

Coordination

The course is coordinated by three sectors of the Aristotle University of Thessaloniki:

- Laboratory of Building Materials, Dept of Civil Engineering
- Interdepartmental Program of Postgraduate Studies on the Preservation and Restoration of Cultural Monuments
- Dept of Archaeology and History of Ancient and Byzantine Art and Civilization, School of History and Archaeology, Dion University excavation

Organizing Committee

Papayianni Ioanna Professor AUTH
Alexopoulou Alexandra, Professor AUTH
Pingiatoglou Semeli, Professor AUTH
Mentzos Aristotelis, Professor AUTH
Stefanidou Maria, Associate Professor AUTH
Pachta Vasiliki, Dr Architect AUTH

Speakers invited in MARE.14

Biçer-Şimşir Beril The Getty Conservation Institute
Groot Caspar Delft University of Technology
Flórez de la Colina M^a Aurora Technical University of Madrid
Karadedos George Aristotle University of Thessaloniki
Leissner Johanna Fraunhofer Institute
Miltiadou Androniki National Technical University of Athens
Penelis George Aristotle University of Thessaloniki
Radivojević Ana University of Belgrade
Valek Jan Academy of Sciences
Van Hees Rob Delft University of Technology, TNO
Veiga Maria-Rosario Nat. Laboratory for Civil Engineering
Velosa Ana University of Aveiro
Vintzilaiou Elisavet National Technical University of Athens

Information

Laboratory of Building Materials
Department of Civil Engineering
Aristotle University of Thessaloniki
PO Box:482, 54124, Thessaloniki, GREECE
tel: +30 2310 995882, +30 2310 995699
Fax: +30 2310 995699
e-mail: info.mare17@gmail.com
website: www.mare17.com

Certificate

- Certificate of attendance by the Organizing Committee
- Certificate of attendance by the Lifelong Learning Unit of the Aristotle University of Thessaloniki with 10 ECTS



Venue

MARE.17 will be realized in the Archaeological site of Dion and the Laboratory of Building Materials of the Aristotle University of Thessaloniki.

The archaeological site of Dion is located in N Greece, in the foothills of Mount Olympus. Dion was the "sacred place" of the Ancient Macedonians and a significant Hellenistic and Roman socio-economic center, in a unique environment with rich vegetation and springs.



MARE.17

Materials and Techniques for the Restoration of Monuments

Compatibility, Durability, Sustainability and Economy issues in Retrofitting Heritage Structures

2nd - 15th July 2017

Aristotle University of Thessaloniki
Archaeological site of Dion
Greece

www.mare17.com

MARE.17

Materials and Techniques for the Restoration of Monuments

Compatibility, Durability, Sustainability and Economy issues in Retrofitting Heritage Structures

After the success of **MARE.14** (6-20 July 2014), with 30 participants from 10 countries, **MARE.17** is announced.

MARE.17 is a constitutional course focusing on materials and techniques for the conservation and retrofitting of heritage structures, based on the principles of Compatibility and Durability. The course is open to architects, engineers, restorers, conservators, archaeologists and other scientists and professionals involved in the restoration of monuments and historic buildings.

What makes MARE courses to be distinguished among others is that they are devoted to the practical exercising of each participant with materials and techniques. Participants carry out diploma works, concerning repairing on the site of Dion which are presented at the end of the course. Relevant notes and literature are given to all participants.

Objectives of the Course

- Basics on principles and demands of restoration
- Integrated strategy for developing proper repair materials (mortars, grouts, bricks, stones)
- Problems and damages of heritage structures
- Non destructive techniques of diagnosis
- Sampling and Analysis of historic mortars
- Design of compatible and effective repair materials
- Quality control of raw materials
- Manufacture of repair materials and criteria of acceptance
- Application techniques of repair materials
- Monitoring of repair materials behavior after interventions
- Life cost and Life cycle analysis

Materials studied

Mortars, Renders, Mosaic substratums, Grouts, Earth blocks, Fired bricks, Advanced composite materials

Fees and benefits

- Participation in all theoretical and practical sessions
- Certificate of attendance with 10 ECTS
- Printed and electronic educational material
- Round trip travels from Dion to Thessaloniki for the practical sessions realized in the Aristotle University
- Accommodation in the University hostel at Dion
- Half-board (breakfast and dinner)
- Participation to the weekend excursions (trekking to Olympus mountain)
- Reduced prices to local festivals



Registration fee

Full registration: 1200€

Students (Under graduate, post graduate): 800€

Candidates not needing accommodation and nutrition: 800€

Maximum number of candidates: 30

Important dates

Deadline for applications: 25th March 2017 (extended)

Notification of acceptance: 31st March 2017

Seminar: 2-15 July 2017

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REGISTRATION FORM

Name / Surname

Affiliation

Institute / Company

Address

Telephone

E-mail

Registration fee

1200 € (full registration)

800 € (student, not needing accommodation, nutrition)

Date

Signature

Please complete the form and send it to

info.mare17@gmail.com