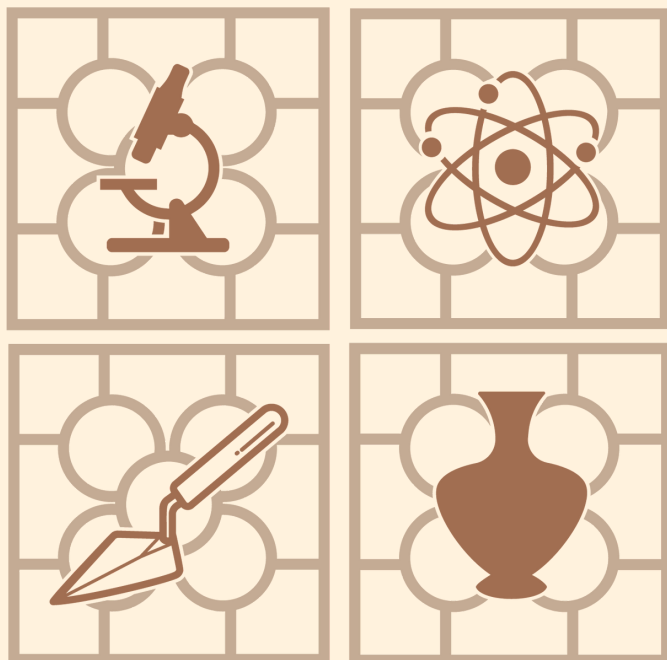


17th EUROPEAN MEETING ON ANCIENT CERAMICS



EMAC

BILBAO 2025

SCHEDULE

HELLO, DEAR RESEARCHER

Welcome to Bilbao for the European Meeting on Ancient Ceramics (EMAC 2025)! We're truly excited to welcome researchers from all over the world, coming together with a shared passion for the study of ancient ceramics. This gathering is a unique chance to present and discover innovative research, exchange experiences, and strengthen the dialogue between the humanities and the sciences — building an even stronger academic community.

We hope you have great success in presenting your work and that this will be a space full of learning, collaboration, and mutual inspiration. May the connections you make here go beyond the conference, leading to new partnerships and future projects. We wish for this edition of EMAC to be enriching for everyone and to leave you not only with valuable knowledge but also with lasting memories of your time in Bilbao.

Have a great conference!

DAY 1 - 10/09/2025

8h-9h | REGISTRATION

9h-9h30 | Opening session

9h30-10h30 | Oral Communication - Session 01

TOPIC 1: Raw material and provenance studies

9h30-9h45 | S1-01 *Anything they can do, we can do better: imitation of foreign pottery forms in Early Bronze Age Kültepe-Kaneš (Central Anatolia)*

Ayter, Pelin; Toksoy Köksal, Fatma; Kulakoğlu, Fikri; Kalaylıoğlu, Zeynep

9h45-10h | S1-02 Between continuity and change: a preliminary archaeometric approach to handmade and wheel-thrown pottery at Kach Kouch (Oued Laou, Northwestern Morocco, C. 1300–600 BC)

Buxeda i Garrigós, Jaume; Coso Álvarez, Júlia; Miguel Gascón, Eva; León Velandia, Tania; Bokbot, Youssef; Benattia, Hamza

10h-10h15 | S1-03 Cypro-Cilician Iron Age white painted ware at Sirkeli Höyük: investigating provenance and cultural affiliation

Haciosmanoğlu, Sinem; Kibaroglu, Mustafa; Hannah Mönninghoff, Joachim Opitz

10h15-10h30 | S1-04 Characterisation of the Iron Age pottery from the archaeological site of Tell el-Far'a (Palestine): provenance and firing temperature

Sanjurjo-Sánchez, Jorge; Barrientos, Victor; Montero Fenollós, Juan Luis

POSTER SESSION 01 – P01

10h30-11h30 | COFFEE BREAK

11h30-13h | Oral Communication - Session 02

TOPIC 6: Technology production and dating: cross-cultural and technological innovations

11h30-11h45 | S2-01 Crafting with carbon: investigating prehistoric graphite cones in the Balkans

Amicone, Silvia; Solard, Baptiste; Hansen, Sven; Lestakov, Petar; Malamidou, Dimitra; Tsirtsoni, Zoif; Rageot, Maxime; Berthold, Christoph

11h45-12h | S2-02 Pottery meets fibrework: analysing decorative knot and plait imprints in Stone Age hunter-fisher ceramics from Latvia

Bērziņš, Valdis

12h-12h15 | S2-03 Disclosing production process by the archaeometric analysis of Bronze to Iron Age jars from Qatna (Central Syria)

Maritan, Lara; Costi Farias, Bianca; Mazzoli, Claudio; Iamoni, Marco; Morandi, Daniele

12h15-12h30 | S2-04 Potters' Skill and practice in 50 BC – 200 AD southern central Europe (known as Noricum)

Borgers, Barbara; Maritan, Lara

12h30-12h45 | S2-05 Insights into the Cucuteni pottery technology. Case study: Răucești-Dealul Munteni (Neamț County, eastern Romania) archaeological site

Mățău, Florica; Diaconu, Vasile; Chișcan, Ovidiu; Pintilei, Mitică; Vasiliu, Ana-Lavinia; Ursu, Laura; Stancu, Alexandru

13h-14h30 | LUNCH BREAK

14h30-16h | Oral Communication Session 03

TOPIC 05: Digital and data—driven ceramic studies (e.g. AI, machine learning, big data, photogrammetry, etc.)

14h30-14h45 | S3-01 Explainable vision transformers for the petrographic classification of Levantine ceramics

Capriotti, Sara; Devoto, Alessio; Genovese, Donatella; Mignardi, Silvano; Scardapane, Simone; Medeghini, Laura

14h45-15h | S3-02 Still looking for the ideal cooking pot - Digital multi-scale models of cooking vessels

Hein, Anno; Kilikoglou, Vassilis

15h-15h15 | S3-03 Closed-Loop Machine Learning of pigmented and glazed-ceramic mixture deconvolution using Kubelka-Munk theory and Reflectance Spectroscopy

Lu, Jazmy; Sandhu, Terrindeep; Kakoulli, Ioanna

15h15-15h30 | S3-04 Integrating automation and advanced sensor technologies for the comprehensive study of archaeological ceramics in the AUTOMATA project

Naso, Martina; Leck, Arthur; Chapoulie, Rémy; Sciuto, Claudia; Gattiglia, Gabriele

15h30-15h45 | S3-05 A multi-analytical approach to ceramic provenance: building a clay raw materials database for Early Medieval Tuscany productions

Strufaldi, Irene; Chapoulie, Rémy; Longo, Sara; Sciuto, Claudia; Raneri, Simona

POSTER SESSION 01 – P01
16h-17h | COFFEE BREAK

17:00-19h | Oral Communication Session 04

TOPIC 7: Theory and Methods

17:00-17:15h | S4-01 Unhafting a proposal. Stuck between a Chen mul modeled censer and an effigy idol

Carreón, Emilie; García Cepeda, René

17:15-17:30h | S4-02 A thermodynamic approach for the interpretation of phase assemblages in archaeological ceramics: Part I: Equilibria and the Concept of Active Phases

Nickel, Klaus G; Berthold, Christoph

17:30-17:45 | S4-03 A thermodynamic approach for the interpretation of phase assemblages in archaeological ceramics: Part II: Experiments, Phase Analysis and Reactivity Investigations

Berthold, Christoph; Flicker, Annette; Nickel, Klaus G.

TOPIC 3: Experimental archaeology, ethnoarchaometry, and organic residue analyses

18:00-18:15h | S4-04 In search of the lost pottery workshops: use-wear analysis of lithic tools associated with ceramic production in indigenous contexts and traditional workshops of Gran Canaria.

Brito-Abrante, Idaira; del Pino Curbelo, Miguel; Rodríguez-Rodríguez, Amelia

18:15-18:30h | S4-05 Neolithic diet from ORA perspective: the case of Duero basin

Francés-Negro, M.; Adam, P.; Schaeffer, P.; Motsch, E.; Cubas, M.

18:30-18:45h | S4-06 Organic biomarkers, storytellers of the Neolithic age in El Mirador cave (Sierra de Atapuerca, Burgos, Spain)

Gatzelumendi-Decelis, Lander; Gorostizu-Orkaiztegi, Ane; Vergès, Josep Maria; Allué, Ethel; Sampedro, M. Carmen; Sánchez-Ortega, Alicia; Barrio, Ramón J; Vallejo, Asier

18:45-19:00h | S4-07 Amphorae from the ancient harbor of Neapolis: technological and provenance insights into North African trade connection between the 2nd and 4th centuries CE

Scanu, Michela; Birolo, Leila; Cipolletta, Brunella; Del Vecchio, Franca; Iavarone, Stefano; Morra, Vincenzo; Pizzimenti, Silvia; Verde, Maria; De Bonis, Alberto

DAY 2 - 11/09/2025

8h-9h | REGISTRATION

9h-10:30h | Oral Communication Session 05

TOPIC 6: Technology, production, and dating: cross-cultural and technological innovations

9h-9:15h | S5-01 A technological study of Hungarian white earthenware

Bajnóczi, Bernadett; Ridovics, Anna; Radványi, Diána; Vida, Gabriella; Szabó, Máté

9:15-9:30h | S5-02 Understanding the manufacturing technology of Japanese Stoneware from the 11th-17th c. CE

Logothetou, Gavriela; Roqué-Rosell Josep; Tema, Evdokia; Iwasaki, Shiho; Shibata, Ryo; Ibáñez-Insa, Jordi; Jiménez-Franco, Abigail; Plana-Ruiz, Sergi; Pouloupoulos, Vassilis; Zymi, Eleni; Nicolopoulos, Stavros

9:30-9:45h | S5-03 Underglaze and overglaze decorations in ancient ceramics

Molera, Judit; Salinas, Elena; Bruzzone, Lisa; Pradell, Trinitat

9:45-10h | S5-04 Compositional and lead isotopic study of tin-glazed ceramics from Pisa, Catalonia and Valencia (13th-14th century A.D.)

Paghi, Diletta; Molera, Judit; Pradell, Trinitat; Manca, Rosarosa; Casalini, Martina; Benvenuti, Marco

10-10:15h | S5-05 Adapt or perish: technological transformations in tin-lead ceramics from Barcelona, Catalonia (16th–18th Centuries)

Peix Visiedo, Judith; Buxeda i Garrigós, Jaume; Madrid i Fernández, Marisol; Kilikoglou, Vassilis; Hein, Anno

10:15-10:30h | S5-06 And after burial? Corrosion structures of high-lead glazed ceramics in Al-Andalus objects from Palmela Castle (West Portugal)

Saraiva, Ana S; Coutinho, Mathilda L.; Fernandes, Isabel C.; Veiga, João Pedro

POSTER SESSION 02 – P02

10:30-11:30h | COFFEE BREAK

11h45-13h | Oral Communication Session 06

TOPIC 1: Raw material and provenance studies

11:45-12:h | S6-01 Petrographic insights into the evolution of ceramic

building materials in Jerusalem and its Hinterland after 70 CE

Cohen-Weinberger, Anat; Terem, Shulamit; Ecker, Avner; Ad, Uzi; Bar-Nathan, Rachel

12:00-12:15h | S6-02 Port of destination: amphorae trade traffic to the Punic city of Qart-Hadasht (Cartagena, Spain)

Cutillas-Victoria, Benjamín; Ramallo Asensio, Sebastián F.; Martín Camino, Miguel

12:15h-12:30h | S6-03 Forging connections in the Early Iron Age Western Mediterranean: an examination of Local and Phoenician Pottery at Peña Negra (Alicante, Spain, 8th-6th Centuries BC) **[ONLINE]**

del Pino Curbelo, Miguel; Lorrio Albarado, Alberto J.; Torres Ortiz, Mariano; López Rosendo, Ester; Camacho Rodríguez, Pablo

12:30-12:45h | S6-04 Contributions of Archaeometry to the characterization of Azorean pottery between the 16th and 18th centuries
Araújo, João Gonçalves; Iñáñez, Javier G.; Teixeira, André; Torres, Joana Bento; Guerrero, Saúl

13h-14h30 | LUNCH BREAK

14:30-16h | Oral Communication Session 07

TOPIC 1: Raw material and provenance studies

14.30-14.45h | S7-01 United in our differences: ceramics production and circulation in the south of the Iberian Peninsula between the Nasrid Emirate and the Reign of Granada (15th-16th cent. AD)

Busto Zapico, Miguel; Garcia Porras Alberto; Montesana Roberta; Iñáñez, Javier; Guerrero Rivero, Saúl

14.45-15h | S7-02 Mamluk ceramic production from Fustat (Egypt), mid 13th-14th c.: physicochemical analyses of the collection of the Royal Museums of art and history in Brussels

Panagopoulou A.; Buxeda i Garrigós J.; Marchand J.

15-15:15h | S7-03 Markers of change: tracing the transition from Indigenous to Colonial ceramics in 16th-18th century Cartagena de Indias (Colombia)

Pujals, Sonia; Therrien, Monika; Montesana, Roberta; Buxeda i Garrigós, Jaume

15:15-15:30h | S7-04 Mononuclear or polinuclear pottery production in the rural territory of Umayyad Córdoba (Medieval Spain, 9th-10th centuries)

Salinas, Elena; González, Marina; Molera, Judit; Pradell, Trinitat

POSTER SESSION 02 – P02

15:30-16:30H | COFFEE BREAK

Session 08

16:30-17:15h | Keynote Conference

17:15-17:30h | Next EMAC Venue presentations

18:30h | SOCIAL ACTIVITY

Enjoy a spectacular boat tour through the center of Bilbao. Approximate duration: 60 minutes.

20h | GALA DINNER - Abba Euskalduna Hotel

Address: Ventosa Bidea, 34, Bilbao | 43°15'54.1"N 2°56'54.0"W

DAY 3 - 12/09/2025

8h-9h | REGISTRATION

9h-10:30h | Oral Communication Session 09

TOPIC 1: Raw material and provenance studies

9h-9:15h | S9-01 Production and distribution of pottery in Iron Age Judah

David Ben-Shlomo

9:15-9:30h | S9-02 Collection of compositional data: sharing and opening data to better understand amphora production strategies in the Hellenistic and Roman Aegean

Cantin, Nadia; Abdelgawad, Mai; Frugier Camille; Lemaitre Severine; Marzec Edyta; Müller, Noémi S.; Kiriatzki, Evangelia

9:30-9:45h | S9-03 Sourcing raw materials in the Bay of Naples area

De Bonis, Alberto; Russo Ermolli, Elda; Scanu, Michela; Valente, Ettore; Verde, Maria; Morra, Vincenzo

9:45-10h | S9-04 Was red the new black? Exploring Fe-based slips in the Roman World (3rd c. BCE- 1st c. CE)

Ortega Palacios, Clàudia; Madrid Fernández, Marisol; G. Sinner, Alejandro; Tsoupra, Anna; Nunes, Margarida; Mirão, José

10:00-10:15h | S9-05 Pottery Consumption and cross-border interaction: the common ware found at the Mendikute Fortress (12th–14th Centuries, Gipuzkoa, Basque Country, Spain)

Travé Allepuz, Esther; Álvaro Rueda, Karen

POSTER SESSION 03 – P03

10:30-11:30H | COFFEE BREAK

11h30-13h | Oral Communication Session 10

TOPIC 7: Theory and Methods

11:30h-11:45h | S10-01 Ceramic technology and territorial dynamics during the Early Iron Age in the Sierra de Alcaraz (Albacete, Spain) [ONLINE]

García-López, Arturo; Dorado Alejos, Alberto

11:45-12h | S10-02 Unveiling glaze defect origins: Expert strategies for flaw detection

Kolářová, Mária; Kloužková, Alexandra; Yulia V. Erban Kochergina

12h-12:15h | S10-03 Combining petrography and forming techniques analysis at the Postargaric settlement of Monteagudo (Murcia, Spain)

López-López, Alberto

12:15-12:30h | S10-04 Interpreting Philistine decorated pottery motifs through R Programming Language

Orleansky, Irene

12:30-12:45h | S10-05 Analysis of traces of use and reuse on pottery

Pallecchi, Silvia; Minniti, Bernarda

12:45-13h | S10-06 Juxtaposed pottery technologies of the Andean colonial worlds in the Atacama Desert, Chile (16th - 19th centuries)

Uribe, Mauricio; Wande, Claudio

13h-14h30 | LUNCH BREAK

14:30-16h | Oral Communication Session 11

SPECIAL TOPIC: Portable and non-destructive analyses: use and development of portable and non-destructive technologies for archaeometric studies

14:30-14:45h | S11-01 10 Years of pXRF application in the CEALex (Egypt): monitoring results and improving protocol of measurement

Abdelgawad, Mai; Cantin, Nadia

14:45-15h | S11-02 Atlantic networks: Preliminary archaeometric analysis of pottery from Cape Verde using Non-Destructive X-ray Fluorescence (pXRF)

Iñáñez, Javier; Guerrero, Saúl; Gondim, Leticia; Torres, Joana; Teixeira, André; Monteiro, Jaylson; Pereira Tavares, Nireide

15-15:15h | S11-03 The Sound and material profiling of "Svilpaunieki" via acoustic measurements and X-ray computed tomography

Sabatini, Benjamin; Rau, Mark; Aldins, Anna

15:15-15:30h | S11-04 Colours of the Inka: pigments used for bichrome and polychrome pottery on the Bolivian Altiplano

Szilágyi, Veronika; Mihály, Judith; Maróti, Boglárka; Gyarmati, János

15.30-15.45 | S11-05 The development and diversity of pottery forming practices in the Early Bronze Age of Eastern Bohemia: an analysis using novel computational tomography capabilities

Thér, Richard; Horáček, Jan; Kosová, Michaela; Schimerová, Eva; Schier, Jan; Pojhan, Daniel

15.45-16h | S11-06 Examples of non-destructive medieval settlement analysis in the Rhine-Main region with and without Waster references

Detlef, Wilke; Diesch, Aika Katharina; Gierszewska-Noszczyńska, Matylda; Freitag, Annina

POSTER SESSION 03 – P03

16h-17h | Coffee Break

17h-18h15 | Oral Communication Session 12

TOPIC 6: Technology, production, and dating: cross-cultural and technological innovations

17-17.15h | S12-01 Archaeometric studies on the evolution of ceramic fabrics in the long-lived production site of Medamud (Egypt)

Barahona Mendieta, Zulema; Cantin, Nadia; AbdelGawad, Mai; Relats Montserrat, Félix; Séguier, Romain

17.15-17.30h | S12-02 Bridging the gap between the aboriginal and the popular pottery-forming traditions in the Canary Islands by integrating technological traces, X-radiology & micro-computed tomography

Cámara Manzaneda, Javier; Pardo-Gordó, Salvador; Hernández Hernández, Daniel Santos; Chávez Álvarez, Esther; Aray de la Rosa, Matilde; Carballo Pérez, Jared; González Marrero, María del Cristo; González Reimers, Carlos Emilio; Hernández Marrero, Jose Ángel; Vacas Fumero, Emilio; Vidal-Matutano, Paloma

17.30-17.45h | S12-03 Technological transmission and artisanal mobility during the Greek colonization in Italy (8th-6th centuries BC). An overview of the “Pots and Pans” research: methodology, results and perspectives

Charalambidou, Xenia

17.45-18h | S12-04 Tol-e Chega-Sofla: Insights into the technology and provenance of pottery production in early 5th BCE, south-west of Iran

Emami, Mohammadamin; Chapoulie, Rémy; Moghadam, Abbas

18-18.15h | S12-05 Early islamic glazes and glass in the Chu River Valley (Kyrgyzstan)

Klesner, Catherine; Lü, Qin-Qin

18.15-19h | AWARDS CEREMONY AND CLOSING EVENT

POSTER SESSIONS

DAY 1 - 10/09/2025

Poster Session 01 – P01 -Coffee Break

- **P1-01** Neolithic connectivity in central Italy: a study of raw materials and ceramics from the Grotta Battifratta site
Chiarabba, Emma; Eramo, Giacomo; Ben Amara, Ayad; Chapoulie, Rémy; Conati Barbaro, Cecilia
- **P1-02** Methodological insights into 3D modelling and volumetric analysis: A case study of medieval and post-medieval sugar cones from Iberian Peninsula
Coso, Julia; Montesana Roberta; Hein Anno; Buxeda i Garrigós Jaume
- **P1-03** Reinterpreting the Neolithic in the Tagus Basin: pottery characterization and chronology
Espada-Martín, Estíbaliz; Cubas, Miriam; Amicone, Silvia; Garrido-Pena, Rafael
- **P1-04** Heat-modified shales as temper in QPW 1-2 pottery from Qurayyah, NW Arabia
Klainscek, Doralice; Fragnoli, Pamela; Luciani, Marta
- **P1-05** In and out material culture: Corsican potential goals
Piccardi Eliana
- **P1-06** Trade Networks and Pre-Roman amphorae provenance in ancient Capri: an archaeometric study
Scanu, Michela; Cirillo, Annamaria; Di Franco, Luca; Di Martino, Giancarlo; Ferrentino, Veronica; Morra, Vincenzo; Verde, Maria; De Bonis, Alberto
- **P1-07** Urns Under the microscope: petrographic analysis of eight Iron Age pots from Funen, Denmark
Schultze, C. H.; Brorsson, T.
- **P1-08** Technological traditions of Bronze Age impasto ware at Torre Castelluccia (Apulia, Southern Italy): a comparative study of domestic and funerary contexts
Serino, Donatella; Palazzini, Flavia; Pizzuti, Elisa
- **P1-09** Looking for clays: a geoarchaeological study of ceramic raw materials from Naxos (Greece)
Tsoupra, Anna; Barrulas, Pedro; Nodarou, Elenic; Moita, Patrícia; Mirão, José

POSTER SESSIONS | DAY 1 - 10/09/2025

- **P1-10** Potential of organic residue analyses on Roman Period handmade pottery

Tušlová, Petra; Brychová, Veronika

- **P1-11** Ethnoarchaeometric approach to traditional pottery production from Trás os Montes, Cabo Verde

Iñáñez, Javier G.; Teixeira, André; Torres, Joana Bento; Monteiro, Jaylson

- **P1-12** African Terra Sigillata and common African pottery at the Roman site of Los Villares (Salamanca). Analysis of the ceramic context and archaeometric study

Pérez de Dios, Verónica; Soto García, María de los Reyes; Soto García, Isabel S.; García Giménez, Rosario; Sanjurjo-Sánchez, Jorge

- **P1-13** Tracing Clay and Craft: Petrographic Insights into Halaf Ceramic Technologies in Upper Mesopotamia

Bach, Anna



POSTER SESSIONS 02

DAY 2 - 11/09/2025

Poster Session 02 – P02 -Coffee Break

- **P2-01** Transport amphorae in the Inland of Southeastern Sicily (6th c. BC-9th c. CE): new data from the archaeological survey of western sector of the Hyblean Plateau
Brancato, Rodolfo; Giacoppo, Flavia; Raneri, Simona; Scerra, Saverio; Tescione, Teresa
- **P2-02** Technological choices for building Early Neolithic ceramics and their external mud coats for salt production in the Salt Valley of Añana (Basque country, North Spain)
Cámara Manzaneda, Javier; Weller, Olivier; Plata Montero, Alberto; Gomart, Louise; Camarero Arribas, Cristina; Martínez Torrecilla, José Manuel; Aubry, Laurent
- **P2-03** Multi-analytical and comparative archaeometric study of ceramic amphorae from Çuka et Ajtoit and Butrint (Albania)
Merola, Camilla; Capriotti, Sara; Moffa, Candida; Petrarca, Massimo; Mignardi, Silvano; Medeghini, Laura
- **P2-04** Characterization of Western Greek amphorae in Naples: an archaeometric approach
Ferrentino, Veronica; Giampaola, Daniela; Morra, Vincenzo; Scanu, Michela; Scoppetta, Elda; Verde, Maria; De Bonis, Alberto
- **P2-05** Late Roman amphora production in northwestern Spain: archaeometric characterization of materials from the kiln site of Bueu (Galicia)
Fantuzzi, Leandro; Cau-Ontiveros, Miguel Ángel; Fernández Fernández, Adolf
- **P2-06** The Valencian sugar industry: study of sugar ceramic production in the territory of La Safor
Gómez Serra, Irene; Montesana, Roberta; Buxeda Garrigós, Jaume
- **P2-07** What to drink in Medieval Kyiv? Shaping trade and consumption through archaeometric analysis of amphorae
Khamaiiko, Natalia; Korokhina, Anastasiia; Waksman, S. Yona; Tymoshenko, Mariia; Trzeciński, Maciej; Michał Auch; Wołoszyn, Marcin
- **P2-08** Research on the archaeological find of torsos of unused ceramic large-format tiles from the 16th century in Prague
Kloužková, Alexandra; Kolářová, Mária; Radka Šefců; Gabriela Blažková

POSTER SESSIONS | DAY 2 - 11/09/2025

- **P2-09** Glazing pottery in the late Hellenistic and early Roman Greece: multi-technique analysis of “Megarian” bowls, eastern sigillata, and related wares

Liard, Florence; Ben Amara, Ayed

- **P2-10** Examining diachronic changes in forming techniques of Hungarian Whiteware between the 11th –17th centuries

Szilágyi, Veronika; Simonyi, Erika; Tomka, Gábor; Bajnok, Katalin; Len, Adél; Gait, John

- **P2-11** Techno-Politics of pottery production during the Formative Period in the Atacama Desert, northern Chile (3000-1000 BP)

Wande, Claudio; Uribe, Mauricio

- **P2-12** Early Modern tin-lead glazed pottery from Zamora, Spain: Petrographic and geochemical analysis of ceramics from the Olivares Workshops

Guerrero Rivero, Saúl; Iñañez, Javier G.; Sánchez-Garmendia, Uxue; Arana, Gorka.



POSTER SESSIONS 03

DAY 3 - 12/09/2025

Poster Session 03 – P03 -Coffee Break

- **P3-01** A comprehensive review of glass and glaze techniques in the Arsacid-Sassanian Period
Bagheri Ghaleh, Mona
- **P3-02** Ceramic consumption in the Argaric Bronze Age period: preliminary results combining petrography and pXRF at the coastal site of Punta de los Gavilanes (Mazarrón, Spain).
Cutillas-Victoria, Benjamín; Ros Sala, María Milagrosa; López-López, Alberto
- **P3-03** A ceramic assemblage from the Augustan-Tiberian period in the Roman city of Pollentia (Mallorca, Balearic Islands, Spain): archaeometric characterization of amphorae and common wares
Fantuzzi, Leandro; Cau-Ontiveros, Miguel Ángel; Martínez Ferreras, Verónica; Mas Florit, Catalina; Chávez-Álvarez, Esther; Plaza Conesa, Paula; Guimaraes, Raquel
- **P3-04** The absence of evidence is not the evidence of absence: the case of Salt production in Portuguese Prehistory
Jesus, Luís; Pereira, Telmo
- **P3-05** Late Roman amphoras from the Kounoupi Workshop, Southern Argolid: new petrographic and elemental investigations
Liard, Florence; Cloke, Christian
- **P3-06** Preliminary archaeometric study of historical tiles in Jerusalem
Alkindi, Lolowa; Arneodo, Francesco; Mangani, Simi Maria Emilia; Roberts, Henry; Sharma, Sandhya; Torres, Rodrigo

POSTER SESSIONS | DAY 3 - 12/09/2025

- **P3-07** The project MUSEA: unified model of study, virtual exhibition, and analysis of museum ceramics collections
Raneri, Simona; Balleri, Rita; Benvenuti, Marco; Fabrizi, Lucilla; Gattiglia, Gabriele; Manca, Rosarosa; Mangani, Simi Maria Emilia; Paghi, Diletta; Rucellai, Oliva
- **P3-08** New insight into Iberian Ceramic production: the study of the Fontscaldes Kiln
Peix Visiedo, Judith; Canela Gràcia, Joan; Belarte Franco, Maria Carme; Buxeda i Garrigós, Jaume
- **P3-09** A new methodology for firing temperature estimation of ancient pottery using combined thermoluminescence and magnetic susceptibility measurements
Areti Pentedeka; Jorge Sanjurjo Sánchez; Elina Aidona; George Kitis; Pavlos Triantafyllidis; Georgios S. Polymeris
- **P3-10** Comparison of chemical-elemental data obtained by pXRF, WDXRF and m-EDXRF – are the results compatible?
Saraiva, Ana S.; Coutinho, Mathilda L.; Saraiva, Fernanda; Veiga, João Pedro
- **P3-11** Identification of painted decorations on ceramics from the Ánimas Altas-Ánimas Bajas archaeological complex, Paracas Culture (Peru, 400 BCE–100 CE)
Sifatullah, Hassin; Ayed, Ben Amara; Aïcha Bachir Bacha; Aurélie Mounier; Rémy, Chapoulie
- **P3-12** Hybrid technologies: a preliminary archaeometric analysis of decorative tiles and criollo pottery from Panama Viejo
Iñáñez, Javier; Guerrero Rivero, Saúl; Martín Rincón, Juan Guillermo; Mendizábal, Tomás
- **P3-13** Protocols as a path to sustainability: rethinking archaeometric analysis of ceramics
Gondim, Leticia; Iñáñez, JavierG.
- **P3-14** First archaeometric characterization of tlate medievael ceramics from Murcia (15th-16th centuries)
Sánchez-Carmen, Castillo; Ben Amara, Ayed, Iñáñez, Javier, García Porras, Alberto, Chapoulie, Rémy

RESUME | SCHEDULE

SESSION TIME	DAY 01 10/09/2025	DAY 02 11/09/2025	DAY 03 12/09/2025
08h - 09h	REGISTER		
09h - 09:30	Opening session	Oral Communication Session 09 – S09	Oral Communication Session 09 – S09
09:30 - 10:30	Oral Communication Session 01 – S01		
10:30 - 11:30	Poster Session 01 P01 - Coffee Break	Poster Session 02 P02 - Coffee Break	Poster Session 03 P03 - Coffee Break
11:30 - 13h	Oral Communication Session 02 – S02	Oral Communication Session 06 – S06	Oral Communication Session 10 – S10
13h - 14:30	LUNCH		
14:30 - 16h	Oral Communication Session 03 - S03	Oral Communication Session 07 - S07	Oral Communication Session 11 - S11
16h - 17h	Poster Session 01 P01 -Coffee Break	Poster Session 02 P02 -Coffee Break	Poster Session 03 P03 -Coffee Break
17h - 18:30	Oral Communication Session 04 – S04	Session 08 – S08 <i>Keynote Conference Next EMAC Venue presentations</i>	Oral Communication Session 12 – S12
18h - 20h SOCIAL EVENT			
18:30 - 19h			Awards Ceremony and Closing Event
20h		GALA DINNER	

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GRUPO DE INVESTIGACIÓN EN
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El Sitio de la Química en España



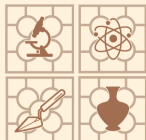
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EMAC
BILBAO 2025

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EMAC 2025 Summer School

The **EMAC 2025 Summer School** will take place on **September 8–9, 2025**, at **Bizkaia Aretoa**, Bilbao, the same venue as the main Conference.

Designed **exclusively for Undergraduate, Master's, and Doctoral students**, this training experience aims to bridge theoretical knowledge and practical application in the study of ancient ceramics, focusing on *non-destructive* analytical techniques.

Participation is **aimed to those students registered for both the Summer School and the EMAC 2025 Conference**. Attendance only at the Summer School is not possible.

Due to space limitations, **only 25 participants will be admitted** (this activity includes lunches). Those interested are encouraged to **visit the official website regularly**, as further details will be announced soon.



Day 1 – September 8

TIME	TOPIC
8.30h-9h	registration & welcome
9h-9.30h	Summer School Presentation
9.30h-10.30h	Student project presentations (research topics, objectives)
10.30h-11.00h	Break
11.00-11.45h	Portable X Ray Fluorescence (pXRF)

TIME	TOPIC
11.45h-12.30h	Hyperspectral imaging (HSI)
12.30-13.00h	Colorimetry
13h-14.30h	Lunch break
14.30-16h	Practice session 1
16h-16.30h	Break
16.30-18.30h	Practice session 2

Day 2 – September 9

TIME	TOPIC
8.30h-9.00h	Welcome
9.00h-10.30h	Practice Session 3
10.30h-11.00h	Break
11.00h-13.00h	Photogrammetry & 3D Scanning (theory overview and practice)
13h-14.30h	Lunch Break
14.30-16h	Museum sampling – Tools and Strategies for scientific dissemination
16h-16.30h	Break
16.30-17.30h	Practice Session 4
17.30h-18.00h	Closing Session

*Depending on the number of attendees, they will tentatively be split into three groups. Each group will rotate through practice stations (session 1, 2, and 3), gaining firsthand experience with the instrumentation and software dedicated to the techniques covered day 1. Practice Session 4 will be dedicated to design scientific dissemination strategies of student's own research.

Official Website of the EMAC 2025 Congress – Bilbao, Spain

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