

TRAINING SCHOOL PROGRAM

Thursday, November 3, 2011

9:00÷9:30	Registration
9:30÷10:00	Opening Ceremony
10:00÷11:30	<p>1st Session: Vulnerability, Risk Assessment for Monuments I Chair: Lekidis Vassilis, Miltiadou Androniki</p> <ol style="list-style-type: none"> 1. LAGOMARSINO SERGIO: Guidelines for assessment and protection of monuments in seismic areas 2. TASSIOS THEODOSIOS: Compressive strength and critical deformation of masonry under seismic actions 3. SHENDOVA VERONIKA: Protection of Cultural Heritage from Man-made and Natural Disasters
11:30÷12:00	Discussion
12:00÷12:30	Coffee break
12:30÷14:00	<p>2nd Session: Case Studies I Chair: Tassios Theodosios, Vintzilaiou Elli</p> <ol style="list-style-type: none"> 4. PENELIS GIORGOS, STYLIANIDIS KOSMAS & IGNATAKIS CHRISTOS: Strengthening of the Rotunda Minaret in Thessaloniki 5. VINTZILAIU ELLI: Testing a cross vault and a two storey stone masonry building on the earthquake simulator: preliminary experimental results 6. MILTIADOU ANDRONIKI: Interventions for the improvement of the aseismic behavior of masonry monuments: problems, possibilities, perspectives
14:00÷14:30	Discussion
14:30÷16:00	Lunch break
16:00÷17:30	<p>3rd Session: Case Studies II Chair: Ignatakis Christos, Pitilakis Kyriazis</p> <ol style="list-style-type: none"> 7. CACTI-DURUKALESER: Earthquake Performance and Protection of Hagia Sophia Museum and Suleymaniye Mosque 8. DRITSOS STEFANOS: Documentation of a Multi-storey Masonry Building: Corfu Case study 9. IGNATAKIS CHRISTOS & STYLIANIDIS KOSMAS: Mechanical characteristics of virgin and strengthen old brick masonry: Experimental and analytical research
17:30÷18:00	Discussion
18:00÷18:30	Coffee break
18:30÷20:00	<p>4th Session: Vulnerability, Risk Assessment for Monuments II Chair: Kappos Andreas, Patias Petros</p> <ol style="list-style-type: none"> 10. KAPPOS ANDREAS: Available methods for the analysis of structural response of monuments and criteria for their selection 11. KARANTONI FYLLITSA: Configuration and vulnerability of masonry buildings 12. PATIAS PETROS & GEORGOULA OLGA: Contemporary surveying

	technologies in monument documentation
20:00÷20:30	Discussion

FRIDAY, November 4, 2011

9:00÷9:30	Reception
9:30÷11:00	<p>1st Session: Seismic Hazard Assessment I Chair: Kiratzi Anastasia, Theodulidis Nikolaos</p> <p>13. THEODULIDIS NIKOLAOS: Monuments and Seismic Design Actions 14. KARAKOSTAS VASSILIOS: Recent Advances in Seismology with Impact to Monument Protection 15. SCORDILIS EMMANUEL & HATZIDIMITRIOU PANAGIOTIS: Recent models for earthquake prediction: contribution of Hellenic unified seismological network</p>
11:00÷11:30	Discussion
11:30÷12:00	Coffee break
12:00÷13:30	<p>2nd Session: Seismic Hazard & Seismic Risk Assessment II Chair: Papadimitriou Eleftheria, Papazachos Konstantinos</p> <p>16. DRAKATOS GEORGIOS: The contribution of Seismology for monuments protection 17. VOULGARIS NIKOLAOS: Estimation of Seismic Hazard for Monuments 18. MAKRIS NIKOS: Seismic response of free-standing monolithic and multidrum columns of ancient monuments</p>
13:30÷14:00	Discussion
14:00÷15:30	Coffee break
15:30÷17:00	<p>3rd Session: Vulnerability, Risk Assessment for Monuments I Chair: Pantazopoulou Stavroula, Sextos Anastasios</p> <p>19. SEXTOS ANASTASIOS: Numerical analysis methods for the assessment of seismic capacity of historical structures and monuments 20. SYRMAKEZIS KONSTANTINOS: Design-Reinforcement of historical structures 21. SALONIKIOS THOMAS & LEKIDIS VASSILIS: Seismic activity in Peloponnesus (Greece) and response of monumental masonry structures-Seismic evaluation, design and inelastic analysis</p>
17:00÷17:30	Discussion
17:30÷18:00	Coffee break
18:00÷19:30	<p>4th Session: Vulnerability, Risk Assessment for Monuments II Chair: Penelis Georgios, Dritsos Stefanos</p> <p>22. PANTAZOPOULOU STAVROULA: Simplified Model for Seismic Assessment of Traditional Heritage Stone-Masonry Buildings 23. PENELIS GEORGIOS: Quasi-Inelastic Static Analysis of URM Monuments 24. PITILAKIS DIMITRIS, KARATZETZOU ANNA, TSINIDIS GRIGORIS & PITILAKIS KYRIAZIS: Seismic vulnerability of monuments: Improvement of</p>

	seismic risk assessment of monuments and historical aggregates
19:30÷20:00	Discussion – Concluding Remarks

SATURDAY, November 5, 2011

In situ visit to three monuments in Thessaloniki – Case Studies **Penelis Georgios, Ignatakis Christos, Stylianidis Kosmas**

9:00÷9:30	Pre-gathering of the participants at “Kamara” Square and separation in three teams – Then, team rotation to visit the monuments
10:00÷12:00	1st Team: Rotunda 2nd Team: Acheiropoiitos Church 3rd Team: Saint Panteleimon Church