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Previous International Conferences by SLGS

Registration Information

Early Bird Registration Fee for Foreign Participants = 500 US$*
Regular Registration Fee for Foreign Participants = 550 US$*
Registration Fee for Local Participants = 25,000 LKR

*Conference dinner is included in the registration fee

Contact Details

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ICGE - Colombo - 2020
3rd International Conference in Geotechnical Engineering
August 10 and 11, 2020
Colombo, Sri Lanka

Themes

- Site Investigation
- Earthquake Engineering
- Landslides & Slope Stability
- Ground Subsidence
- Problematic Soils
- Ground Improvement
- Analytical & Numerical Modelling
- Foundations
- Tunnelling & Deep Excavations
- Transportation Geotechnics
- Offshore & Harbour Geotechnics
- Environmental Geotechnics
- Geosynthetics
- Engineering Geology & Rock Engineering
- Instrumentation & Monitoring
- Energy Geotechnics
- Case Histories

Important Dates

Acceptance of abstracts - 25 March 2019
Notification of acceptance of abstracts - 24 June 2019
Receipt of the full paper for reviewing - 14 October 2019
Notification of acceptance of full paper - 13 January 2020
Receipt of the final camera ready papers - 10 February 2020

Organized by:

Sri Lankan Geotechnical Society (SLGS)

Under the auspices of:

International Society for Soil Mechanics and Geotechnical Engineering (ISSMGE)
Keynote Lecture - Prof Charles W.W. Ng
Unsaturated Soils and Slope Stability

Prof Charles W.W. Ng is the current President of ISSMGE. He obtained his PhD from the University of Bristol in 1993 and is the CLP Holdings Chair Professor of Sustainability in the Department of Civil and Environmental Engineering at the Hong Kong University of Science and Technology. He is a Fellow of the Institution of Civil Engineers (FICE), the American Society of Civil Engineers (FASCE), and the Hong Kong Academy of Engineering Sciences.

Prof Ng has published some 280 SCI journal articles and 230 conference papers and delivered more than 50 keynotes and state-of-the-art reports in five continents. He is the main author of the book on Advanced Unsaturated Soil Mechanics and Engineering published by Taylor & Francis. He received the 2017 Telford Premium Prize from the Institution of Civil Engineers and R. M. Quigley “Best Paper” Award from the Canadian Geotechnical Society in 2007, 2012 & 2016. In 2017 he delivered the Huangwenxi Lecture, which is the most distinguished named lecture in geotechnical engineering in China.

Keynote Lecture - Distinguished Prof Buddhima Indraratna
Ground Improvement for Rail and Road Infrastructure

Distinguished Professor Buddhima Indraratna (FTSE, FIE Aust, FASCE, FGS, Faus IMM) is a civil engineering graduate from Imperial College, London, and obtained his PhD from the University of Alberta in 1987. He worked in industry in several countries before becoming an academic and has been a United Nations Expert and Foreign Advisor to numerous overseas projects. Professor Indraratna’s pioneering contributions to Ground Improvement, Soft Soil Engineering and Transport Geotechnology and various other aspects of geotechnical engineering have been acknowledged through numerous national and international awards, including the 1st Ralph Proctor Lecture and 4th Louis Memard Lecture of the ISSMGE; The Engineers Australia Transport Medal in 2011, Thomas Telford Premiun Award, 2015 (ICE, UK), 2009 EH Davis Memorial Lecture of Australian Geomechanics Society; and 2014 CS Desai Medal for his substantial and sustained contributions to Transport Geotechnics and Ground Improvement, respectively. Recently, he was the recipient of the 2017 Outstanding Contributions Medal of IACMAS. The New South Wales Minister of Transport awarded Professor Indraratna the 2015 Australasian Railway Society’s Outstanding Individual Award at the State Parliament. His pioneering contributions to railway engineering and ground improvement earned him the Fellowship of the Australian Academy of Technological Sciences and Engineering (FTSE) in 2011. Professor Indraratna has developed unique process simulation laboratory equipment for geomaterials and computational methodologies for predicting the dynamic response of transport infrastructure. His research has influenced national and international technical standards pertinent for large scale testing, transport embankments, port reclamation and site investigations.

Keynote Lecture - Prof Krishna Reddy
Modeling Coupled Dynamic Processes in Landfills: Holistic Long-Term Performance Management to Improve Sustainability

Professor Krishna Reddy is a Professor of Civil and Environmental Engineering and the Director of the Sustainable Engineering Research Laboratory & the Geotechnical and Geoenvironmental Engineering Laboratory at the University of Illinois, Chicago, USA. Dr. Reddy’s research expertise includes geotechnical engineering, environmental site remediation, waste management/landfills, and sustainable engineering. Dr. Reddy has authored four books and over 200 journal papers. Dr. Reddy serves as Associate Editor/Editorial Board Member of over 10 Journals. Dr. Reddy has received several awards for excellence in research and teaching, including the ASTM Hogen toger Award, the ASCE Wesley W. Horner Award, the University of Illinois Scholar Award, and the University of Illinois Award for Excellence in Teaching. He is a Fellow of the American Society of Civil Engineers (FASCE).

Sri Lankan Geotechnical Society (SLGS) is pleased to announce its International Conference in Geotechnical Engineering (ICGE – Colombo-2020) to be held on 10 and 11 August 2020 in Colombo. ICGE – Colombo brings together the world community of engineers and scientists in every branch of geotechnical engineering. The conference will serve as a forum for reviewing the current state of the field and discussing future directions and exciting developments.

The proceedings will be published as a printed book and a CDROM containing the full-length papers.

The venue for the conference is the Cinnamon Grand Hotel, located in the very heart of Colombo, the financial capital of the beautiful island of Sri Lanka, one of the finest five-star hotels in Sri Lanka with the best of dinning, accommodation and entertainment facilities facing the foaming ripples of the Indian Ocean. Special hotel room rates have been negotiated for conference participants.

In addition, special technical and sightseeing tours will be organized for participants. Sri Lanka’s heritage, wildlife in national parks, beautiful beaches and recent mega developments. Participants would be able to travel to any part of the country, from North to South, with trusted security.

Keynote Lecture - Dr Brian Simpson
Deep Excavations and Tunnelling

Dr Brian Simpson, OBE FREng MA PhD FICE Eur Ing is an Arup Fellow, a Principal of Arup Geotechnics and an Honorary Professor at the University of Nottingham, UK. His pioneering research on the applications of finite element analysis to the highly non-linear behaviour of soils earned him a PhD from Cambridge in 1971.

He was the BGA Rankine Lecturer in 1992. He presented a State-of-the-Art report on Geotechnical Analysis and Design at the 2009 international conference of ISSMGE. Since the early 1980’s, he has been involved in the development of Eurocode 7 (Geotechnical Design) and has authored two commentaries on Eurocode 7 and several papers on various related issues.

He has worked on a wide range of geotechnical and ground-structure interaction problems, maintaining particular interests in numerical modelling, retaining structures, foundations and tunnels. He was one of the expert witnesses invited to the Public Enquiry in Singapore following the collapse of the Nicoll Highway Station during construction in 2004-5.

Keynote Lecture - Dr Chris Haberfield
Piled Foundations – Soil Structure Interaction

Dr Chris Haberfield is a Principal and a Principal Geotechnical Engineer with Golder Associates Pty Ltd. He is internationally recognised for his work on foundation structure interaction in soft, weak and weathered rock and in particular the analysis, design, laboratory and field testing, construction techniques and response of engineering works (e.g. foundations) in these materials. Chris has extensive experience in piled foundation design and analysis, numerical (including advanced finite element) and analytical modelling, laboratory and field testing of geomaterials, stress analysis, ground structure interaction problems and slope stability analyses.

Chris brings high level engineering skills and technical knowledge and a practical approach which have been developed through 20 years of research and teaching and high level consulting to industry as an academic followed by 17 years as a consultant solving high level technical issues for a wide variety of projects. Of direct relevance to this talk, Chris has been responsible for review, value engineering, engineering design, analysis, construction and testing advice for numerous low to high rise commercial and residential towers, deep basements, road/rail separations, bridges, embankments, tunnels, mines and other developments and infrastructure projects in a wide range of ground conditions from soft soil to hard rock. Some examples include design, value engineering and review for many high rise and/or deep basement developments in Australia and the Middle East (including the 1.2 km high Nakheel tower in Dubai), Chris is the recipient of the 2007 EH Davis Memorial Lecture and the 2nd Gregory Tschebotarioff Lecture (2017).