

**MARE.20 PROGRAM (DRAFT)**

Date	Session	Topics		Location
30/8 Sunday	16:00-17:30 17:30-19:00 19:00-21:00	Registration Visit at the archaeological site of Dion MARE.14 Opening ceremony	Representatives of: – Aristotle University of Thessaloniki – Prefecture of Central Macedonia – Olympus Festival – Ephorate of Antiquities of Pieria	Centre of Mosaics, Dion
31/8 Monday	10:00-11:30 12:00-13:00 13:00-14:00 14:30-19:00	<b>Preservation and Restoration of Heritage Structures – Introduction</b> Presentation of the pathology problems of the archaeological site of Dion Presentation of Diploma thesis of the archaeological site About sampling Sampling of historic building materials	Ephorate of Antiquities of Pieria I. Papayianni, AUTH Scientific Team of: Lab. of Building Materials *	Centre of Mosaics, Dion  Archaeological site, Dion
1/9 Tuesday	10:00-12:00 12:30-13:30 14:00-15:30 16:00-18:00	<b>Documentation – Diagnosis of Heritage Structures</b> Theory and principles of Restoration Evolution of materials in Construction Use of Microscopy in studying historic materials Methodology of analysis of historic mortars/bricks	Invited speaker V. Pachtá, AUTH M. Stefanidou, AUTH I. Papayianni, AUTH	Centre of Mosaics, Dion
2/9 Wednesday	10:00-18:00	<b>Documentation – Diagnosis of Heritage Structures</b> Laboratory analysis of historic building materials: mortars, bricks, stones (work in groups)	Scientific Team of the Laboratory of Building Materials, AUTH*	Lab. of Building Materials, AUTH
3/9 Thursday	10:00-11:00 11:30-12:30 14:00-18:00	<b>Documentation – Diagnosis of Heritage Structures</b> Damages of Historic structures Use of non destructive methods for testing Historic Masonry Laboratory analysis of historic building materials: mortars, bricks, stones (work in groups) Recording the test results in a data system (homework)	Invited speaker Scientific Team of the Laboratory of Building Materials, AUTH*	Lab. of Building Materials, AUTH
4/9 Friday	10:00-11:30 12:00-13:00 16:00-18:00	<b>Design and Application of Compatible Repair Materials</b> Performance and repair requirements Design of Compatible repair materials Discussion of the test results from the analysis of the samples	Invited speaker I. Papayianni, AUTH	Lab. of Building Materials, AUTH

5/9 Saturday	10:00-16:00	Trekking to Olympus mountain		
6/9 Sunday		Free		
7/9 Monday	10:00-18:00	<b><i>Design and Application of Compatible Repair Materials</i></b> Preparation and testing of repair mortars and grouts (trial mixes)	Scientific Team of the Laboratory of Building Materials, AUTH*	Lab. of Building Materials, AUTH
8/9 Tuesday	10:00-11:00 11:30-12:30 16:00-18:00	<b><i>Design and Application of Compatible Repair Materials</i></b> Case studies Materials and techniques for retrofitting Historic Masonry Testing effectiveness of composite materials	Invited speaker I. Papayianni, AUTH Invited speaker	Lab. of Building Materials, AUTH
9/9 Wednesday	10:00-14:00 16:00-20:00	<b><i>Pilot applications</i></b> Practical work. Pilot application on site Diploma work preparation	Scientific Team of the Laboratory of Building Materials, AUTH*	Archaeological site, Dion
10/9 Thursday	10:00-11:00 11:30-12:30 14:00-20:00	<b><i>Pilot applications</i></b> Testing and evaluation of grouts used in Historic Structures Socio-Economic and Sustainability aspects in Restoration projects Diploma work preparation	Invited speaker Invited speaker	Centre of Mosaics, Dion
11/9 Friday	10:00-17:00 19:00-21:00	Presentation of diploma works. Discussion Certifications. Closing ceremony		Centre of Mosaics, Dion
12/9 Saturday		Free / Departure		

\* Scientific Team of the Laboratory of Building Materials, AUTH

- Maria Stefanidou, Associate Professor, Dr Geologist
- Vasiliki Pachta, LTS, Dr Architect, Conservator
- Stavroula Konopisi, LTS, Dr Chemist
- Fotini Kesikidou, Civil Engineer
- Irene Tsardaka, MSc Chemist
- Alexandros Liapis, MSc Civil Engineer
- Aspasia Karozou, MSc Civil Engineer
- Eva Tsampali, Civil Engineer
- Eleutherios Anastasiou, Assistant Professor, Dr Civil Engineer
- Michalis Papachristoforou, Dr Civil Engineer
- Alexandros Batsios, LTS, MSc Structural Engineer