

# ASCCS 2012

## 10th International Conference on **ADVANCES IN STEEL CONCRETE COMPOSITE AND HYBRID STRUCTURES**

**2-4 July 2012**

Grand Copthorne Waterfront Hotel

**SINGAPORE**



**Organised by:**

Department of Civil &  
Environmental Engineering



**WEBSITE:**

**[www.asccs2012.com.sg](http://www.asccs2012.com.sg)**

# WELCOME MESSAGE

On behalf of the local organising committee, we are delighted to invite you to participate in the 10th ASCCS to be held in Singapore from 2 to 4 July, 2012. This conference is jointly organised by the National University of Singapore and the Singapore Structural Steel Society.

The conference will bring together practitioners, academics, researchers, manufacturers, product providers, fabricators and contractors from around the world to review the advances and achievements made in steel-concrete composite & hybrid structures and products. Prominent keynote speakers will be invited to present their latest works as well as discuss and exchange ideas on current practices, innovation and future research area of needs.

## TOPICS TO BE COVERED

The conference covers topics on (but not limited to): composite slabs, members & joints; hybrid structures; cold formed steel; composite use of steel with CFRP; buckling & stability; fire engineering; fatigue & fracture; lightweight structures; plates & shells; vibrations & controls; dynamic & seismic performance; wind engineering; experiments & instrumentations; computational analysis & modelling; codes; case studies; constructions, fabrications & erections; high-rise buildings; large span structures; sustainable developments.

## CALL FOR ABSTRACTS

Abstract should be approximately 150 words covering objectives of paper and indicating the main findings and conclusions. All abstracts are to be submitted online and will be subject to review on the basis of applicability to the conference theme and topics, a broad appeal to conference participants and readability. Authors will receive a notification of the acceptance of their abstract(s) by 1 January 2012 and are required to submit full paper(s) by 1 March 2012. The full paper(s) will be subject to peer-review before final acceptance and publication in the conference proceeding by *Research Publishing Services*.

Authors are reminded that all papers must be original and have not been published elsewhere.

Online abstract submission at [www.asccs2012.com.sg](http://www.asccs2012.com.sg)

## AUTHOR'S POLICY

All published materials and spoken presentations will be in English. Authors are required to register for the conference to secure the publication of papers. ASCCS 2012 is unable to reimburse authors for expenses incurred either for the presentation preparation, travel and hospitality or registration.

## KEY DATES

**Extended Abstract Submission 30 Nov 2011**  
Final Paper Submission 1 Mar 2012  
End of Early-Bird Registration 1 Mar 2012

Author's Notification 1 Jan 2012  
Final Paper Acceptance 1 Apr 2012  
**Conference 2-4 Jul 2012**

# ORGANISING COMMITTEE

**Chairman:** Prof. J Y Richard Liew, *National University of Singapore*  
**Co-Chair:** Mr. Ho Wan Boon, *Singapore Structural Steel Society*  
**Treasurer:** Er. Lee Chee Weye, *Singapore Structural Steel Society*  
**Secretary:** Dr. Lee Siew Chin, *National University of Singapore*

**Members:** *National University of Singapore*      *Singapore Structural Steel Society*  
Prof. Choo Yoo Sang      Mr. Anthony Tan  
Dr. Pang Sze Dai      Mr. Bernard Chung  
Dr. Qian Xudong      Mr. Melvin Soh  
Mr. Wang Tongyun      Dr. Ng Yiau Heong

**Secretariat:** Rosalind Zee,  
AV Consultants Pte. Ltd.  
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Singapore 208572  
Tel: (65) 6735 6255    Fax: (65) 6392 4090  
Email: [secretariat@asccs2012.com.sg](mailto:secretariat@asccs2012.com.sg)

# INTERNATIONAL SCIENTIFIC COMMITTEE

MA Bradford *Australia*  
F Bijlaard *Netherlands*  
R Bjorhovde *USA*  
I Burgess *UK*  
D Camotim *Portugal*  
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K Harries *USA*  
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BA Izzudin *UK*  
JP Jaspart *Belgium*  
SA Jayachandran *India*  
SD Kim *South Korea*  
SE Kim *South Korea*  
V Kodur *USA*  
D Lam *UK*  
HH Lau *Malaysia*  
RT Leon *USA*  
GQ Li *China*  
J Liu *USA*  
M Mahendran *Australia*  
P Mäkeläinen *Finland*  
DA Nethercot *UK*  
JA Packer *Canada*  
RJ Plank *UK*  
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WX Ren *China*  
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G Shu *China*  
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B Uy *Australia*  
F Wald *Czech Republic*  
Y Wang *UK*  
J Wardenier *Netherlands*  
RY Xiao *UK*  
Y Xiao *USA*  
E Yamaguchi *Japan*  
J Ye *UK*  
B Young *Hong Kong*  
R Zandonini *Italy*  
SM Zhang *China*  
XL Zhao *Australia*  
A Zingoni *South Africa*

Please Note: The invitation to submit an abstract or present a paper does not constitute an offer to pay travel, accommodation or registration costs associated with the Conference. No speakers' fee is paid to successful applicants. Presenters are required to pay a fee to attend the Conference.



# ABOUT SINGAPORE

Some refer to her 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 her 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.

Come to know more about Singapore at: <http://www.yoursingapore.com>

## CONFERENCE VENUE

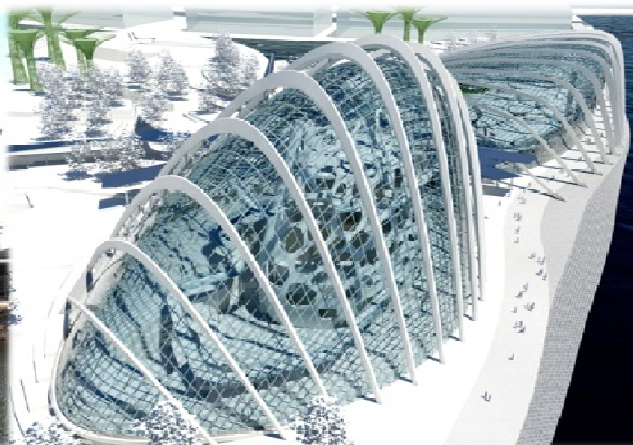
ASCCS 2012 will be held in one of Asia’s premier 5 Star Hotel, the Grand Copthorne Waterfront Singapore, which is located next to the Singapore River with spectacular views of the dazzling city skyline. The hotel features award-winning restaurants and is within close proximity to various popular Singapore attractions such as Merlion, Esplanade, Singapore Flyer, Marina Bay Sands as well as the entertainment and shopping belts at Orchard Road and Chinatown.



## SINGAPORE’S NEW ICONIC STRUCTURES

In addition to learning and sharing your knowledge with delegates from all over the world in the conference, you may not want to miss this opportunity to witness some of the recent engineering marvels combining arts and science that has further transformed Singapore into a vibrant city and redefined its cosmopolitan landscape as well as setting numerous international standards in design and construction.

Come and take a walk along the first-ever double-helix pedestrian bridge with Duplex Stainless Steel and composite deck; Inhale the breathtaking view from the 165 m high Singapore flyer; Dip 200 m above ground in the 343 m long Sky Pool on top of Marina Bay Sands; Be in awe with the garden city image of Singapore at Gardens by the Bay this July 2012



# REGISTRATION FORM

Title: Prof ☐ Dr ☐ Mr ☐ Mdm ☐ Mrs ☐ Ms ☐  
Family Name: \_\_\_\_\_  
Company/Organisation: \_\_\_\_\_  
Address: \_\_\_\_\_  
Postal Code: \_\_\_\_\_  
Country: \_\_\_\_\_  
Email: \_\_\_\_\_  
Tel: \_\_\_\_\_  
Fax: \_\_\_\_\_

Early Bird Rates (before or by 1 Mar 2012)	Standard Rates (from 2 Mar 2012 onwards)
SGD\$ 1000	SGD\$ 1100

**The registration fee are nett fee and includes:**

- Participation in all conference sessions
- Lunches, morning and afternoon refreshments during the conference
- One set of conference package, inclusive of extended abstract book and CD ROM
- Welcome reception
- Conference dinner

## PAYMENT METHOD

By Credit Card: Visa ☐ MasterCard ☐  
Name of Card Holder: \_\_\_\_\_  
Credit Card Number: \_\_\_\_\_  
Credit Card Expiry Date: \_\_\_\_\_  
Card Verification Value (CVV) : \_\_\_\_\_  
(CVV: The last 3 digit code printed on the right hand corner of the signature panel)

By Singapore Cheque/Bankdraft drawn on Singapore Bank No: \_\_\_\_\_

By Giro/Telegraphic transfer <sup>(TT)</sup> Ref No: \_\_\_\_\_  
(All bank charges are to be paid by applicant)

Amount: \_\_\_\_\_

Card Holder's Signature \_\_\_\_\_ Date: \_\_\_\_\_

Account Name	Account Number	Bank	SWIFT Code

**Cancellation of Registration**

All registration cancellations must be made in writing to the Conference Secretariat. Refund will only be administered after the conference.