

7th Asia Pacific Young Researchers and Graduates Symposium (YRGS 2015)

“Innovations in Materials and Structural Engineering Practices”

20 – 21 August, 2015
Kuala Lumpur, Malaysia



Announcement and Call for Papers

Organized by

Center for Innovative Construction Technology (CICT)
Department of Civil Engineering,
University of Malaya



CENTRE FOR INNOVATIVE CONSTRUCTION TECHNOLOGY



Key Dates

Abstract submission	15 May 2015
Notification of abstract acceptance	20 May 2015
Submission of full paper	15 Jun 2015
Acceptance of full paper	30 Jun 2015
Registration as presenting author	10 Jul 2015

Abstract Submission

An abstract of 200-300 words outlining the content and conclusions of the paper should be e-mailed to YRGS2015 secretariat: yrgs2015@um.edu.my

YRGS 2015 Advisor

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Conference Proceedings

Conference proceedings will be distributed to all registered participants. Only registered authors will have their papers included in proceedings.

Official Language

The official language of the conference is English.

Background and objectives of symposium

The mission of YRGS is to create a platform and bring together young researchers, scientists, engineers and graduates to discuss the latest issue in structural engineering and construction. YRGS promote innovative and integrative approaches in life cycle systems thinking for civil, building and bridge engineering that include planning, design, constructability, specifications, and durability. It is the purpose of YRGS to provide an Asia Pacific forum for the discussion of topics important to developing new knowledge in structural engineering and construction.

Past YRGS

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: National Taiwan University, Taipei, Taiwan, 25–26 March 2011

2nd YRGS: Zhejiang University, Hangzhou, China, 27–28 March 2010

1st YRGS: Kunsan National University, Gunsan, South Korea, 26–28 February 2009

Topics of YRGS

YRGS seeks to identify the recent innovations in structural and construction engineering with a particular emphasis on creative systems for future technologies.

General Topics

Topics include, but are not limited to – all branches of:

- structural, materials, building, and concrete engineering;
- construction engineering and project management' contracting and claims;
- architecture;
- quality control;
- housing;
- education and ethics.

However, all papers must relate to the civil, architectural and construction management disciplines.

Special Topics

These include but are not limited to –

<ul style="list-style-type: none"> • structural analysis • nonlinear behaviour of structures • reinforced concrete structures • steel structures • productivity improvement • organizational behavior • knowledge management 	<ul style="list-style-type: none"> • bridges • precast systems • earthquake engineering • tunnel and underground structures • damage assessment • process simulation • project finance • knowledge management 	<ul style="list-style-type: none"> • reliability analysis • design uncertainties and stochastic variability • optimal design • cost control • construction automation • smart structures • industrialization • lifetime and infrastructure networks.
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About Kuala Lumpur

Kuala Lumpur is the federal capital and most populous city in Malaysia. The city covers an area of 243 km² (94 sq mi) and has an estimated population of 1.6 million as of 2010. Greater Kuala Lumpur, also known as the Klang Valley, is an urban agglomeration of 6.9 million as of 2010. The city was once home to the executive and judicial branches of the federal government, but they were moved to Putrajaya in early 1999. Some sections of the judiciary still remain in the capital city of Kuala Lumpur. The official residence of the Malaysian King, the Istana Negara, is also situated in Kuala Lumpur. Rated as an alpha world city, Kuala Lumpur is the cultural, financial and economic centre of Malaysia due to its position as the capital as well as being a key city. Kuala Lumpur was ranked 48th among global cities by Foreign Policy's 2010 Global Cities Index and was ranked 67th among global cities for economic and social innovation by the 2thinknow Innovation Cities Index in 2010. Since the 1990s, the city has played host to many international sporting, political and cultural events including the 1998 Commonwealth Games and the Formula One Grand Prix. In addition, Kuala Lumpur is home to the tallest twin buildings in the world, the Petronas Twin Towers, which have become an iconic symbol of Malaysia's futuristic development.

Conference Venue

The symposium will be held at Faculty of Engineering, University of Malaya which is conveniently located on the outskirts of Kuala Lumpur. For accommodation, symposium participants are offered with a rich variety of hotels within the proximity of university as well as in the vibrant city center.

Symposium Registration Fee

Overseas Participant USD 150

Local Participant RM 450

The registration pays for all conference lunches, coffee breaks, banquet and technical sessions. Except for the accompanying person, each registered participant will also receive a conference kit.

Symposium Website

<http://umconference.um.edu.my/YRGS2015>