One-day Seminar for first day keynote lectures in “International Conference on Advances in Steel Structures 2018”

Jointly Organized by
Hong Kong Institute of Steel Construction
Department of Civil and Environmental Engineering, The Hong Kong Polytechnic University

Date: 5 December 2018
Time: 8:00 am (registration) for 9:00 am to 6:00 pm
Venue: Jockey Club Auditorium, The Hong Kong Polytechnic University, Hunghom, Kowloon, Hong Kong

Introduction
This one-day seminar will be the keynote presentations of 9th the international conference on Advances in Steel Structures, with the first, second, third and sixth of the conferences series were held in Hong Kong, fourth in Shanghai, fifth in Singapore, seventh in Nanjing and eighth in Portugal. As with the eight previous successful conferences, this conference is intended to provide a forum for researchers and professionals to discuss and disseminate recent advances in analysis, behavior, design and construction of steel, aluminum and composite steel-concrete structures.

In the one-day seminar, we will have 11 keynote lectures by world leading researchers with topics as follows. This seminar day will certainly give us a golden opportunity to share experience with leading international researchers in their specialist areas.
• **Official Language**

   English will be the official language in the presentation.

• **Programme**

<table>
<thead>
<tr>
<th>Time</th>
<th>Topics</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00-9:00</td>
<td>Registration</td>
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<tr>
<td>9:00</td>
<td>Welcoming speech</td>
<td>Ir Prof. SL Chan</td>
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<tr>
<td>9:10</td>
<td>Opening Session</td>
<td>Ir Prof. YL. Xu, Dean of Faculty of Construction and Environment, PolyU</td>
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</table>
| 9:30    | **OPPORTUNITIES FOR METAL 3D PRINTING IN STRUCTURAL ENGINEERING**     | Leroy Gardner  
                      Professor  
                      Department of Civil and Environmental Engineering  
                      Imperial College London  
                      United Kingdom                                                                 |
| 10:00   | **ADVANCES IN STEEL-CONCRETE COMPOSITE STRUCTURES: AUSTRALIAN EXPERIENCES** | Brian Uy  
                      Professor  
                      School of Civil Engineering  
                      The University of Sydney  
                      Australia                                                                    |
| 10:30-11:00 | Coffee/Tea Break                                                   |                                                                                             |
| 11:00   | **INNOVATION IN MODULAR BUILDING CONSTRUCTIONS**                     | J.Y. Richard Liew  
                      Professor  
                      Department of Civil & Environmental Engineering  
                      National University of Singapore  
                      Singapore                                                               |
| 11:30   | **DIRECT ANALYSIS: PAST, PRESENT AND FUTURE**                        | Siu-Lai Chan  
                      Chair Professor, Department of Civil and Environmental Engineering  
                      The Hong Kong Polytechnic University, Hong Kong                                      |
<p>| 12:00-14:00 | Lunch                                                                |                                                                                             |</p>
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<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Presenter</th>
</tr>
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| 14:00  | PROGRESSIVE COLLAPSE RESISTANCE OF STEEL FRAME BUILDINGS UNDER EXTREME EVENTS | Guo-Qiang Li  
Professor  
College of Civil Engineering  
Tongji University  
China |
| 14:30  | DESIGNING COMPOSITE STRUCTURES FOR REUSE | Dennis Lam  
Professor  
School of Engineering  
University of Bradford  
United Kingdom |
| 15:00  | FULL-RANGE BEHAVIOUR OF SEMI-RIGID STEEL CONNECTIONS | Kim J.R. Rasmussen  
Professor  
School of Civil Engineering  
University of Sydney  
Australia |
| 15:30-16:00 | Coffee/Tea Break |  |
| 16:00  | DESIGNING STEEL STRUCTURES WITH 3D CONNECTIONS | Luís Simões da Silva  
Professor  
Faculdade de Ciências e Tecnologia  
University of Coimbra  
Portugal |
| 16:30  | ELECTRO-SLAG WELD FRACTURES IN SEISMIC STEEL BEAM-TO-BOX COLUMN MOMENT CONNECTIONS | Keh-Chyuan Tsai  
Professor  
Department of Civil Engineering  
National Taiwan University  
Taiwan |
| 17:00  | DUCTILE CAST-IRON DECK FOR HIGHWAY BRIDGES | Eiki Yamaguchi  
Professor  
Department of Civil Engineering  
Kyushu Institute of Technology  
Japan |
| 17:30  | MODELING SYSTEMS OF UNSYMMETRICAL MEMBERS AS DOUBLY SYMMETRIC – HOW MUCH DOES IT MATTER? | Ronald D. Ziemian  
Professor  
Department of Civil and Environmental Engineering  
Bucknell University  
United States |
Speaker Profile

More details can be found in http://www.icass2018.com/index.php/keynote.html
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• **Registration fees**

Please make your reservation as soon as possible. The registration includes a conference programme book, souvenirs (a conference bag and a USB disk), a CPD certificate and two tea refreshments. Lunch is not included. The fees of the seminar are devised below:

<table>
<thead>
<tr>
<th>Programme</th>
<th>HKISC member</th>
<th>HKIA/HKIE/HKIS member</th>
<th>Others</th>
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<tbody>
<tr>
<td>One-day Seminar</td>
<td>HK$1,000</td>
<td>HK$1,100</td>
<td>HK$1,200</td>
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Should you have further query, please do not hesitate to contact Mr. Tommy LI at man@hkisc.org.
REGISTRATION FORM
(To be received on or before 15th November 2018)

Please follow the 2-step registration procedure:
1. Fax the completed registration form to Mr Tommy LI (Fax: 852-2334 6389) for preliminary registration.
2. Post the completed registration form within 7 days together with a crossed cheque payable to The Hong Kong Polytechnic University to Mr Tommy LI, at:

HKISC, c/o Room ZN912, Department of Civil and Environmental Engineering, The Hong Kong Polytechnic University, Hunghom, Kowloon, Hong Kong on or before 15 November 2018

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<tr>
<th>Item</th>
<th>Total no. of registration</th>
<th>Sub-total</th>
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<tr>
<td>1. Special registration (HKISC Member’s price)</td>
<td>______ person(s)</td>
<td>HK$ _________</td>
</tr>
<tr>
<td>2. Special registration (HKIA/HKIE/HKIS Member’s price)</td>
<td>______ person(s)</td>
<td>HK$ _________</td>
</tr>
<tr>
<td>3. Regular registration (Other’s price)</td>
<td>______ person(s)</td>
<td>HK$ _________</td>
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Postal Address
(for official receipt): ____________________________________________

I enclose a crossed cheque (no. ______________) with a sum of HK$ _________ for the registration fee of the captioned Seminar.

Signature: ___________________________ Date: ___________________________

CPD Certificate of Attendance Please tick the appropriate box to indicate your choice:
☐ Yes, I/ we would like to have CPD certificate(s). ☐ Not request for certificate(s).