



DEPARTMENT OF  
CIVIL AND ENVIRONMENTAL ENGINEERING  
土木及環境工程學系

香港理工大學, 土木及環境工程學系  
THE HONG KONG POLYTECHNIC UNIVERSITY  
Department of Civil and Environmental Engineering



香港  
鋼結構學會  
Hong Kong Institute of  
Steel Construction

## 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, Hung Hom, Kowloon, Hong Kong

### Introduction

This one-day seminar will be the keynote presentations of 9<sup>th</sup> 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**

Time	Topics	Speaker
8:00-9:00	Registration	
9:00	Welcoming speech	Ir Prof. SL Chan
9:10	Opening Session	Ir Prof. YL. Xu, Dean of Faculty of Construction and Environment, PolyU
9:30	<b>OPPORTUNITIES FOR METAL 3D PRINTING IN STRUCTURAL ENGINEERING</b>	Leroy Gardner Professor Department of Civil and Environmental Engineering Imperial College London United Kingdom
10:00	<b>ADVANCES IN STEEL-CONCRETE COMPOSITE STRUCTURES: AUSTRALIAN EXPERIENCES</b>	Brian Uy Professor School of Civil Engineering The University of Sydney Australia
10:30-11:00	Coffee/Tea Break	
11:00	<b>INNOVATION IN MODULAR BUILDING CONSTRUCTIONS</b>	J.Y. Richard Liew Professor Department of Civil & Environmental Engineering National University of Singapore Singapore
11:30	<b>DIRECT ANALYSIS: PAST, PRESENT AND FUTURE</b>	Siu-Lai Chan Chair Professor, Department of Civil and Environmental Engineering The Hong Kong Polytechnic University, Hong Kong
12:00-14:00	Lunch	



14:00	<b>PROGRESSIVE COLLAPSE RESISTANCE OF STEEL FRAME BUILDINGS UNDER EXTREME EVENTS</b>	Guo-Qiang Li Professor, College of Civil Engineering Tongji University China
14:30	<b>DESIGNING COMPOSITE STRUCTURES FOR REUSE</b>	Dennis Lam Professor, School of Engineering University of Bradford United Kingdom
15:00	<b>FULL-RANGE BEHAVIOUR OF SEMI-RIGID STEEL CONNECTIONS</b>	Kim J.R. Rasmussen Professor School of Civil Engineering University of Sydney Australia
15:30- 16:00	Coffee/Tea Break	
16:00	<b>DESIGNING STEEL STRUCTURES WITH 3D CONNECTIONS</b>	Luís Simões da Silva Professor Faculdade de Ciências e Tecnologia University of Coimbra Portugal
16:30	<b>ELECTRO-SLAG WELD FRACTURES IN SEISMIC STEEL BEAM-TO-BOX COLUMN MOMENT CONNECTIONS</b>	Keh-Chyuan Tsai Professor Department of Civil Engineering National Taiwan University Taiwan
17:00	<b>DUCTILE CAST-IRON DECK FOR HIGHWAY BRIDGES</b>	Eiki Yamaguchi Professor Department of Civil Engineering Kyushu Institute of Technology Japan
17:30	<b>MODELING SYSTEMS OF UNSYMMETRICAL MEMBERS AS DOUBLY SYMMETRIC – HOW MUCH DOES IT MATTER?</b>	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>



DEPARTMENT OF  
CIVIL AND ENVIRONMENTAL ENGINEERING  
土木及環境工程學系

香港理工大學, 土木及環境工程學系  
THE HONG KONG POLYTECHNIC UNIVERSITY  
Department of Civil and Environmental Engineering



香港  
鋼結構學會  
Hong Kong Institute of  
Steel Construction

- **Sponsors**

- Diamond Sponsors



---

- Platinum Sponsors



SIU YIN WAI & ASSOCIATES LTD.  
邵賢偉 建築工程師

- Gold Sponsors



- Silver Sponsors



## • Supporting institutions



## • 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:

Programme	HKISC member	HKIA/HKIE/HKIS member	Others
One-day Seminar	HK\$1,000	HK\$1,100	HK\$1,200

Should you have further query, please do not hesitate to contact Mr. Tommy LI at [man@hkisc.org](mailto:man@hkisc.org).

## REGISTRATION FORM

(To be received on or before **15<sup>th</sup>** 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, Hungghom, Kowloon, Hong Kong on or before **15 November 2018**

To: Mr Tommy LI

Fax: 852- 2334 6389

Personal Details:

Title	Name in full (Block Letter)	Name of Company	Tel.	Fax	E-mail address	Institution/ Membership No.
1.						
2.						
3.						
4.						
5.						

Item	Total no. of registration	Sub-total
1. Special registration (HKISC Member's price)	_____ person(s)	= HK\$ _____
2. Special registration (HKIA/HKIE/HKIS Member's price)	_____ person(s)	= HK\$ _____
3. Regular registration (Other's price)	_____ person(s)	= HK\$ _____

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).