

29-30
june
2016

TARGET:

Mainly students and recently graduates in degrees related to conservation of cultural heritage, young researchers, PhD students, restorers/conservators or architects.

REGISTRATION FEES:

- Students, ECERS/SECV members, YOCOCU members and unemployed: 40 euros.
- Professionals and others: 100 euros.

The course is open to a maximum of 100 participants. Course fee includes coffee break, certificate of attendance and participant material (including the book of abstracts).

INFORMATION & CONTACT:

YOCOCU SPAIN: espanyococu@gmail.com, +34 644 86 05 29.

IGEO: empmon@geo.ucm.es, +34 913944903

REGISTRATION:

Please fill the Course [web registration form](#) Once received organizers will notify available vacancies. In case there are vacancies, registration will be confirmed by sending proof of payment of the fee via post mail (c/José Antonio Novais 12 Instituto de Geociencias 28040 Madrid, Spain) or e-mail, along with certificate required for reduced fee

The payment of the course fee should be done through bank transfer to YOCOCU España account number:

ES68 0073 0100 50 0504123466

Indicating concept "Full name_CERAMIC COURSE" must be included in the bank proof of payment.

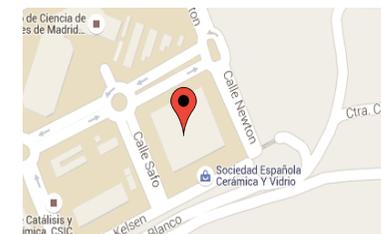
COURSE VENUE:

Instituto de Cerámica y Vidrio (ICV-CSIC). www.icv.csic.es

c/Kelsen 5. Campus de Cantoblanco. Madrid 28049

 Bus: 714 (From Plaza Castilla)

 Train: Lines C-4a y C-4b (From Atocha, Nuevos Ministerios or Chamartín)



CERAMIC MATERIALS IN BUILDING HERITAGE: CONSERVATION PROBLEMS AND INTERVENTION

Coordinated and co-organized by:



Co-organized by:



Sponsored by:



INTERNATIONAL COURSE
CERAMIC MATERIALS IN BUILDING HERITAGE:
CONSERVATION PROBLEMS AND INTERVENTION

Ceramic material is certainly a key element in the cultural heritage, particularly in historical buildings, from antiquity to the present. Ceramics applied to architecture involves specific problems when addressing preservation, as well as conservation and restoration interventions. Knowledge about the origin and selection of suitable raw materials and better understanding of the technology used for the manufacture of ceramic parts involves important implications for the conservation of these materials.

This course is coordinated and co-organized by YOUTH IN CONSERVATION OF CULTURAL HERITAGE Association YOCOCU-Spain, co-organized by Geosciences Institute IGEO (CSIC, UCM), Spanish Society of Ceramics and Glass (SECV) and the Ceramic and Glass Institute (ICV), sponsored by ECERS, the Journal of European Ceramic Society Trust and SECV.

The main goal of the course is to offer a training program of short duration focused on the ceramic material used in architectural heritage, including structural and decorative elements. Raw materials and technologies used for manufacturing, alteration and decay processes, characterization techniques for study and analysis, as well as new trends in conservation treatments will be addressed.

PROGRAMME

Wednesday 29th June, 2016

MORNING 09.00-13.00h

09.00-09.45 h Registration

09.45-10.00 h Presentation and Welcome

· FAUSTO RUBIO ALONSO, Director of the Institute of Ceramics and Glass (ICV-CSIC), Madrid, Spain.

· NATALIA PEREZ-EMA, Coordinator of YOCOCU Spain Association.

TOPIC 1 (T1). Ceramic materials in building heritage: raw materials and processing
10.00-11.00 h T1.1 BRUNO FABBRI (Masterclass): *Ceramic construction material in cultural heritage: typologies, manufacture and properties.* Institute of Science and Technology for Ceramic Materials (ISTEC-CNR), Faenza, Italy (Retired in 2015).

11.00-11.30 h COFFEE BREAK

TOPIC 2 (T2). Decay, degradation factors and mechanisms
11.30-12.15 h T2.1 FRANCISCO FERNANDES: *Understanding the deterioration of old clay bricks.* Universidade Lusíada – Norte, Vila Nova de Famalicão, Portugal.

12.15-13.00 h T2.2 MATHILDA LARSSON COUTINHO: *Biological colonization and biodeterioration of architectural ceramic materials.* Research Unit VICARTE – Vidro e Cerâmica para as Artes (Glass and Ceramic for the Arts) and Faculty of Sciences and Technology, Universidade Nova de Lisboa (FCT NOVA).

13.00-14.00 h LUNCH

AFTERNOON 14.00h-17.00h

14.00-14.45 h T2.3 MAURO FRANCESCO LA RUSSA: *Bricks and ceramics in underwater environment: Characterization and degradation.* Calabria University (UNICAL), Italy.

TOPIC 3 (T3). Analytical techniques for characterization and conservation studies
14.45-15.30 h T3.1 MANUEL GARCÍA HERAS: *Archaeometric characterization of historical ceramic materials: bricks, roofs and decorative tiles.* Institute of History (CCHS-CSIC), Madrid, Spain.

15.30-16.15 h T3.2 MÓNICA ÁLVAREZ DE BUERGO: *NDT I: Non destructive techniques to measure surface properties.* Geosciences Institute (IGEO-CSIC, UCM), Madrid, Spain.

16.15-17.00 h T3.3 MIGUEL GÓMEZ-HERAS: *NDT II: Non destructive techniques to measure bulk properties.* Geosciences Institute (IGEO-CSIC, UCM), Madrid, Spain.

Thursday 30th June, 2016

MORNING 09.00-13.30h

TOPIC 4 (T4). Intervention/Treatments
09.00-09.45 h T4.1 BARBARA LUBELLI: *Desalination of masonry by poulticing: laboratory research and application in the field.* Netherlands Organisation for Applied Scientific Research (TNO) and Delft University of Technology, Delft, Holland.

09.45-10.30 h T4.2 AITANA TAMAYO: *Protective interventions and treatments in heritage buildings.* Institute of Ceramics and Glass (ICV-CSIC), Madrid, Spain.

10.30-11.15 h T4.3 ROB VAN HEES: *Surface treatments for the conservation of historic masonry: blessing or risk?* Netherlands Organisation for Applied Scientific Research (TNO) and Delft University of Technology, Delft, Holland.

11.15-11.45 h COFFEE BREAK

11.45-12.00 h CARMEN BAUDIN: *General Secretary of Spanish Society of Ceramics and Glass. Spanish Society of Ceramics and Glass as associative frame for young researchers.* European Ceramic Society and Journal of the European Ceramic Society Trust.

12.00-12.45 h T4.4 SILVESTRO RUFFOLO: *Conservation of ceramics and bricks in underwater environment: state of art and new perspectives.* Calabria University, Italy.

TOPIC 5 (T5). Preventive conservation
12.45-13.30 h T5.1 MANUEL BLANCO: *Preventive Conservation of Built Heritage.* Geartec Technical Solutions, S.L., Zaragoza, Spain.

13.30-14.30 h LUNCH

AFTERNOON 14.30 -18.30h

TOPIC 6 (T6). Case of study
14.30-15.15 h T6.1 ELENA PEREZ-MONSERRAT: *Documentation and characterization to determine the processing of ceramic materials: Former Hospital of Maudes (Madrid, Spain).* Geosciences Institute (IGEO-CSIC, UCM), Madrid, Spain.

15.15-16.00 h T6.2 CARMEN PASCUAL: *Ceramic characterization of porcelain flooring tiles from La Casa del Labrador in Aranjuez (Madrid, Spain).* Institute of Ceramics and Glass (ICV-CSIC), Madrid, Spain.

16.15-18.30 h **VISIT**