

YRGS 2019

9th Asia-Pacific Young Researchers and Graduates Symposium

Performance Evolution and Control for Engineering Structures

19-20 December 2019
Shanghai, China



(Announcement and Call for Papers)

Organized by
Department of Structural
Engineering
Tongji University

Background and Objectives

The Asia-Pacific Young Researchers and Graduates Symposium (YRGS) is primarily a platform for early-stage structural engineering professors, research scientists, professional engineers, postdoctoral fellows and postgraduate students to present their latest findings within the context of the wider structural engineering discipline. The symposium features oral presentations predominantly from early-career structural engineering people but also includes talks from leading figures in the field. It provides an opportunity for learning about future career paths and networking with fellow researchers. One of the valuable merits of attending YRGS is the opportunity to network with a wide range of structural engineering researchers from the Asia-Pacific regions to develop collaboration and friendship.

Key Dates

Extended abstract submission 20 Sep. 2019
Extended abstract acceptance 15 Oct. 2019
Early registration before 15 Nov. 2019
Full registration after 15 Nov. 2019

Past YRGS

8th YRGS: The University of Tokyo, Tokyo, Japan, 7-8 September 2017
7th YRGS: University of Malaya, Kuala Lumpur, Malaysia, 20-21 August 2015
6th YRGS: Sirindhorn International Institute of Technology, Bangkok, Thailand, 31 July-1 August 2014
5th YRGS: Malaviya National Institute of Technology, Jaipur, India 30-31 August 2013
4th YRGS: The Hong Kong Polytechnic University, Hong Kong, China, 4-5 December 2012
3rd YRGS: Taiwan University, Taipei, China, 25-26 March 2011
2nd YRGS: Zhejiang University, Hangzhou, China, 27-28 March 2010
1st YRGS: Kunsan National University, Kunsan, South Korea, 26-28 February 2009

Scope of YRGS2019

The YRGS 2019 focuses on the performance evolution and control for engineering structures. Papers addressing advances in structural engineering in the following aspects are cordially invited for submission:

- Emerging materials and structural systems
- Structural diagnosis and assessment
- Structural health monitoring
- Durability of existing structures
- Life-cycle maintenance of existing structures
- Structure reliability
- Hazard mitigation
- New design theories
- Innovative numerical approaches
- Big-data and machine-learning in structural engineering
- Engineering practice in the above field

Conference Venue

The symposium will be held at Sino-French Center, Tongji University.

For accommodation, a rich variety of hotels within the proximity of university as well as in the vibrant city center are available.

Symposium Co-Chairs

Jianbing Chen, Tongji University, Shanghai
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Yongbo Peng, Tongji University, Shanghai

Advisory Committee

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 North Bangkok, Thailand
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 Shishun Zhang, Huazhong University of Science and
 Technology
 Yamei Zhang, Southeast University, China
 Yan-Hua Zhao, Dalian University of Technology, China
 Ying Zhou, Tongji University, China
 Yingwu Zhou, Shenzhen University, China

Conference Registration

The early registration fee is 1200 RMB (170 USD)
 The full registration fee is 1500 RMB (210 USD)
 All speakers should register by the due date to have
 their accepted abstracts included in the proceedings and
 scheduled for presentation.

Proceedings and Language

All the abstracts shall be written in English. For the
 presentations, both English and Chinese are OK. The
 conference proceedings will be made available and
 provided in USB disks.

About Shanghai

Shanghai is one of the world's most dynamic cities in the
 21st century. Like a pearl set in the west coast of the
 Pacific Ocean, Shanghai is the showcase of China's fast
 growth and a bonanza of tourist attractions, business
 opportunities and cultural activities. For more information,
 please visit: <http://chs.meet-in-shanghai.net/>.

About College of Civil Engineering, Tongji

Tongji has the largest, most accomplished, top ranked
 school of civil engineering in China. It has a long history
 of research and academic excellence. It is home to the
 largest and most advanced laboratory for earthquake
 engineering research in the world. The college has 5
 undergraduate programs, 10 Master's programs and 5
 PhD programs and 2 postdoctoral mobile stations. About
 500 undergraduate students and 200 postgraduate
 students graduate every year. There are 426 staff
 members in the College, 126 are full professors and 126
 are associate professors.

