

# Pacific Structural Steel Conference 2013

## Singapore

8 - 11 October 2013

Resorts World Sentosa

*Advancements and  
Achievements  
in Structural Steel*

*FIRST CALL FOR PAPERS*



## Welcome Message



**HO WAN BOON**  
Chairman



**BERNARD CHUNG**  
Secretary General



**RICHARD JY LIEW**  
Chairman Scientific Committee

Singapore Structural Steel Society is honoured to host the 10th Pacific Structural Steel Conference in 2013.

The Pacific Structural Steel Conference is a major initiative bringing together expertise in structural steel research, education and construction from the Pacific Rim and beyond, to promote cooperation among the structural steel associations and communication on the development in this specialised field.

These intellectual exchanges can only be realised with your participation and contribution. We would like to extend a warm welcome to all to celebrate with us.

We look forward to the moment, October 2013, and to welcome you to Singapore.

**Ho Wan Boon**  
President, Singapore Structural Steel Society  
Chairman, Pacific Structural Steel Conference 2013

## PCSSC 2013 Organising Committee

**Chairman**  
**Secretary General**  
**Chairman Scientific Committee**  
**Local Committee Members**

Ho Wan Boon  
Bernard Chung  
Richard JY Liew  
Anthony Tan  
Chia Wah Kam  
Chor How Choon  
Lee Chee Weye  
Tan Tian Chong



## PCSSA Steering Committee 2013

**American Institute of Steel Construction**  
**Australian Steel Institute**  
**Canadian Institute of Steel Construction**  
**China Steel Construction Society**  
**Japanese Society of Steel Construction**  
**The Korean Society of Steel Construction**

Roger E FERCH  
Don MCDONALD  
Alfred F WONG  
LI Peixun  
Masahiro NAGATA  
JONG Rak Kim

## PCSSC International Scientific Committee 2013

Frans BIJLAARD  
SL CHAN  
Leroy GARDNER  
Bassam A IZZUDDIN  
Guo-Qiang LI  
Jeffrey A PACKER  
Luis Simoes da SILVA  
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Mark A BRADFORD  
Hennie de CLERCQ  
Jerome F HAJJAR  
Venkatesh KODUR  
Masayoshi NAKASHIMA  
WX REN  
Tsutomu USAMI  
Ben YOUNG

Dinar CAMOTIM  
Dan DUBINA  
Lin-Hai HAN  
Dennis LAM  
David A NETHERCOT  
NE SHANMUGAM  
Brian UY  
Riccardo ZANDONINI





# *Advancements and Achievements in Structural Steel*

## Call for Papers

English will be the official language for both oral and written presentations

The Conference Proceedings will be published

To assist in the review of paper submissions, authors are requested to submit an abstract of not more than 250 words online by **31 January 2013**. Upon acceptance of abstract, authors are required to submit their final paper for the Programme and Abstract Book of not more than 2 pages.

## Research and Design

- > Architecturally exposed structural steel systems
- > Buckling & stability analyses
- > Computational analysis & modeling of steel and composite structures
- > Design and analysis of steel structures
- > Design for erection and related construction issues
- > Design for robustness and against progressive collapse
- > Design for wind in Pacific Rim countries
- > Experiments & instrumentations
- > Failure analysis of structures
- > Fatigue & fracture
- > Hot and cold formed steel
- > Hybrid and composite construction
- > Innovative steel & composite materials and their use in construction
- > Innovative structural systems and elements
- > Joints and connection details
- > Life-cycle evaluation and sustainability of structural steel, including global environmental impact
- > Major building projects
- > Major industrial projects
- > Major steel bridge projects
- > Multi-storey buildings & bridges
- > Performance-based design concepts and applications
- > Steel design codes and software
- > Vibration, dynamics and seismic design
- > Welded structures

## Fabrication

- > Corrosion protection materials and systems
- > New fabrication technology: welding, cutting, etc.
- > Partnering and joint ventures

## Erection

- > Construction safety
- > Innovative techniques, including automation and robotics
- > Unique projects and their erection schemes







*About Singapore*

Some refer to Singapore as the “little red dot”, but Singapore’s presence in the world today is larger than that moniker. In fact, Singapore is a bustling cosmopolitan city that offers a world-class living environment, with its landscape populated by high-rise buildings and gardens. One interesting facet you’ll discover about Singapore is a ubiquitous collage of cultures, where people of different ethnicities and beliefs coexist. Besides a vibrant multicultural experience, there’s more you can discover about Singapore.



**JOINTLY ORGANISED BY**



**CONTACT US**

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