

Call for Papers

Authors are invited to submit 200-300 words abstracts of papers to ICASS'09 or IJSSD in the reply form. All enquiries relating to the conference should be addressed to :

Ir Professor S.L. Chan
Conference Chairman
Department of Civil and Structural Engineering
The Hong Kong Polytechnic University
Hung Hom, Kowloon, Hong Kong, China
Tel: (852) 2766 6047 Fax: (852) 2334 6389
Email : ceslchan@polyu.edu.hk
Conference web : <http://www.hkisc.org/>

Conference proceedings to be printed by The Hong Kong Institute of Steel Construction, the publisher of the International Journal of Advanced Steel Construction (www.hkisc.org).



DEPARTMENT OF
CIVIL AND STRUCTURAL ENGINEERING
土木及結構工程學系
THE HONG KONG
POLYTECHNIC UNIVERSITY
香港理工大學

*The Institution
of Structural
Engineers*

Fifth Announcement and Call for Papers

ICASS '09 / IJSSD / IStructE Asia-Pacific Forum
Sixth International Conference on
Advances in Steel Structures
in conjunction with IJSSD symposium on
**Progress in Structural Stability and Dynamics &
IStructE Asia-Pacific Forum**
Hong Kong, China
16-18 December 2009

Conference web : <http://www.hkisc.org/>

Organised by

**Department of Civil and Structural Engineering
The Hong Kong Polytechnic University &
Joint Structural Division of The Hong Kong Institution of Engineers**

Sponsored by

The Hong Kong Institute of Steel Construction



Joint Structural Division
The Hong Kong Institution of Engineers



Scope and Objectives

This will be the sixth in the international conference series on Advances in Steel Structures, with the first, second and third of the conferences series held in Hong Kong, fourth in Shanghai and fifth in Singapore. The first and the second conferences were held in Hong Kong with great past success. As with the five previous conferences, this conference is intended to provide a forum for discussion and dissemination by researchers and designers of recent advances in analysis, behaviour, design and construction of steel, aluminium and composite steel-concrete structures.

Papers relating to all aspects of analysis, behaviour, design and construction of steel, aluminium, and composite steel-concrete structures are invited. The following topics are not exhaustive and papers which fall within the general theme of the conference will be considered for presentation and for publication in the conference proceedings and uploaded to web www.hkisc.org. Papers will also be selected and invited for publication in the International Journal of Advances in Steel Construction which carries a mission of technology transfer and is widely circulated among the engineering and building professionals.

Steel Structures, Composite Construction, Mixed Construction, Aluminium Structures, Cold-Formed Steel, Columns, Beams, Beam-Columns, Frames, Connections, Space Structures, Tall Buildings, Bridges, Cable Structures, Pre-tensioned Structural Systems, Curtain Walling, Scaffolding, Roof Cladding, Silos, Tanks, Pipelines, Offshore Platforms, Chimneys, Transmission Line Towers and Masts, Design Codes, Expert Systems, Structural Stability, Stability Design, Computational Methods, Advanced Analysis, Second-order Analysis, Non-linear analysis, Performance-based Structural Design, Dynamics, Earthquake Engineering, Vibration Control, System Identification, Fatigue, Structural Optimisation, Fire Engineering, Seismic Engineering.

Official Language

English will be the official language of the Conference for both oral and written presentation.

Key Dates

Submission of Abstracts : 1 November 2008
Provisional Acceptance : 1 February 2009
Submission of Final Papers : 1 May 2009
Final Notice of Acceptance : 1 August 2009

Proceedings

The proceedings of the conference will be published by the Hong Kong Institute of Steel Construction and uploaded to its web site.

Registration Fee

The conference registration fee is US\$550 which covers conference proceedings, conference dinner, lunches and refreshments. **Paying the registration fee for a single conference will now allow you to attend three international conferences !**

ICASS '09 Sixth International Conference on Advances in Steel Structures Hong Kong, 16 - 18 December 2009

Preliminary Registration (Please Print in Block Letters)

- I intend to attend the conference. Please send further details and the registration form. Date : _____
- I would like to submit and present a paper for ICASS / IJSSD (please circle one only). The paper title is : _____

The abstract (200-300 words) is attached herewith. Signature _____

Title : Mr. / Miss / Ms. / Mrs. / Dr. / Prof. * (Please delete as appropriate)

Given Name: _____ Surname: _____

Organisation: _____

Address: _____ Position : _____

Country: _____ Email: _____

Phone: _____ Fax: _____

International Scientific Committee

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Co-chairmen KF Chung & YL Wong

International Scientific Committee (to be confirmed)

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IJSSD Symposium

Progress in Structural Stability and Dynamics

Hong Kong 16-18 December 2009

organised in conjunction with

ICASS 09 – The Sixth International Conference on Advances in Steel Structures

<http://www.hkisc.org/>

Following the success of the Third International Conference on Structural Stability and Dynamics held in June 2005 in Florida, USA, this IJSSD symposium continues to provide a forum for progress updates on the theoretical, analytical, experimental and design aspects of structural stability and dynamics. In particular, it will reflect upon the state-of-the-art advancements in computational methods, software development and engineering applications/technologies in the areas featured by the symposium.

Call for Papers

Authors are invited to submit 1-page abstracts on the topics listed above between now and the deadline given below. The abstracts should clearly highlight the aims and conclusions of the respective studies. Both abstracts and full papers will be reviewed by experts in the area of structural stability and dynamics and the procedure will conform to the standards required for peer-reviewed conference papers. Please note that by submitting a paper, you are committing to having at least one author register for the conference should the paper get accepted.

Technical session presentations will be 15 minutes followed by a few minutes of question and answer period. The symposium proceedings will be published in a CD-format which will be made available to all participants. English is the official language of the conference.

Selected papers from the symposium presentations will be invited for peer-review and possible publication in a special issue of the International Journal of Structural Stability and Dynamics (IJSSD), <http://ejournals.wspc.com.sg/ijssd/ijssd.html>.

Please email abstracts and papers to Prof. H. Rasheed at hayder@ksu.edu with copy to Prof. S. L. Chan at ceslchan@polyu.edu.hk using the form on last page. Please indicate clearly which conference you would like to present your paper.

Symposium Topics

Buckling and Postbuckling Responses
Static and Dynamic Stability
Nonlinear Analysis of Material and Geometry
Thin-Walled Structures
Smart Structures
Inverse Problems
Biomechanics
Micro/Nano-mechanics
Active and Passive Control

Structural Health Monitoring
Shock and Wave Propagation
Dynamic Interaction Problems
AI and Expert Systems
Structural Optimization
High Performance Computing
Computational Techniques
Experimental Techniques
Earthquake, Wind and Impact
Chaotic Dynamics

Important Dates

Abstract Deadline: March 31, 2009
Notification of Acceptance: April 30, 2009
Camera Ready Paper: August 31, 2009
Early Registration: September 30, 2009

IJSSD Symposium Advisors

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Y.B. YANG - Taiwan

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