



College of Civil Engineering
Southeast University

ICASS'2012 NANJING

First announcement

The 7th International Conference on Advances in Steel Structures

(ICASS 2012)

Nanjing, China

6 - 8 April 2012

Organised by

College of Civil Engineering, Southeast University

Sponsored by

Department of Civil & Structural Engineering,

The Hong Kong Polytechnic University

Joint Structural Division,

The Hong Kong Institution of Engineers &

The Hong Kong Institute of Steel Construction

Introduction

Following the success of previous conferences in the ICASS series in Hong Kong, China (1996, 1999, 2002, 2009), Shanghai (2005), Singapore (2007), the 7th International conference on Advances in Steel Structures is to be held in Nanjing, China on 6th to 8th April 2012. The aim of this conference is to provide an international forum for all concerned with the analysis, behaviour, design and construction of steel, aluminium and composite steel-concrete structures and share recent advances in both research and practice. ICASS'2012 is to be organized by Southeast University, Nanjing, China.

Call for Papers

Prospective authors are invited to submit an abstract of 200-300 words to icass2012@pub.seu.edu.cn or icass2012@gmail.com by 1 May, 2011. The corresponding author is to be clearly identified in all submissions with his/her email address, fax and telephone numbers, and complete postal address included. Email correspondence will be used as much as possible. Only emailed abstracts will be accepted. The abstract.dot template, available on the conference website (www.icass2012.net), must be used for abstract submission. Guidelines for the full-length paper submission will be available at the conference website in due course. The official language is English. **The conference proceedings will be applied for index at the SCI (Web of Science) and EI Compendex.** All accepted papers will be uploaded to web-site <http://www.hkisc.org/ijasc/> with selected papers to be invited for extension and publication in the Special Issue of the *International Journal of Advances in Steel Construction (SCI indexed)*.

Topics

Papers dealing with all aspects of analysis, behaviour, design and construction of steel, aluminium, and composite steel-concrete structures will be considered for publication in the conference proceedings and for presentation at the conference. Topics include but are not limited to:

- ◆ **Structural System:** Steel and Steel-Concrete Composite Structures, Aluminium Structures, Space Structures, Cable Structures, Tension Structures, Deployable Structures, Frames, Tall Buildings, Bridges, Composite/Mixed Construction
- ◆ **Members:** Columns, Beams, Cables, Connections
- ◆ **Materials:** Cold-Formed Steel, Low-yield Strength Steel, Stainless Steel, Properties of Materials, high-performance steel, new metallic materials.
- ◆ **Analysis:** Computational Methods, Non-linear analysis, Stability, Second-order elastic and plastic analysis, Time-history seismic analysis, Form Finding, Dynamics, Fatigue, Fire Engineering, Earthquake Engineering, Progressive Collapse, System Identification
- ◆ **Structural Design:** Stability Design, Performance-based Structural Design, Design Guideline, Codes, Standards, Expert Systems
- ◆ **Others:** Curtain Walling, Scaffolding, Roof, Cladding, Silos, Pipelines, Offshore Platforms, Transmission Line Towers and Masts, retrofitting using steel materials

Key Dates

Submission of Abstracts:	1 May, 2011
Provisional Acceptance:	15 July, 2011
Submission of Final Papers:	15 September, 2011
Final Notice of Acceptance:	15 November, 2011
Early Registration:	15 December, 2011
Conference:	6-8 April 2012

International Scientific Committee *(to be confirmed)*

Chairmen: Prof. S.L. Chan & Prof. G.P. Shu

F.G. Albermani (Australia)	J.P. Muzeau (France)
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Members:

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Registration

The conference registration fee is US\$550 for early bird registration and US\$600 for other registration, which covers conference proceedings, the welcome reception, conference dinner, lunches and refreshments.

About Nanjing

Nanjing, a major regional city in China, is the capital of Jiangsu Province. It has a history of nearly 2500 years, and is known as the capital of six dynasties, or ten regimes, whose landscape incorporates mountains, water, city and forestry. It is well known for its historical and cultural legacy, such as the mausoleum to Sun Yatsen, the world's cultural heritage Ming Tombs, the Ming Palace site, the Qinhuai River, the Xuanwu Lake, Nanjing City Wall, as well as the world-famous Purple Mountain Observatory. Here, you will appreciate the long history of oriental culture. Nanjing also is a modern international city and the host city of the 2014 Youth Olympic Games. It has efficient infrastructures and marvelous modern buildings.

ICASS' 2012 Secretary

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Web: <http://www.icass2012.net> or <http://www.hkisc.org>



Welcome to Nanjing!