

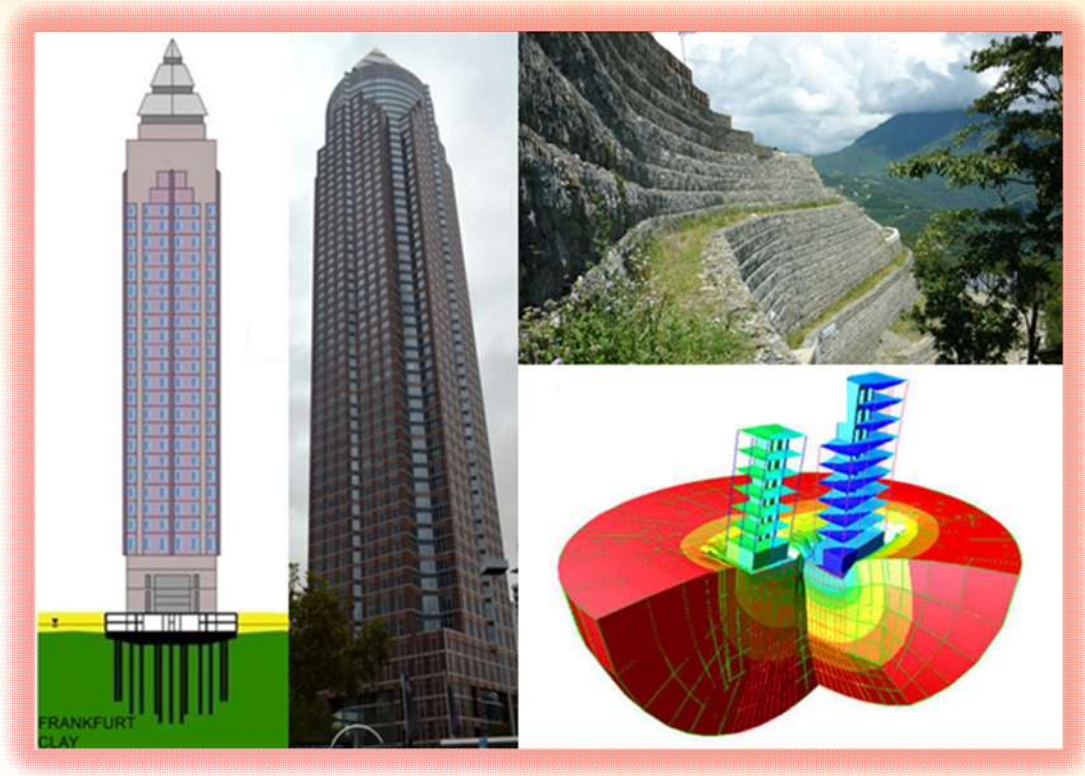
FINAL BULLETIN

Pre-Conference Workshop of Indian Geotechnical Conference, IGC-2015

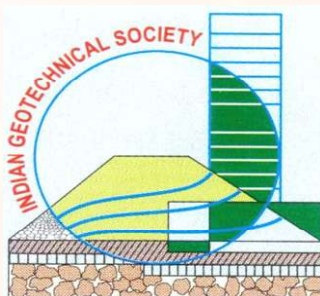
International Society for Soil Mechanics and Geotechnical Engineering (ISSMGE) Joint Workshop of TC 207 and TC 212

Advances in Soil-Structure Interaction and Deep Foundations

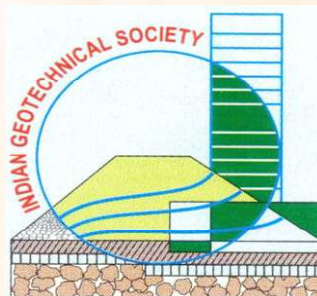
16th December, 2015



Jointly Organized by



IGS New Delhi



IGS Pune Chapter



ISSMGE

Venue: Hotel Courtyard Marriott, Pune City Centre, India.

C.T.S. No. 37 & 37/1, Next to Jehangir Hospital, Bund Garden Road, Pune 411001, India.

(<http://www.marriott.com/hotels/travel/pnqcy-courtyard-pune-city-centre/>)

Welcome to ISSMGE Joint Workshop of TCs (207+212)

The Indian Geotechnical Society (IGS) in association with International Society for Soil Mechanics and Geotechnical Engineering (ISSMGE) welcomes you to the Joint Workshop of ISSMGE's Technical committees TC 207 (Soil-Structure-Interaction and Retaining Walls) and TC 212 (Deep Foundations) to be held in Pune, India on 16th December 2015. The workshop will focus on the recent advances and the developments that are taking place in the area of Soil-Structure-Interaction, Retaining Walls and Deep Foundations. Members of the TC 207 and TC 212 have contributed significantly to the research and practice in those areas. Speakers from various parts of the world will be presenting new trends in Soil-Structure-Interaction, Retaining Walls and Deep Foundations.

Contents of the Workshop

Experts from various countries will deliver keynote / invited lectures on the following topics:

- Determination of the soil-structure interaction - examples from engineering practice
- Design of foundations in urban areas
- Construction of underground walls in Urayasu to mitigate liquefaction damage and in Fukushima No. 1 Nuclear Power Plant to stop radioactive leakage
- Modelling and Analysis of Reinforcement-Backfill Interactions
- Foundation considerations for two tall towers
- Overview of the damage and lessons learned from the 2015 Nepal Earthquake
- Influence of seepage force on active and passive thrust for design of a rigid cut-off wall
- Flat dilatometer (DMT) – Deformation parameters, compaction, liquefaction
- Design of earth retaining structures and tailing dams under static and seismic conditions
- Gravi-loft technology: The cost effective and time saving solution for earth retention
- Evolved earth pressure during excavation against a combined sheet pile wall enhanced by H sections: Centrifuge test

Keynote and Invited Speakers

Dr. Michael Lisyuk, Chairman TC 207, Russia.
Prof. Ikuo Towhata, ISSMGE VP (Asia), Japan.
Prof. M. R. Madhav, Former ISSMGE VP (Asia), India.
Prof. Rolf Katzenbach, Former Chairman TC 212, Germany.
Dr. Chris Haberfield, Member TC 207, Australia.
Prof. Hemanta Hazarika, Member TC 207, Japan.
Prof. N. K. Samadhiya, Member TC 207, India.
Prof. S.R. Gandhi, Member TC 212, India.
Prof. Silvano Marchetti / Er. Diego Marchetti, Italy.
Dr. Sanjay Nimbalkar, Australia.
Er. Vikas S. Patil, CMD, Savi Infra, India.
Mr. Haoyu Sun, China.

Registration Fee

Category	Up to 31 st Oct. 2015	After 31 st Oct. 2015
IGS/ISSMGE/TC 207/TC 212 Member	INR 1000/ USD 30	INR 1200/ USD 40
Non-IGS/Non-ISSMGE Member	INR 1200/ USD 40	INR 1500/ USD 50
Students (with valid student ID)	INR 800/ USD 25	INR 800/ USD 25

Note: Only first Eighty (80) registered delegates (including student delegates of maximum first 20 registered) can attend this workshop due to limitation of space available at venue.

Registration for workshop

Registration is CLOSED. No more registration is possible due to shortage of space in the venue of the workshop. Participation in the workshop is strictly by Invitation and Confirmed registration only.

Schedule of workshop

Time (IST)	Speaker	Title of Presentation
9.00-9.45 Inauguration		
IGS President Prof. A. Sreerama Rao, IGS Secretary Er. Jai Bhagwan, ISSMGE Vice President (Asia) Prof. Ikuo Towhata, ISSMGE TC 207 Chair Dr. Michael Lisyuk, ISSMGE TC 212 Former Chair Prof. Rolf Katzenbach, ISSMGE TC 207 Secretary and former TC 212 Secretary Prof. Deepankar Choudhury, IGC 2015 Chair Er. Ramesh Kulkarni		
9.45-10.15 Tea Break		
Technical Session-I (10.15-12.45)		
10.15-10.45	Prof. Rolf Katzenbach, Germany	Determination of the soil-structure interaction - examples from engineering practice
10.45-11.15	Dr. Michael Lisyuk, Russia	Design of foundations in urban areas
11.15-11.45	Prof. Ikuo Towhata, Japan	Construction of underground walls in Urayasu to mitigate liquefaction damage and in Fukushima No. 1 Nuclear Power Plant to stop radioactive leakage
11.45-12.15	Prof. M. R. Madhav, India	Modelling and Analysis of Reinforcement-Backfill Interactions
12.15-12.45	Prof. S.R. Gandhi, India	Title to be confirmed soon
12.45-14.00 Lunch Break		
Technical Session-II (14.00-15.30)		
14.00-14.30	Dr. Chris Haberfield, Australia	Foundation considerations for two tall towers
14.30-15.00	Prof. Hemanta Hazarika, Japan	Overview of the damage and lessons learned from the 2015 Nepal Earthquake
15.00-15.30	Prof. N. K. Samadhiya, India	Influence of seepage force on active and passive thrust for design of a rigid cut-off wall
15.30-16.00 Tea Break		
Technical Session-III (16.00-17.30)		
16.00-16.30	Prof. Silvano Marchetti / Er. Diego Marchetti, Italy	Flat dilatometer (DMT) – Deformation parameters, compaction, liquefaction
16.30-16.50	Dr. Sanjay Nimbalkar, Australia	Design of earth retaining structures and tailing dams under static and seismic conditions
16.50-17.10	Er. Vikas S. Patil / Mr. Malhar V. Patil, India	Graviloft technology: The cost effective and time saving solution for earth retention
17.10-17.30	Mr. Haoyu Sun, China	Evolved earth pressure during excavation against a combined sheet pile wall enhanced by H sections: Centrifuge test
17.30-18.00 Concluding Session		
Dr. Michael Lisyuk, Prof. Rolf Katzenbach, Prof. Deepankar Choudhury, Dr. V. Balakumar, Prof. G. Madhavi Latha, Prof. Yashwant Kolekar		

Organising and Technical Committee

President, IGS New Delhi, India	Prof. A. Sreerama Rao
Vice President (Asia), ISSMGE	Prof. Ikuo Towhata
Former Vice President (Asia), ISSMGE	Prof. M. R. Madhav
Secretary, IGS New Delhi, India	Er. Jai Bhagwan
Chairman, IGS Pune Chapter and Organising Chairman	Er. Ramesh K. Kulkarni
Secretary, IGS Pune Chapter	Dr. Yashwant A. Kolekar
Chairman of ISSMGE's TC 207	Prof. Michael Lisyuk
Former Chairman of ISSMGE's TC 212	Prof. Rolf Katzenbach
Secretary of ISSMGE's TC 207 and Former Secretary of ISSMGE's TC 212	Prof. Deepankar Choudhury
Members of ISSMGE's TC 207	Dr. V. Bala Kumar
	Prof. G. Madhavi Latha
	Prof. N. K. Samadhiya
Members of ISSMGE's TC 212	Prof. S.R. Gandhi
	Dr. K.S. Ramakrishna

Contact Information

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