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"THE TECHNOLOGICAL EDUCATIONAL INSTITUTE OF IONIAN ISLANDS AS AN INTERNATIONAL EDUCATION AND INNOVATION POLE"

PROGRAMME OF THE INTERNATIONAL WORKSHOP ON SEISMIC HAZARD AND EARTHQUAKE ENGINEERING

WEDNESDAY 24 SEPTEMBER 2014

MORNING SESSIONS

- 09.00 – 09.30 Registration
- 09.30 – 09.50 Welcome Address
- 09.50 – 10.10 **CARYDIS P.:** INTRODUCTION TO THE WORKSHOP
- 10.10 – 11.30 **Seismo - Tectonic Issues**
- 10.10 – 10.35 **LEKKAS E. :** THE GEODYNAMIC AND SEISMOTECTONIC SETTING OF CEPHALONIA (IONIAN SEA, WESTERN GREECE) AS FACTOR CONTROLLING THE DISTRIBUTION OF EARTHQUAKE ENVIRONMENTAL EFFECTS AND STRUCTURAL DAMAGE INDUCED BY THE EARLY 2014 EARTHQUAKES (JANUARY 26th AND FEBRUARY 3rd, Mw 6.0)
- 10.35 – 11.00 **PAPADOPOYLOS G.:** IMPROVING SEISMIC HAZARD ASSESSMENT BEYOND STANDARD BUILDING CODES
- 11.00 – 11.25 **MAKROPOULOS K.:** INTEGRATED TRAINING COURSE IN EARTHQUAKE RISK REDUCTION PRACTICES
- 11.25 – 11.55 Coffee Break
- 11.55 – 13.30 **Seismo - Tectonic Issues** (continuation)
- 11.55 – 12.20 **CHOULIARAS G.:** THE RAPID DEPLOYMENT OF PORTABLE SEISMOGRAPHIC NETWORKS FOR REAL-TIME EARTHQUAKE HAZARD ASSESSMENT
- 12.20 – 13.30 **Discussion on Seismo - Tectonic Issues**
- 13.30 – 15.10 Lunch Break

AFTERNOON SESSION

- 15.10 – 18.30 **Strong Motion Issues**
- 15.10 – 15.30 **PAPAIOANNOU C.:** ENGINEERING SEISMOLOGICAL ASPECTS OF THE CEPHALONIA JANUARY-FEBRUARY 2014 EARTHQUAKE SEQUENCE
- 15.30 – 15.50 **PANAGIOTOY M.:** REPRESENTATION AND CHARACTERIZATION OF NEAR-FAULT PULSE-LIKE GROUND MOTIONS AND THEIR EFFECTS ON NONLINEAR STRUCTURAL RESPONSE: IMPLICATIONS FOR DAMAGE-RESISTANT DESIGN OF STRUCTURES IN CEPHALONIA
- 15.50 – 16.10 **TAFLAMPAS I.:** PRESENTATION OF THE DIRECTIVITY PHENOMENON
- 16.10 – 16.30 **STYLIANIDIS K.:** PILOT SITE FOR INVESTIGATIONS ON SEISMIC GROUND MOTION IN CEPHALONIA

- 16.30 – 16.50 **BOYCKOVALAS G.:** CEPHALONIA 26/1 & 3/2/2014 EARTHQUAKES: REVIEW OF GEOTECHNICAL FAILURES AND REPAIR MEASURES
- 16.50 – 17.20 Coffee Break
- 17.20 – 18.30 **Discussion on Strong Motion Issues**
- 20.00 – 21.30 Dinner

THURSDAY 25 SEPTEMBER 2014

MORNING SESSIONS

- 09.30 – 11.10 **Earthquake Resistant Design and Response of Contemporary Structures Issues**
- 09.30 – 09.50 **PENELIS G.:** RRE-EARTHQUAKE MITIGATION OF THE EXISTING BUILDING STOCK
- 09.50 – 10.10 **MANOS G.:** CONSEQUENCES ON THE URBAN ENVIRONMENT IN GREECE RELATED TO THE RECENT INTENSE EARTHQUAKE ACTIVITY – THE CASE OF THE KEFALONIA 2014 EARTHQUAKE SEQUENCE
- 10.10 – 10.30 **STYLIANIDIS K.:** STRATEGY ON PRE-EARTHQUAKE EVALUATION, ASSESSMENT AND STRENGTHENING OF EXISTING PUBLIC BUILDINGS
- 10.50 – 11.10 **MODENA C.:** CRITERIA AND TECHNOLOGIES FOR THE MITIGATION OF EARTHQUAKE INDUCED EFFECTS ON BUILDINGS AND TRANSPORTATION INFRASTRUCTURES
- 11.10 – 11.40 Coffee Break
- 11.40 – 13.30 **Earthquake Resistant Design and Response of traditional Structures Issues**
- 11.40 – 12.00 **MODENA C.:** CRITERIA AND TECHNOLOGIES FOR THE MITIGATION OF EARTHQUAKE INDUCED EFFECT ON CULTURAL HERITAGE
- 12.00 – 12.20 **PSYCHARIS I.:** PROBLEMS AND UNCERTAINTIES IN DESIGNING INTERVENTION TO HISTORICAL BUILDINGS
- 12.20 – 12.40 **KOUTSADELIS D.:** THE ARCHITECTURAL HERITAGE OF CEPHALONIA AT RISK: THE NEED FOR A COHERENT PLAN OF RESTORATION OF THE STONE MASONRY BUILDINGS OF THE ISLAND
- 12.40 – 13.30 **Discussion on Earthquake Resistant Design Issues**
- 13.30 – 15.10 Lunch Break

AFTERNOON SESSION

- 15.10 – 17.00 **Earthquake Preparedness and Seismic Insurance Issues**
- 15.10 – 15.30 **STYLIANIDIS K.:** PREPAREDNESS POLICY AGAINST EARTHQUAKES IN GREECE
- 15.30 – 15.50 **FRANCO G.:** EARTHQUAKE MITIGATION STRATEGIES THROUGH INSURANCE
- 15.50 – 16.10 **POMONIS A.:** THE GEM EARTHQUAKE CONSEQUENCES DATABASE
- 16.10 – 17.00 **Discussion on Earthquake Preparedness and Seismic Insurance Issues**
- 17.00 – 17.30 Tea Break
- 17.30 – 18.30 **General Discussion and Response to Questions from the Audience**
- 18.30 – 19.00 **Termination of the Workshop and Concluding Remarks**
- 20.00 – 21.30 Dinner