

THE CONFERENCE

The Theme of this Conference is

Dynamics for Sustainable Engineering

The Conference welcomes contributions to but not limited to the following topics:

- Analytical and Computational Methods
- Biomechanics and Applications
- Bridge Dynamics
- Damping
- Dynamics of Machines and Structures
- Dynamic Behavior of Materials
- Dynamic Load Estimation
- Dynamic Model Updating and System Identification
- Dynamics of Plant Structures and Systems
- Earthquake Engineering
- Educational Aspects in Dynamics
- Effects of Noise and Vibrations
- Experimental Modal Analysis
- High Speed Train Dynamics
- Impact Dynamics
- Industrial Noise and Vibration
- Machine Condition Monitoring
- Maintenance and Reliability
- Modal Analysis
- Multi-Scale Dynamics
- Noise Sources and Control Elements
- Nonlinear Vibration and Chaos
- Optimization
- Rotor Dynamics and Turbo-machinery
- Noise and Vibration Control
- Noise and Vibration Isolation and Reduction
- Sensor Technology
- Signal Processing
- Stochastic Dynamics
- Structural Health Monitoring
- Structural Condition Assessment
- Traffic Induced Vibration
- Uncertainties
- Vehicle Dynamics and Control
- Wind Engineering

LANGUAGE

All presentations and printed materials shall be in English.

REGISTRATION FEES

Registration will be available in May 2011.

All fees are quoted in US Dollars.

- Normal Registration \$400
- Reduced fee for Local Day Registration \$120 per day
- Student Registration \$150

Normal Registration fee covers attendance at all sessions, a copy of the conference programme and conference proceedings, refreshment, daily lunch and attendance at the conference banquet.

Student Registration fee covers attendance at all sessions, a copy of the conference programme and conference proceedings, refreshment and daily lunch.

Local Day Registration fee covers attendance at all sessions of the days registered, a copy of the conference programme, refreshment and daily lunch.

Conference Banquet tickets are not included for the Student Registration and Local Day Registration but they can be purchased for US\$75 each at the time of registration

CALL FOR MINI-SYMPOSIA

Those who are interested in organizing a mini-symposium with papers in the areas of his/her expertise are invited to organize a mini-symposium at the 14th APVC. A mini-symposium may have a single session or multiple sessions with 5-7 papers each. In case of successful organization, the mini-symposium organizer's paper will be considered as an invited paper and his/her registration fee will be waived. The authors invited by a mini-symposium organizer to join the mini-symposium will also be given a reduction in registration fees (10%). For more information, the prospective mini-symposium organizers should inquire with the Conference Secretariat.

FURTHER INFORMATION

Please visit our website at:

<http://www.cse.polyu.edu.hk/apvc2011/>

for more information on the Conference.

First Announcement & Call for Papers

THE 14th ASIA PACIFIC VIBRATION CONFERENCE

DYNAMICS FOR SUSTAINABLE ENGINEERING

Hong Kong SAR, China

5-8 December 2011

Organized by

Department of Civil and Structural Engineering
and
Department of Mechanical Engineering

The Hong Kong Polytechnic University

THE ASIA PACIFIC VIBRATION CONFERENCE

The Civil and Structural Engineering Department and the Mechanical Engineering Department of the Hong Kong Polytechnic University are pleased to announce that the 14th Asia Pacific Vibration Conference (APVC) will be held in Hong Kong SAR, China from 5 to 8 December 2011.

The APVC is an international refereed conference held once every two years with the presentation and publication of outputs of research and development activities in aspects of dynamic control, sound and vibration, condition monitoring, damping, response to earthquake ground motions as well as other aspects of dynamic response.

The conference series originated in Tokyo in July 1985 during a JSME Vibration Conference when the conference chairman, Professor T. Shimogo, organized a special session which involved the participation of scholars from China, Korea and Singapore to discuss the specific need for an Asia-based vibration conference. A series was thus born which in 1989 was broadened and titled the Asia Vibration Conference. The title was expanded to include the Asia-Pacific region at the fourth meeting held in Melbourne, Australia in 1991 to reflect the participation of Australia, New Zealand and other countries of the Asia-Pacific rim.

The previous thirteen series conferences were held in Japan (1985), Korea (1987), China (1989), Australia (1991), Japan (1993), Malaysia (1995), Korea (1997), Singapore (1999), China (2001), Australia (2003), Malaysia (2005), Japan, (2007) and New Zealand (2009).

All academics, engineers, scientists and research students from but not limited to areas around the Asia Pacific rim are invited to come together to share their knowledge in this important discipline that has impacts on many aspects of our daily life.

ENQUIRIES

Please contact the Conference Secretariat at:

Department of Civil and Structural Engineering
The Hong Kong Polytechnic University
Hung Hom, Kowloon
Hong Kong
Email : apvc.2011@polyu.edu.hk
Fax: (852) 2334-6389

CONFERENCE ORGANIZING COMMITTEE

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University of Hong Kong
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University of Macau

IMPORTANT DATES

Abstract submission opens	February 14, 2011
Deadline for submitting abstracts	April 16, 2011
Registration starts	May 15, 2011
Notification of provision acceptance of abstracts	May 31, 2011
Deadline for submitting full papers	July 30, 2011
Notification of acceptance of full papers	August 31, 2011
Deadline for registration of authors	September 7, 2011

CALL FOR PAPERS

Authors are invited to submit by E-mail abstracts of 300 - 500 words to the Conference Secretariat at:

Department of Civil and Structural Engineering
The Hong Kong Polytechnic University
Hung Hom, Kowloon
Hong Kong
Email : apvc.2011@polyu.edu.hk
Fax: (852) 2334-6389

PROCEEDINGS

Papers presented at the Conference will appear in the Conference Proceedings.