



GEO Symposium

**Southeast Symposium of
Recent Developments in Geotechnics
with Themed Workshops on Offshore Geotechnics**

8th – 9th July 2017

Southeast University, Nanjing, P.R. China

Welcome:

We cordially invite you to the 2017 Southeast Symposium of Recent Developments in Geotechnics, which will be held on 8th – 9th July 2017 at Southeast University, Nanjing, China. The symposium provides a research exchange platform and development opportunity for us, researchers at Southeast University in the field of geomechanics and geotechnical engineering, in joining hands with you, our existing and potential friends, research collaborators and industrial partners. With common research interests and passion, we will exchange our latest progress in fundamental and applied geotechnical research, explore new scientific frontiers and develop inspiring new ideas and strategic plan to tackle real world geo-engineering challenges in energy, environment and sustainable development.

This symposium will present a great opportunity to share your exciting discoveries in a liberal and supportive environment. We in particular encourage participants interested in joining us or collaborating with us. We welcome contributions from all research areas in geomechanics and geotechnical engineering. It is also part of our initiatives to raise research profile at the national and international level and to recruit internationally competent academic staff to catalyse new developments as well as to strengthen existing capacities.

We also organise themed workshops to promote focused discussions, scholarly debates and fruitful collaboration. This year's symposium will feature the theme "offshore geotechnics", organised by Profs. Guo-Liang Dai, Wei-Min Gong, Xia Li and Xue-Liang Zhao (Chair), with support and confirmed participation from China Three Gorges Corporation (三峡集团), Shanghai Donghai Wind Energy Co., Ltd (上海东海风力发电有限公司), Shanghai Investigation, Design & Research Institute Co., Ltd. (上海勘测设计研究院有限公司), China National Offshore Oil Corporation (CNOOC 中国海洋石油总公司), and The China Communications Construction Company - Second Harbor Engineering Company (SHEC 中交第二航务工程局有限公司) among others. By bringing researchers and practitioners in one room, we will bridge the gap from fundamentals to applications.

We look forward to welcoming you in Nanjing!

Prof. Xia Li

A handwritten signature in black ink, appearing to read 'Xia Li'.

On behalf of symposium organisers

International advisory committee:

Prof. Yu-Jun Cui, Ecole des Pans ParisTech, France
Prof. Yannis Dafalias, UC Davis, USA
Prof. Andrew Dawson, University of Nottingham, UK
Prof. Yun-Tian Feng, Swansea University, UK
Prof. Jie Han, Kansas University, USA
Prof. Francois Nicot, IRSTEA Grenoble, France
Prof. Mark Randolph, University of Western Australia, Australia
Prof. Kenichi Soga, UC Berkeley, USA
Prof. Wei Wu, University of Natural Resources and Life Sciences, Austria
Prof. Jian Zhao, Monash University, Australia

Symposium organisers:

Yong-Feng Deng, Yan-Jun Du, Lei He, Xia Li (Chair), Xue-Liang Zhao

Organisers for the themed workshops on offshore geotechnics:

Guo-Liang Dai, Wei-Min Gong, Xia Li, Xue-Liang Zhao (Chair)

Secretary General: Xia Li

Academic staff in geotechnical engineering at Southeast University:

Professor: Guo-Jun Cai (蔡国军), Guo-Liang Dai (戴国亮), Yong-Feng Deng (邓永锋), Yan-Jun Du (杜延军), Wei-Min Gong (龚维明), Lei He (何磊), Zhen-Shun Hong (洪振舜), Jian-Chun Li (李建春), Xia Li (李霞), Song-Yu Liu (刘松玉), Lin-Chang Miao (缪林昌), Li-Yuan Tong (童立元), Xiao-Dong Tong (童小东), Ding-Wen Zhang (章定文), Jian Zhao (赵坚), Zhi-Duo Zhu (朱志铎)

Associate professor: Jian-Wen Ding (丁建文), Guang-Yin Du (杜广印), Lei Fang (方磊), Peng Ji (季鹏), Fei Jing (经绯), Bing Li (黎冰), Zhi-Bin Liu (刘志彬), Bao-Gang Mu (穆保岗), Ming-Lei Shi (石名磊), Jin Tao (陶津), Fei Wang (王菲), Guo-Zhu Zhang (张国柱), Xue-Liang Zhao (赵学亮)

Lecturer: Wen-Ni Deng (邓温妮), Long-Gang Tian (田龙岗), Qi Zhang (张琦)

Sponsor: School of Civil Engineering, Southeast University

Location: Southeast University, Nanjing, P.R. China



Tentative Programme:

5th – 6th July 2017*: Summer school on offshore geotechnics⁺

7th July 2017*: Interactive sessions with summer school students

8th July 2017: Registration

Session 1: Introduction of geotechnical research at Southeast University

Session 2: Latest development in geo-mechanics and geo-engineering

Session 3: Opportunities and challenges in offshore geotechnics

Session 4: Research frontiers in offshore geotechnics

Session 5: Round table discussions

Banquet ©

9th July 2017: Lab tour + Site visit

* Optional activities for symposium participants;

© For those who might be interested in working at SEU, colleagues from Human Resource department will be available in the evening of 8th July.

⁺ The summer school will form part of the National Postgraduate Summer School in Civil Engineering, which has been successfully organised and hosted by Southeast University in the past 8 years. It currently attracts over 1000 applicants, among which 300 final year undergraduate and postgraduate participants, on average, are selected.

Call for participants:

Thanks to the sponsorship of Southeast University and the School of Civil Engineering, **NO REGISTRATION FEE** will be charged.

A limited number of travel grants is available for international travellers.

Potential participants please fill in the participation form and email to geo@pub.seu.edu.cn by **15th May 2017**.

Travel grant:

For oversea participants, a limited number of travel grants is available to subsidize your travels. As a guideline, the grant will award reimbursement up to RMB 6,000 for professors, RMB 5,000 for associate/assistant professors, RMB 4,000 for research fellows and PhD students, even though the cost of attending the symposium may exceed the amount.

We try to accommodate as much as we can, but awards are contingent upon the availability of funds and the number of applications received. Participants are highly encouraged to apply according to their financial need, and return the participation form with details at the earliest possible convenience, but no later than **15th May 2017**.

Information and assistance is available to help your visa application as well as travel and accommodation arrangements if needed.

About us:

Who are we?

Located in the ancient capital city of Nanjing, Southeast University (SEU) is a public research university located in Nanjing, Jiangsu Province, P.R.China, with a history traced back to 1902 in one of the earliest high education institutes in China, Sanjiang Normal College (三江师范学堂). Southeast University is amongst the top-ranked comprehensive university in China, highly research oriented with a strong focus on engineering. It is currently home to over 30,000 full time students, including 14,440 postgraduates.

SEU has been ranked top three nationally in the field of civil engineering and transportation engineering. The establishment and growth of research in geomechanics and geo-engineering has received the across-the-board support from University. Thriving in China's infrastructure revitalisation during the past few decades, Southeast University currently hosts 32 academic staff in geotechnical engineering including 16 professors, affiliated with School of Civil Engineering, School of Transportation and the Monash-SEU Joint Research Institute, respectively.

Underpinned by wide-range industrial connections, geotechnical research at the Southeast University features a supportive and liberal atmosphere and a healthy mixture of fundamental and applied research, with current research strengths including but not limited to:

- Foundation Engineering
- Underground space engineering
- Offshore geotechnics
- Transportation geotechnics
- Environmental geotechnics
- Discrete and continuum numerical modelling
- Geomechanics and constitutive modelling
- Bio-geotechnics
- Innovative geomaterials and etc.

As part of the University's ambition to host world-leading researchers and deliver world-changing discoveries, the geotechnical research at Southeast University is undergoing continuous growth and development. We would like to strengthen our engagement with academic and industries at the national and international level by developing long-term strategic collaboration. We also seek to appoint internationally competent academic staff to catalyse new research development as well as to strengthen our existing research capacities.

What is the symposium for?

This symposium is a scientific event jointly supported by academic staff in geotechnical engineering across the University aiming for research communication and development. It is organised to:

- Bring researchers and practitioners in one room to bridge the gap between fundamentals and practice
- Promote an open and constructive scholarly atmosphere for research communication and development
- Encourage internal and external collaboration to form joint-force in developing analytical, computational and experimental research infrastructure
- Support the delivery of high-quality research and the recruitment of world-leading researchers
- Raise national and international engagement and recognition of researches and researchers of SEU geotechnics

Contact us:

For any inquiries or information, please email to geo@pub.seu.edu.cn.