



## INTERNATIONAL CONFERENCE ON SEISMIC DESIGN AND REHABILITATION OF BUILDINGS COURTYARD MARRIOTT HOTEL, TBILISI, GEORGIA

Thursday, 29<sup>th</sup> May 2014

9.00 – Opening

9.30 – **“Antiseismic Policy of Greece”**

Prof<sup>a</sup>. Evangelia-Linda Pelli (Europ. Cent. for Prevention and Forecasts of Earthquakes)

10.10 – **“Seismic Risk Mitigation Studies. The Portuguese Experience”**

Prof. Alfredo Campos Costa (National Laboratory for Civil Engineering)

10.50 – Discussion

11.00 – Coffee break

11.15 – **“Seismic Behavior of Buildings”**

Prof. Peter Fajfar (Univ. of Ljubljana)

12.55 – **“Problems of preservation-modernization of urban housing stock and reliability of existing building structural systems in conditions of increased seismicity of territory of Georgia”**

N. Edisherashvili, R. Kakhidze, O. Tsitsilashvili (Batumi Shota Rustaveli Univ.)

12.35 – Discussion

13.00 – Lunch

14.30 – **“The EUROCODE 8 – Applications to Buildings and Bridges”**

Prof. João Azevedo (IST - Univ. of Lisbon)

15.10 – **“Increasing of buildings seismic stability by application of seismic insulation”**

Prof. M. Bediashvili (Georgian Technical University)

15.50 – Discussion

16.15 – Coffee break

16.30 – 5 Georgian short presentations

18.00 - Closure

## Friday, 30th May 2014

### 9.00 – **"Seismic Structural Consolidation of Historical and Monumental Buildings Using FRP and the Most Recent Technologies"**

Prof. Andrea Giannantoni (Univ. of Ferrara, Italy)

### 9.40 – **"Seismic Structural Consolidation of Historical and Monumental Buildings Using Steel: Interventions on Foundations and Elevations"**

Prof. Massimo Mariani (Univ. of Perugia)

10.20 – Discussion

10.40 – Coffee break

### 11.00- ***"Changes in Seismic Response due to Ground Surface Subsidence in Mexico City "***

Prof. Raúl Aguilar Becerril (Univ. Iberoamericana, Mexico)

### 11.40 – **"On the influence of underground water on the earthquake of buildings and structures"**

V.S. Sarkissyan, A.E. Khachatryan (Yerevan State Univ. of Arch. Construction)

12.20 – Discussion

13.00 – Lunch

### 14.30 – **"Seismic Rehabilitation of Reinforced Concrete Structures"**

Prof. Tugrul Tankut (Middle East Technical University, Ankara, Turkey)

### 15.10- **"Analysis of composite orthogonal plates"**

R. Tskvedadze, G. Kipiani, D. Tabatadze (Georgian Technical University)

15.50 – Discussion

16.10 – Coffee break

16.30 – 5 Georgian short presentations

18.00 – Closing ceremony

18. 30 – Closure