaga, M.C., Alonso-Olazabal, A., Solaun, J.L.- Petrographical and chemical study of low medieval (IX-XIII c.) common pottery of Santa Maria de Vitoria cathedral (Vitoria-Gasteiz, North of Spain)
165. Pacheco, C., Darque-Ceretti, E., Dooryhee, E., Felder, E., Chapoulie, R. - Gold leaf on medieval Islamic glazed ceramics. In search of ancient technological features thanks to modern materials
166. Pecchioni, E., Pallecchi, P., Ugolini, A., Aquiloni, A., Buccianti, A. - Ceramic findings inside the archaeological layer under the ship C (I cen. AD) from the archaeological site of Pisa San Rossore (Italy)
167. Pentedeka, A., Spencer, L., Kiriati, E., Bevan, A. - Investigating an island prehistoric landscape through ceramic analysis: the Antikythera survey project case
168. Polla, A., Angelini, I., Artioli, G., Bellintani, P., Dore, A. - Archaeometric investigation of Early Iron Age glass from Bologna
169. Ponterio, R.C., Aliotta, F., Bartoli, L., Vasi, C., Toscano Raffa, A., La Torre, G., Trusso, S. - Neutron diffraction on archaeological samples: a non-invasive analysis
170. Precup, C.N., Ionescu, C., Hoeck, V., Ghergari, L. - Comparative study of Bronze Age ceramics from Transilvania
171. Presciutti, V., Nodari, L., Miliani, C., Russo, U., Sgamellotti, A. - Multitechnique study on ceramic shards from the archaeological site of El Higo (Chiapas – Mexico)
172. Quartieri, S., Giacobbe, C., Triscari, M., Sabatino, G., Spigo, U. - Late Roman-proto Byzantine Age glasses from Catania amphitheatre workshop and Ganzirri archaeological site: a micro-analytical comparative investigation
173. Quinn, P.S., Day, P., Kilikoglou, V., Sampson, A. - Keeping an eye on your pots: the provenance of Neolithic ceramics from Cyclops Cave, Yioura, Greece

174. Rathossi, C., Pontikes, Y. - On the firing conditions prevailed in Archaic, Hellenistic and Roman kilns, NW Peloponnese
175. Rathossi, C., Pontikes, Y. - Petrography and geochemistry of Hellenistic and Roman pottery in NW Peloponnese
176. Rehren, Th. - The effect of melting technology on glass composition
177. Renson, V., Coenaerts, J., Nis, K., Mattielli, N., Claeys, P. - Using lead isotopes for provenance determination of pottery from a Late Bronze Age site (Hala Sultan Tekke, south-east Cyprus)
178. Riccardi, M.P., Messiga, B., Basso, E., Fortina, C., Mendera, M., Gimeno, D., Garcia-Valles, M., Fernandez-Turiel, J.L., Bazzocchi, F., Aulinas, M., Tarozzi, C. - The medieval stained glass from the rose window of the Siena cathedral (Italy): suggesting their provenance by means of chemical analyses
179. Ricciardi, P., Colombari, P., Milande, V. - Shedding (laser) light on ancient technologies: a non-destructive Raman study of the 18<sup>th</sup> century Bourbon porcelain productions
180. Rosenstein, D.D., Killick, D., Wilmsen, E. - Ceramics and people at early Iron Age archaeological sites in Botswana: a study of Provenance, technology and movement
181. Ruíz-Conde, A., Lupión, J.J., Arjonilla, M., Durán, G., Sánchez-Soto, P.J. - Study on 'Face front of altar' made of ceramic tile panels (16-17<sup>th</sup> centuries) in some monuments of the Cultural Heritage in Spain: the Italian influence
182. Rumyantseva, O. - Beads of Middle Eastern origin from Finnish burial grounds in Central Russia, middle of the I millennium AD
183. Sakalis, A.J., Merousis, N., Tsirliganis, N. - Multivariate statistical study of Neolithic pottery analysed by micro X-ray Fluorescent Spectroscopy from the excavation site at Polyplatanos, North Greece
184. Scarcella, S., Bouquillon, A., Leclaire, A. - The ceramic production in the neolithic facies of Stentinello and Ghar Dalam: analysis and comparison of the processing in the sites of Perriere Sottano (Sicily), Capo Alfiere (Calabria) and Skorba (Malta)
185. Schubert, C., Pernicka, E. - Provenance studies on troian Late Bronze Age fine wares from Troia and its neighbourhood using Neutron Activation Analysis (INAA)
186. Scorzelli, R.B., Munita, C., Munayco, P., dos Santos, E., Toyota, R.G., Schaan, D.P. - Provenance study of Marajoara pottery by Mössbauer spectroscopy, XRD and INAA
187. Sgobbi, M., Larese, A., Nardini, I., Biscontin, G., Zendri, E. - Study of the black gloss pottery technology in Venetic-Roman sherds
188. Szilágyi, V., Taubald, H., Biró, K.T., Csengeri, P., Koós, J. S., Tóth, M., Szakmány, Gy. - Bükk pottery - Master craftsmen of the Stone Age
189. Thierrin-Michael, G. - Fossiliferous pottery in Ajoie (NW Switzerland) and adjacent regions from La Tène to Merovingian periods: Information on production and distribution through microscopic and chemical analyses
190. Tonietto, S., Silvestri, A., Molin, G.M., Magani, F. - The disrupted paleo-Christian glass mosaic of St. Prosdocimus (Padua, Italy): archeometric characterisation of colourless "gold" and transparent *tesserae*
191. Tonoike, Y. - Beyond style: petrographic analysis of Dalma ceramics in two regions of Iran
192. Valiulina, S.I. - The glass of Bilyar
193. van Os, B., Huisman, H., Degryse, P., de Groot, T., Pols, S. - Sr and Pb isotopic combined with trace metal and major element compositional variation in Roman colourless glass objects from the Bocholtz burial, the Netherlands
194. Van Wersch, L., Chêne, G., Dupuis, Th., Mathis, Fr. - Archaeometrical study of Merovingian glass: artifacts from the cemeteries of Huy, Hollogne and Fallais
195. Waksman, Y., Capelli, C., Cabella, R. - Tunisian and Egyptian lustrewares from Sabra al-Mansûriya (Tunisia)
196. White, H. - Production and trade of post-Medieval English slipwares
197. White, H., Jackson, C., Sanders, G. - Investigation of Byzantine lead glazing technologies at Corinth, Greece in the tenth to twelfth centuries
198. Wright, J., Greenfield, D., Jackson, C., Howie, L. - Assessment of compositional and morphological changes in buried archaeological glasses
199. Zhu, J., Wang, C. - Raw material discussion on ancient China porcelain research

**STONE, PLASTER AND PIGMENTS (Technology and Provenance)**

200. Aceto, M., Agostino, A., Gulmini, M., Pellizzi, E., Castronovo, S. - Reconstructing the palette used in a fifteenth century manuscript illuminated by Antoine de Lonhy
201. Aceto, M., Agostino, A., Cerutti Garlanda, A. - Analytical investigations on a XI century precious manuscript binding with portable spectroscopic techniques
202. Agus, M., Cara, S., Lazzarini, L. - Provenance study on white and colored marbles from Uthina (Oudhna – Tunisia)
203. Aliatis, I., Bersani, D., Campani, E., Casoli, A., Lottici, P.P., Mantovan, S., Marino, I.-G. - A study of pigments used for Roman wall paintings in the Vesuvian area
204. Álvarez Pérez, A., Gutierrez Garcia-Moreno, A., Pitarch Martí, A. - Study and characterization of a local stone used in Roman times (Santa Tecla stone): the case of La Salut quarries (Tarragona, Spain)
205. Astalos, C., Kasztovszky, Z. - Prompt Gamma Activation Analysis on prehistoric stone tools and geological raw materials from North-Western Romania
206. Attard Montalto, N. - Provenancing and characterization of ochres
207. Belfiore, C.M., La Russa, M.F., Mazzoleni, P., Pezzino, A., Russo, L.G., Viccaro, M. - The “agghiara” mortars in the historical centre of Catania: petrographic and geochemical characterization of the employed raw materials
208. Belli, R., Dalmeri, G., Gialanella, S., Mattarelli, M., Montagna, M., Quaranta, A., Toniutti, L. - Palaeolithic paintings at Riparo Dalmeri, a northern Italian rockshelter: materials, technologies, techniques
209. Borghi, A., D’amicone, E., Fiora, L., Serra, M., Vaggelli, G., Vigna, L. - Ramses II in Majesty, symbol of the Egyptian Antiquity Museum of Turin, Italy: a minero-petrographic study
210. Bressy, C., D’Anna, A., Lugliè, C., Bellot-Gurlet, L., Le Bourdonnec, F.-X., Leandri, F., Poupeau, G., Tramoni, P. - Obsidian and chert procurement in Corsica. New insight from four Neolithic sites
211. Bugini, R., Folli, L., Mapelli, M., Passi Pitcher, L. - First study on Roman mortar pavements from Cremona (Lombardy - Northern Italy)
212. Burke, A.L., Gauthier, G. - Using non-destructive X-ray fluorescence analysis to investigate the Prehistoric use and distribution of Hornfels in southern Quebec
213. Cappellini, E., Solazzo, C., Demarchi, B., Campani, E., Casoli, A. - Preliminary characterisation of artistic painting binders by protein mass spectrometry
214. Caro', F., Douglas, J., Sokrithy, I.M. - Petrographic study of some Khmer stone sculptures in the Koh Ker style and a potential quarry source
215. Carter, T., Le Bourdonnec, F.-X., Kartal, M., Poupeau, G., Dubernet, S., Moretto, P. - Early days: characterizing obsidian from Epi-Palaeolithic Ozükini cave (SW Turkey)
216. Casadio, F., Douglas, J.G., Faber, K.T., Pearlstein, E., Branden, J.R., Chang, L. K. - Textile ghosts on Chinese archaeological jades: an inter-museum classification, documentation and analytical study
217. Cavalcante, L.C.D., Lage, M.C.S.M., Fabris, J.D. - Chemical analysis of red pigment in human bone
218. Cavalcante, L.C.D., Lage, M.C.S.M., Fabris, J.D., Pereira, M.C. - Chemical study of prehistoric pigments of the Arco do Covão site
219. Christensen, A.-M., Schüssler, U., Petrasch, J., Okrusch, M. - Analytical evidence for long distance trade in central Europe during the Neolithic
220. Coleman, M.E., Ferguson, J.R., Glascock, M.D., Ambrose, S.H. - Revisiting Obsidian from Eastern Africa
221. Crandell, O.N., Kasztovszky, Z. - The use of PGAA to aid in distinguishing between sources of jasper. An investigation of the analytical possibilities of this method in artefact provenancing
222. Crisci, G.M., Barba, L., Barca, D., Blancas, J., Manzanilla, L., Miriello, D., Ortiz, A., Pecci, A. - Application of Laser Ablation ICP–MS coupled with SEM-EDS and XRF methods to determine the provenance of the limestone used in Teotihuacan (Mexico)
223. Crisci, G.M., La Russa, M.F., Malagodi, M., Mariani, F., Miriello, D., Pezzino, A. - Diagnostic analysis of the materials employed in a Roman sarcophagus and slab

224. Cultrone, G., Setti, M., Sebastián, E., Veniale, F., Calvi, G., Vago, G., Palenzona, V. - The floor of the ancient Cathedral of Pavia (North of Italy). Evidence of the use of "opus signinum" (so-called "cocciopesto") technique
225. Damiani, D., Memmi Turbanti, I. - The "Maestà" of Ambrogio Lorenzetti in St. Augustine's Church in Siena (Italy): characterisation of the painting materials and evaluation of the state of conservation
226. Domínguez-Bella, S. - Mineralogical and petrological analysis of stone *tesserae* of the Baccus mosaic from Barrio Jarana, Puerto Real, Cádiz, Spain
227. Eramo, G., Laviano, R., Vurro, F. - An integrated study of mortars and bricks of the Medieval village of Fiorentino and the castle of Lucera (11<sup>th</sup> – 14<sup>th</sup> century, Italy)
228. Fermo, P., Delnevo, E., De Vos, M., Andreoli, M. - Characterization of ancient mortars from Villa Adriana (Tivoli, Rome)
229. Friedel, O., Bradák, B., Szakmány, G., Szilágyi, V., Biró, K.T. - Archaeometrical processing of polished stone artefacts of the Ebenhöch-collection (Hungarian National Museum, Budapest, Hungary)
230. Garoni, F., Basso, E., Carò, F., Messiga, B., Riccardi, M.P. - Compatibility of Aflenz Stone (Austria) in the restoration of the Žiže Charterhouse (Slovenia)
231. Giachi, G., Colombini, M.P., Modugno, F., Pallecchi, P., Ribechini, E. - The painting of the Etruscan "tomba della quadriga infernale" (IV cent. b.C.), in Sarteano (Siena, Italy): technical features
232. Giamello, M., Lazzarini, L., Bagnoli, A., Griffò, A., - The pulpit of Nicola Pisano in the Siena Cathedral: Preliminary results of the study of the stone materials
233. Glascock, M.D., Ghorabi, S., Khademi Nadooshan, F., Rezaie, A. - A study of obsidian from northwestern Iran using XRF and INAA
234. Gonçalves, A., Soares, A.M.M., Silva, A.C., Berrocal-Rangel, L. - Stone beads from SW Late Bronze Age and Early Iron Age settlements: analyses by X-Ray Diffraction
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