

## SS12 – registration form

name \_\_\_\_\_  
company \_\_\_\_\_  
address \_\_\_\_\_  
\_\_\_\_\_ postal code \_\_\_\_\_  
country \_\_\_\_\_  
tel \_\_\_\_\_ fax \_\_\_\_\_  
email \_\_\_\_\_  
(or attach name card here)

### registration fees

#### Foreigners and non-Mainland Chinese

- a) Full registration fee – SGD850
- b) bona fide Student SGD650/-(no dinner invite)

#### For Chinese Nationals residing in Mainland China

- a) Full registration fee – 3,300rmb
- b) bona fide Student 2,700rmb (No dinner invite)

The registration fee includes the conference kit, a set of Proceedings, refreshments and lunch.

All payments are to be made to **CI-PREMIER PTE LTD**

### modes of payment

- 1) Telegraphic Transfer to:  
CI-PREMIER PTE LTD  
Account No: 515-024354-001  
Oversea-Chinese Banking Corporation Ltd  
(Jalan Sultan Branch), 200 Jalan Sultan #01-05,  
Textile Centre, Singapore 199018.  
The Bank's Swift Address is OCBC-SGSG.  
Please send us a copy of the bank transfer order.
- 2) Credit Cards (VISA & MASTERCARD only) are acceptable.  
Please email the card no., expiry date and name on card, with  
authorization to charge to cipremie@singnet.com.sg or fax:  
+65-62353530.

#### SS12 Conference Secretariat:

CI-Premier Pte Ltd  
150 Orchard Road #07-14  
Orchard Plaza, Singapore 238841  
Tel: +65-67332922 / Fax: +65-62353530  
E-mail: ci-p@cipremier.com

11<sup>th</sup> International Conference on

## steel, space & composite structures

# SS12

12-14 December 2012, Qingdao, China

### Conference Advisory Committee

#### Chairmen

-Prof GuoQiang Li, Tongji University, China

-A/Prof S P Chiew, Nanyang Technological University, Singapore

#### Members

-Prof Rob Beale, Brookes University, United Kingdom

-Prof Mark Bradford, The University of New South Wales, Sydney, Australia

-AtProf Murude Celikag, Eastern Mediterranean University, N. Cyprus

-Prof BaoChun Chen, Fuzhou University, China

-Prof S L Chan, Hong Kong Polytechnic University, Hong Kong SAR China

-Prof YiYi Chen, Tongji University, China

-A/Prof Daniel Dan, Politehnica University of Timisoara, Romania

-Dr Buick Davison, University of Sheffield, United Kingdom

-Prof Hans De Backer, Gent University, Belgium

-Prof Feng Fan, Harbin Institute of Technology, China

-Mr Wan Boon Ho, President, Singapore Structural Steel Society, Singapore

-Dr J C D Hoenderkamp, Technische Universiteit Eindhoven, the Netherlands

-Prof Dennis Lam, University of Bradford, United Kingdom

-Prof T T Lan, Chinese Academy of Building Research, China

-Prof J Y Richard Liew National University of Singapore, Singapore

-Prof H Pasternak, Brandenburg University of Technology, Germany

-A/Prof Kang Hai Tan, Nanyang Technological University, Singapore

-Prof Linhai Han, Tsinghua University, China

-Prof Brian Uy, The University of Western Sydney, Australia

-Prof Frantisek Wald, Czech Technical University, Czech Republic

-Prof Yong Wang, University of Manchester, United Kingdom

-Prof Eiki Yamaguchi, Kyushu Institute of Technology, Japan

-Prof Toshitaka Yamao, Kumamoto University, Japan

-Prof Ben Young, The University of Hong Kong, Hong Kong SAR China

### Conference organizing Committee

#### Chairman

-Prof Wang Lai, Shandong University of Science and Technology, China

#### Co-Ordinator

Prof YunFeng Li, Shandong University of Science and Technology, China

#### Members

-Mr Bernard Chung, TataSteel, Singapore

-Prof YongBo Shao, Yantai University, China

-Er John S Y Tan, CI-Premier Pte Ltd (director)

-Ms Peggy L P Teo, CONLOG (secretariat)

# 11<sup>th</sup> International Conference on steel space & composite structures

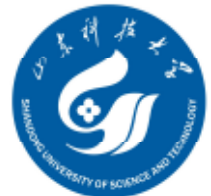
12-14 December 2012  
Harvest Hotel - Qingdao, China



invitation to participate

Organised by:

Shandong University of  
Science & Technology,  
Qingdao, China



With the support of:

The Singapore Structural Steel Society, Singapore

Managed by:

CI-Premier Conference Organisation, Singapore

### Conference History

History of the International Conference on STEEL, SPACE & COMPOSITE STRUCTURES

1984 – 1<sup>st</sup> Conference – Singapore; 1985 – 2<sup>nd</sup> Conference – Indonesia  
1987 – 3<sup>rd</sup> Conference – Singapore; 1990 – 4<sup>th</sup> Conference – Singapore  
1994 – 5<sup>th</sup> Conference – Indonesia; 1999 – 6<sup>th</sup> Conference – Singapore  
2002 – 7<sup>th</sup> Conference – Singapore; 2006 – 8<sup>th</sup> Conference – Malaysia  
2007 – 9<sup>th</sup> Conference – Yantai & Beijing, China  
2010 – 10<sup>th</sup> Conference – North Cyprus

Proceedings of the above conferences with an ISBN reference are available from the Secretariat.

### Conference Update

[CONFERENCE AWARDS](#) confirmed:

a-The NIDA Award sponsored by Hong Kong Polytechnic University, Hong Kong SAR China

b-The CIP Award sponsored by CI-Premier Pte Ltd, Singapore

[Keynote Speakers](#) (confirmed)

-Prof Rob Beale, Brookes University, United Kingdom

-Prof YiYi Chen, Tongji University, China

-Prof Zhihua Chen, Tianjin University, China

-Prof Hans De Backer, Gent University, Belgium

-Prof Dennis Lam, University of Bradford, United Kingdom

-Prof GuoQiang Li, Tongji University, China

-Prof J Y Richard Liew, National University of Singapore

on “Novel Deployable Structures”

-Prof. Yongjiu Shi, Tsinghua University, China

-Prof. Ganping Shu, Southeast University, China

-Prof. Xingping Shu, Hunan University, China

-Prof Zhong Tao, Fuzhou University, China

on “Behaviour of concrete-filled stainless steel tubular columns at ambient and elevated temperatures”

-Prof Brian Uy, The University of Western Sydney, Australia

on “Behaviour and Design of High Strength Steel-Concrete Composite Columns”

-Prof Frantisek Wald, Czech Technical University, Czech Republic

on “Fire resistance of steel and fibre concrete slab”

-Prof Toshitaka Yamao, Kumamoto University, Japan

on “Static and seismic behavior of the parapet of abutment”

-Prof Ben Young, The University of Hong Kong, Hong Kong SAR, China

-Prof. Xiaoxiong Zha, Harbin Institute of Technology, China

-Prof BaoChun Chen, Fuzhou University, China

“Title to be advised”

[Special Sessions](#) (confirmed)

1- Topic: “Recent advances in codified second-order analysis”

Organiser: -Prof S L Chan, Hong Kong Polytechnic University, Hong Kong SAR China

2-Topic: *Steel Structures in Fire*”

Organiser: -A/Prof Kang Hai Tan, Nanyang Technological University, Singapore

3-Topic: “Connections”

Organiser: Dr Buick Davison, University of Sheffield, United Kingdom

### Conference Themes

The following themes will be scheduled in:

- Design and analysis
- Building and Space Structures
- Steel-framed Houses
- Bridge Structures
- Marine and Harbour steel structures
- Fatigue and Fracture
- Earthquake and dynamics
- Cold-formed steel structures
- Beams and columns
- Connections
- Fabrication and construction
- Steel technologies and materials
- Information technology
- And COMPOSITE STRUCTURES

### CONFERENCE AWARDS:

TWO categories of Awards for original and outstanding papers will be offered at the Conference:

**YOUNG STEEL RESEARCHERS AWARD**’ for Researchers below the age of 35 years.

‘Highly Commendable Awards’ for papers submitted, accepted and presented at the Conference

### Call for Papers

Submissions are now invited and abstracts (of about 500 words, within one A4 page) may be sent to the Conference Director, Er. John S Y Tan, via email to [ci-p@cipremier.com](mailto:ci-p@cipremier.com)

Please note that a Text Inclusion Fee (TIF) of **SGD400** per submission is mandatory to ensure publication of accepted texts. Abstracts and texts will be subjected to review. The proceeding will be referred by ISBN and submitted to the ISTP and SCOPUS for indexing, after the conference, subjected to further review.

SS12 Conference Secretariat:

CI-Premier Pte Ltd

150 Orchard Road #07-14

Orchard Plaza, Singapore 238841

Tel: +65-67332922 / Fax: +65-62353530

### Important Dates

**Abstract to be submitted with the full text 01 November 2012**

**Conference dates are 12-14 December 2012**

**(Venue: Harvest Hotel, Qingdao, China)**

**The paper format guidelines can be retrieved from the website: [www.cipremier.com](http://www.cipremier.com) or request from Secretariat at [ci-p@cipremier.com](mailto:ci-p@cipremier.com)**

**For full listing of technical papers and other updates:**

**[www.cipremier.com](http://www.cipremier.com)**

We take great pleasure in extending a cordial invitation to you to participate in the 11th International Conference on Steel, Space and Composite Structures. The first inaugural conference was held back in 1984 to mark the inception of the Singapore Structural Steel Society (SSSS) and since then, this conference series has always been supported by the SSSS and the many national steel associations. The main objective of the conference is to bring all those who shared a common interest in the subject areas together and to promote international communication of new ideas, developments and innovations. This 11<sup>th</sup> Conference will be presented in Qingdao and promises to be an exciting one, with many keynote and technical presentations.

The highlight of the conference will be the Conference Lecture, to be delivered by Prof T T Lan, Institute of Building Structures, Chinese Academy of Building Research, China.

The conference committee is looking forward to a very successful and convivial gathering of like-minded professionals and we look forward to welcoming you to Qingdao, China in December 2012!

*Wang Lai & S P Chiew*  
*Conference Chairmen*

**The conference city -- Qingdao (help·info) (Chinese: 青岛; pinyin:**

*Qīngdǎo*; Mandarin pronunciation: [\[tɕʰɪŋtɔ̌\]](#)) also known in the West by its [postal map spelling](#) Tsingtao,<sup>[1]</sup> is a major city with a population of over 8.715 million (2010 census) in eastern [Shandong province, Eastern China](#). Its built up area, made of 7 urban districts plus [Jimo city](#), is home to about 4,346,000 inhabitants in 2010.

The character 青 (qīng) in Chinese means "green" or "lush", while the character 岛 (dǎo) means "island"..

It borders [Yantai](#) to the northeast, [Weifang](#) to the west and [Rizhao](#) to the southwest.

Lying across the [Shandong Peninsula](#) while looking out to the [Yellow Sea](#), Qingdao is a major [seaport](#), [naval base](#), and industrial centre. It is also the site of the [Tsingtao Brewery](#). The world's longest sea bridge, the [Qingdao Haiwan Bridge](#), links the main urban area of Qingdao with [Huangdao](#) district, straddling the [Jiaozhou Bay](#) sea areas.<sup>[2]</sup> In 2009, Qingdao was named China's most livable city. (info above with grateful thanks to Wikipedia)

The city stretches in latitude from 35° 35' to 37° 09' N , in longitude from 119° 30' to 121° 00' E.

The highest elevation in the city is 1,133 metres above sea level.

Qingdao has a temperate, four-season, [monsoon-influenced](#)<sup>[10]</sup> climate that falls on the borderline between [humid subtropical \(Köppen Cwa\)](#) and [humid continental \(Köppen Dwa\)](#). Winter is cool to cold and windy, but generally dry, with a January average of −0.5 °C (31.1 °F). There is a large Korean community in Qingdao.