

The 4th Asia-Pacific Young Researchers and Graduates Symposium (YRGS2012)

The Future of Structural Engineering – Research, Practice and Education

4-5 December 2012
Hong Kong, China



(Announcement and Call for Papers)

Organized by

Department of Civil and Structural Engineering (CSE)
The Hong Kong Polytechnic University (PolyU)



Background and Objectives

The Asia-Pacific Young Researchers and Graduates Symposium (YRGS) series is primarily a platform for early-stage structural engineering professors, research scientists, professional engineers, postdoctoral fellows and PhD 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. The first YRGS was held at Kunsan National University, Korea in 2009 followed by one at Zhejiang University, China in 2010 and another at National Taiwan University, Taiwan in 2011.

Key dates

Abstract submission	15 April 2012
Abstract acceptance	30 April 2012
Paper submission	31 August 2012
Paper acceptance	30 September 2012

Conference Venue

The Hong Kong Polytechnic University, Hong Kong

Conference Secretary

Ms Emmy Ko

Department of CSE, PolyU
Email: ceemmy@inet.polyu.edu.hk
Tel: 00852-27663965 Fax: 00852-23346389

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Tao Wang, Institute of Engineering Mechanics, China Earthquake Administration
Yang Wang, Georgia Institute of Technology, USA

Scope of YRGS2012

Papers addressing advances in structural engineering in the following three aspects are cordially invited for submission:

Research: emerging materials and structural systems, structural diagnosis and assessment, health monitoring, durability and maintenance of existing structures, hazard mitigation, use of recycled materials and

structural components, new design theories, innovative numerical approaches etc.

Practice: new policies for the promotion of sustainable structural design, life cycle-based performance design, new codes of practice etc.

Education: promotion of the critical thinking of students beyond traditional structural analysis, new course development, continuous education of structural engineers, training of PhD students etc.

Conference Program

The YRGS2012 will consist of a two-day program. The first day program will include presentations of papers in a broad structural engineering discipline. The second day program will be organized in the form of a mini-symposium during the First International Conference on Performance-based and Life-cycle Structural Engineering (PLSE2012).
<http://www.polyu.edu.hk/fce/PLSE2012/>.

Conference Registration

No registration fee is required for YRGS2012 participants. However, Participants who have a presentation at YRGS2012 mini-symposium during PLSE2012 need to make a full registration for PLSE2012 but enjoy a 20% discount.

Proceedings and Journal Special Issue

The conference proceedings will be made available and extended versions of papers selected from the YRGS2012 mini-symposium will be published in a special issue of "Advances in Structural Engineering".

Language

The official language of the symposium is English. All papers shall be written and presented in English.

About Department of Civil and Structural Engineering (CSE), PolyU

CSE is one of the most reputable academic departments in the field of civil, structural and environmental engineering in the region. It has a large pool of energetic and highly experienced faculty members to act as course instructors and research supervisors in an environment rich in advanced laboratory and support facilities. CSE is very active in research and consultancy. There are about 96 research students in the Department pursuing either MPhil or PhD programmes. Besides the research students, there are about 103 research personnel, supported by research funds, working on various research projects. According to the latest Taiwan rankings (previously known as the rankings of the Higher Education Evaluation & Accreditation Council of Taiwan), civil engineering research at PolyU is the 5th strongest in the world based on a series of performance indicators for research publications.

About Hong Kong

Hong Kong is a modern, highly dynamic world-class city where East and West meet and the old and the new live side by side. In December, Hong Kong has a temperature around 20°C / 68°F in December, with clear sunny skies and low humidity. For more information, please visit:
<http://www.discoverhongkong.com/eng/>