The Third International Symposium on Innovative Design of Steel Structures

Jointly organized by
Department of Civil Engineering, The University of Hong Kong
Department of Civil & Structural Engineering, The Hong Kong Polytechnic University

Supported by
Department of Civil & Environmental Engineering, National University of Singapore
Building and Construction Authority, Singapore
Singapore Structural Steel Society
Joint Structural Division of The Hong Kong Institution of Engineers & The Institution of Structural Engineers
The Hong Kong Institute of Steel Construction
Centre for Asian Tall Buildings and Urban Habitat (CATBUH), The University of Hong Kong

Date: 30 June 2011 (Thursday)
Time: 9:00 am – 5:00pm
Venue: Intercontinental Hotel, Grand Stanford
70 Mody Road, Tsim Sha Tsui, Kowloon

About the International Symposium
The Third International Symposium on Innovative Design of Steel Structures is jointly organized by the Department of Civil Engineering, The University of Hong Kong, Department of Civil & Structural Engineering, The Hong Kong Polytechnic University, and Department of Civil & Environmental Engineering, National University of Singapore. Several prominent overseas and local academics, researchers and engineers in the field of steel and composite structures are invited to share their experiences with engineers from various government departments, consultant firms and construction companies. These prominent experts are coming from Australia, China including the Mainland and Hong Kong, Singapore, UK and USA. Practical experiences on innovative design of steel and composite structures will be presented. The International Symposium also provides an opportunity for engineers to learn the latest development and new technology in the field of steel and composite structures.

Speakers (in alphabetical order)
Siu-Lai Chan  
Hong Kong Polytechnic University, Hong Kong
Jerome F. Hajjar  
Northeastern University, USA
Guo-Qiang Li  
Tongji University, China
Richard J.Y. Liew  
National University of Singapore, Singapore
David Liew  
British Constructional Steelwork Association (BCSA), UK
Kim Rasmussen  
University of Sydney, Australia
Brian Uy  
University of Western Sydney, Australia
Ben Young  
University of Hong Kong, Hong Kong

Official Language
The official language of the International Symposium is English for both oral presentation and Symposium proceedings.

Registration Fee
HK$1,250 per person. This registration fee includes a lunch and tea/coffee refreshments at the Intercontinental Hotel as well as a copy of the Proceedings and a copy of CPD certificate.

CPD Certificate
The International Symposium is recommended for 1-CPD day. An attendance certificate will be issued.

Please note that registration will only be confirmed upon receipt of payment and on a first-come-first-served basis. For details of registration, please contact Miss Aggie Sung (Tel: 2859-1963 or 2859-2645, Email: olsung@hku.hk). For technical enquiries, please contact Prof. Ben Young (Tel: 2859-2674, Email: young@hku.hk). For latest information, please refer to the following website:
Registration Form

The Third International Symposium on Innovative Design of Steel Structures

Jointly organized by
Department of Civil Engineering, The University of Hong Kong
Department of Civil & Structural Engineering, The Hong Kong Polytechnic University

Supported by
Department of Civil & Environmental Engineering, National University of Singapore
Building and Construction Authority, Singapore
Singapore Structural Steel Society
Joint Structural Division of The Hong Kong Institution of Engineers & The Institution of Structural Engineers
The Hong Kong Institute of Steel Construction
Centre for Asian Tall Buildings and Urban Habitat (CATBUH), The University of Hong Kong

Date: 30 June 2011 (Thursday)
Time: 9:00 am – 5:00pm
Venue: Intercontinental Hotel, Grand Stanford
70 Mody Road, Tsim Sha Tsui, Kowloon

Registration Deadline: 23 June 2011 (Thursday)

Please complete in ENGLISH (in BLOCK LETTERS)

<table>
<thead>
<tr>
<th>Surname</th>
<th>Given name</th>
<th>Name of Company</th>
<th>Telephone</th>
<th>Email Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Registration Fee</th>
<th>Number of Persons</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>HK$1,250 / person</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

The registration fee includes a lunch and tea/coffee refreshments at the Intercontinental Hotel as well as a copy of the symposium proceedings and a copy of CPD certificate. All payments are non-refundable.

The official receipt for the registration fee will be distributed on that day.

Registration and Payment
Please complete this registration form and return it together with a crossed cheque made payable to “The University of Hong Kong” to:

Symposium Secretariat, Miss Aggie Sung
Department of Civil Engineering, The University of Hong Kong, Pokfulam Road, Hong Kong.

Please do not send any cash in the post.
Fax: (852) 2559-5337; Email: olsunghkuhk
Tel: (852) 2859-1963 or 2859-2645
# The Third International Symposium on Innovative Design of Steel Structures

**Jointly organized by**
Department of Civil Engineering, The University of Hong Kong  
Department of Civil & Structural Engineering, The Hong Kong Polytechnic University

**Supported by**
Department of Civil & Environmental Engineering, National University of Singapore  
Building and Construction Authority, Singapore  
Singapore Structural Steel Society  
Joint Structural Division of The Hong Kong Institution of Engineers & The Institution of Structural Engineers  
The Hong Kong Institute of Steel Construction  
Centre for Asian Tall Buildings and Urban Habitat (CATBUH), The University of Hong Kong

---

<table>
<thead>
<tr>
<th>Date: 30 June 2011 (Thursday)</th>
<th>Time: 9:00 am – 5:00 pm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Venue: Intercontinental Hotel, Grand Stanford</td>
<td></td>
</tr>
<tr>
<td>70 Mody Road, Tsim Sha Tsui, Kowloon</td>
<td></td>
</tr>
</tbody>
</table>

---

<table>
<thead>
<tr>
<th>Time</th>
<th>Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:30 am</td>
<td>Registration &amp; Welcome Tea/Coffee</td>
</tr>
<tr>
<td>9:00 am</td>
<td>Opening address</td>
</tr>
</tbody>
</table>
| 9:15 am    | **Lecture 1** Design of Support Formwork Systems by Advanced Structural Analysis  
             Prof. Kim Rasmussen  
             *University of Sydney, Australia* |
| 9:55 am    | **Lecture 2** Steel-Concrete Composite Technology using Ultra-high Strength and Lightweight Materials  
             Prof. Richard Liew  
             *National University of Singapore, Singapore* |
| 10:35 am   | Tea/Coffee Break                                                        |
| 11:05 am   | **Lecture 3** New Trends for Seismic Engineering of Steel and Composite Structures  
             Prof. Jerome F Hajjar  
             *Tongji University, China* |
| 11:45 am   | **Lecture 4** Advanced Analysis for Seismic and Non-seismic Design  
             Prof. S L Chan  
             *Hong Kong Polytechnic University, Hong Kong* |
| 12:25 pm   | Lunch                                                                   |
| 1:40 pm    | **Lecture 5** Recent Australian Innovations in the Application, Design and Research of Constructional Steel  
             Prof. Brian Uy  
             *University of Western Sydney, Australia* |
| 2:20 pm    | **Lecture 6** Challenging Problems in Fire Protection of Steel Structures  
             Prof. Guo-Qiang Li  
             *Tongji University, China* |
| 3:00 pm    | Tea/Coffee Break                                                        |
| 3:30 pm    | **Lecture 7** Low and Zero Carbon Steel Buildings  
             Prof. David Moore  
             *British Constructional Steelwork Association (BCSA), UK* |
| 4:10 pm    | **Lecture 8** Screwed Connection Tests of Light Gauge Steel at Elevated Temperatures  
             Prof. Ben Young  
             *University of Hong Kong, Hong Kong* |
| 4:50 pm    | Closing remarks                                                         |
| 5:00 pm    | **End**                                                                 |

* Author presenting the paper.