

## NEWS ON RECENT CONFERENCE

### International Symposium on Advances in Foundation Engineering (ISAFE 2013), Singapore, 5-6 Dec 2013

The International Symposium on Advances in Foundation Engineering (ISAFE 2013) was successfully held in conjunction with the Sixth Annual General Meeting of the Geotechnical Society of Singapore (GeoSS) in Singapore between 5 and 6 Dec 2013. ISAFE2013 was organized by the Geotechnical Society of Singapore, the National University of Singapore, and the Building and Construction Authority. The symposium was chaired by Professor Kok-Kwang Phoon (National University of Singapore) and Er. Tong Seng Chua (President, GeoSS).

GeoSS organizes a thematic international conference every 2 years as a highlight event to advance knowledge in a topical issue in geotechnical engineering. The purpose of this international symposium is to gather designers, consultants, contractors, regulators, researchers and other stakeholders together in a single forum to address all aspects of foundation engineering, including present state of art/state of practice and challenging issues facing the profession. The basic goal is to share information on how to do the job most effectively with lowest risk and impact on the environment.

The proceedings contain 50 papers from 15 countries (Australia, Canada, China, Egypt, Germany, Hong Kong, India, Indonesia, Japan, Korea, Malaysia, Singapore, Taiwan, Turkey, and United States). Contributions in this proceedings covered topics such as modelling and analysis, design, ground improvement, load test, and case studies. The symposium was opened by Er. Tong Seng Chua (President, GeoSS), Er. Keat Chuan Chew (Building and Construction Authority, Singapore), and Professor Ikuo Towhata (ISSMGE Vice President for Asia). Highlights of the symposium include a special session on "Singapore Piling Practice" organized by the GeoSS Piling Group, two special sessions organised by our young engineers from Student and Young Geotechnical Society of Singapore (SYGeoSS), TC212 (Deep Foundations) committee meeting (chaired by Professor Rolf Katzenbach), and the following keynote/special lectures:

#### Keynote Lectures

1. Independent Peer Review as a Guarantee for Safety, Serviceability and Optimization of Deep Foundation Systems (Rolf Katzenbach and Steffen Leppla)
2. Some Observations on Resistance Factors and Foundation Capacity in Reliability-Based Design (Fred H. Kulhawy)
3. Effect of Installation of New Foundations on Adjacent Piles (Yean Khaw Chow, Z. Chen, K. K. Tho and C. F. Leung)
4. Tall Tower Foundations - From Concept to Construction (Chris Haberfield)
5. Foundation Design and Construction in Limestone Formation: A Malaysian Consultant's Experience (Tan Yean-Chin and Chow Chee-Meng)
6. Settlement Estimation for Foundations of High-Rise Buildings in Singapore (Teoh Yaw Poh and Tiong Guan Ng)
7. Three-Dimensional Centrifuge and Numerical Investigation of the Performance of Piled Foundations Subjected to Deep Excavation (Charles W. W. Ng and S. Y. Peng)
8. Implications for Design of Piled Raft Foundations Subjected to Lateral Loading (Tatsunori Matsumoto)

#### Special Lectures

1. Experimental Validation of Relationship Between Particle Movement and Ageing Effect in Liquefaction Resistance of Sand (Yuki Shintaku and Ikuo Towhata)
2. Performance and Analysis of Non-Conventional Uplift Piles in Soft Ground (Maosong Huang, Jiangu Qian and Chenrong Zhang)

The Sixth GeoSS Annual General Meeting was held before the conference banquet on 5 Dec and Dr. Tiong Guan Ng (Golder Associates) was elected as the President for GeoSS (2014-2015). Professor Kok-Kwang Phoon delivered the closing address for ISAFE2013 on 6 Dec.

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Welcome Address by Tong Seng Chua, President of GeoSS



ISAFE2013 Delegates

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International Symposium on Advances in Foundation Engineering (ISAFE 2013), Singapore, 5-6 Dec 2013 (CONTINUED)



Keynote lecture by Prof Rolf Katzenbach



Special Lecture by Prof I. Towhata, ISSMGE Vice President for Asia

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Editors of ISAFE2013



Secretary of TC212 Deep Foundations, Prof Dr. Deepankar Choudhury

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Special session on Singapore Piling Practice



Closing Ceremony by Chair of ISAFE2013, Prof KK Phoon