

XVIIth International Conference on Soil Mechanics & Geotechnical Engineering

Earthquake Geotechnical Engineering

Satellite Conference

TC4 of ISSMGE

2-3 October 2009

Second Announcement

Alexandria, Egypt

INVITATION

The Egyptian National Society of Soil Mechanics and Geotechnical Engineering and the Technical Committee (TC4) on Earthquake Geotechnical Engineering of the International Society for Soil Mechanics and Geotechnical Engineering take great pleasure in their cordial invitation to attend the Satellite Conference on Earthquake Geotechnical Engineering to be held in Alexandria prior to the XVIIth ICSMGE.

SCIENTIFIC PROGRAMME

Friday 2 October 2009

Opening Session: 8:00-9:00

Mohamed Sakr and Ibrahim Darwish "Egyptian Historical Earthquakes and under water Archaeology"

Technical Session 1: 9:00-10:30

9:00-9:30 W.D.L. Flinn "Developments in Performance Based Design: Incremental Dynamic Analysis and the Conditional Mean Spectrum"

9:30-10:00 A. Elgamal "Static and Dynamic Earth Pressure: Full-scale Testing and Analysis"

10:00-10:30 A. Ansal "Site Specific Earthquake Characteristics"

Coffee Break 10:30:11:00

Technical Session 2: 11:00-12:30

11:00-11:30 G. Gazetas "Dynamics of Batter Piles"

11:30-12:00 A. Pecker "Non linear Soil Structure Analysis through Macro Element Modeling"

12:00-12:30 M. Pender "Macro Element for Pile Head Cyclic Lateral Loading"

Lunch 12:30-14:00

Technical Session 3: 14:00-16:00

14:00-14:30 I. Towhata "Geotechnical Aspects of 2008 Wenchuan Earthquake, China"

14:30-15:00 S. Yasuda "Study on the Method for the Seismic Design of Expressway Embankments"

15:00-16:00 : 5 oral presentations (10min each)

Coffee Break 16:00-16:30

Technical Session 4: 16:30-18:30

16:30-17:00 K. Pitilakis "Experimental and Theoretical SSI Studies in a Model Structure in Euroseistest"

17:00-17:30 **M. Maugeri** "Soil-Structure Interaction for Seismic Improvement of Noto Cathedral (Italy)"

17:30-18:30 : 5 oral presentations (10min each)

Saturday 3 October 2009

Technical Session 5: 8:00-10:00

8:00-8:30 **K. Ishihara** "Deep-Seated Massive Landslides and Performances of Rock-Fill Dams during Large Earthquakes"

8:30-9:00 **H. El-Naggar** "Bridging the Gap between Structural and Geotechnical Engineers in SSI for Performance-Based Design"

9:00-10:00 : 5 oral presentations (10min each)

Coffee Break 10:00-10:30

Technical Session 6: 10:30-12:30

10:30-11:00 **R. Verdugo** "Singular Soils of Seismic Regions"

11:00-11:30 **I. Shahrour** "Soil Reinforcement in Seismic Areas"

11:30-12:30 : 5 oral presentations (10 min each)

Lunch 12:30-13:30

Technical Session 7: 13:30-16:00

13:30-14:00 **K. Stokoe II** "Field and Laboratory Measurements of Uncemented and Cemented Alluvial Materials"

14:00-14:30 **T. Kokusho** "Effect of Fines and Aging on Liquefaction Strength and Cone Resistance of Sand In Triaxial Apparatus"

14:30-15:00 **M. Maugeri et al.** "Geotechnical Aspects on the Abruzzo 2009 Earthquake"

15:00-16:00 : 5 oral presentations (10min each)

Coffee Break 16:00-16:30

Technical Session 8: 16:30-18:30

16:30-17:00 **K. Tokimatsu** "Lessons learned from Geotechnical Problems in the 2007 Niigata-ken Chuetsu-Okai Earthquake"

17:00-17:30 **M. Cubrinovski** "Analysis of Piles in Liquefying Soils by the Pseudo-Static Approach"

17:30-18:30 : 5 oral presentations (10min each)

Date and Place

The Earthquake Geotechnical Engineering Satellite Conference will be held on 2-3 October 2009 at Sheraton Al-Montazah Hotel, Alexandria, Egypt.

Conference Expenses

To meet the expenses of lunch, coffee breaks, abstract volume, CD, name cards, and etc. for the two days of the conference, the participants are kindly required to pay 150 USD until August 31 to **Wings Tours** (walx.mgr@wingsegypt.com). Late payment will be 175 USD after August 31.

Social Activities by Wings Tours (walx.mgr@wingsegypt.com)

Recommended: Sheraton Al-Montazah Hotel, Alexandria 5* Special Price for TC4 Conference, Gala dinner will be on Friday night at Sheraton and will cost USD 65.0 per person, Sunday 04.10.2009: Cairo full day Tour Pyramids + Egyptian Museum + Lunch on Nile Cruises and Sound & Light show at evening for 95.0 U.S.D

International Advisory Committee

A.Ansal and T.Kokusho (Co-Chairman)

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K.Tokimatsu, Japan

M.Vucetic, USA

L. Wang, China

Proceedings

An abstract volume and CD containing all the papers reviewed and accepted by the International Advisory Committee will be published before the conference.

Conference Organiser

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