

1st Announcement

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 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.

1. Opportunities for metal 3D printing in structural engineering
2. Designing composite structures for reuse
3. Progressive collapse resistance of steel frame buildings under extreme events
4. Innovation in prefabricated prefinished volumetric construction
5. Advances in steel-concrete composite structures
6. Full-range behavior of semi-rigid steel connections
7. Designing steel structures with 3D connections
8. Experiment and prediction of electro-slag weld fractures in seismic steel beam-to-box column moment connections
9. Advances in steel-concrete composite structures
10. Cast iron deck slab for highway bridge
11. Modeling systems of unsymmetrical members as doubly symmetric – how much does it matter?

- **Official Language**

English will be the official language in the presentation.

- **Programme (Drafted)**

Time	Topics	Speaker
8:00-9:00	Registration	
9:00	Welcoming speech	Ir Prof. SL Chan
9:10	Opening Session	Ir Ringo YU, President, HKIE
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	DESIGNING COMPOSITE STRUCTURES FOR REUSE	Dennis Lam Professor, School of Engineering University of Bradford United Kingdom
10:30-11:00	Coffee/Tea Break	
11:00	PROGRESSIVE COLLAPSE RESISTANCE OF STEEL FRAME BUILDINGS UNDER EXTREME EVENTS	Guo-Qiang Li Professor, College of Civil Engineering Tongji University China
11:30	INNOVATION IN PREFABRICATED PREFINISHED VOLUMETRIC CONSTRUCTION	J.Y. Richard Liew Professor Department of Civil & Environmental Engineering National University of Singapore Singapore
12:00-14:00	Lunch	
14:00	ADVANCES IN STEEL-CONCRETE COMPOSITE STRUCTURES	Jian-Guo Nie Professor, Department of Civil Engineering, Tsinghua University, China
14:30	FULL-RANGE BEHAVIOUR OF SEMI-RIGID STEEL CONNECTIONS	Kim J.R. Rasmussen Professor School of Civil Engineering University of Sydney Australia



15:00-15:30	Coffee/Tea Break	
15:30	DESIGNING STEEL STRUCTURES WITH 3D CONNECTIONS	Luís Simões da Silva Professor Faculdade de Ciências e Tecnologia University of Coimbra Portugal
16:00	EXPERIMENT AND PREDICTION OF 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
16:30	ADVANCES IN STEEL-CONCRETE COMPOSITE STRUCTURES	Brian Uy Professor School of Civil Engineering The University of Sydney Australia
17:00	CAST IRON DECK SLAB FOR HIGHWAY BRIDGE	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>



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

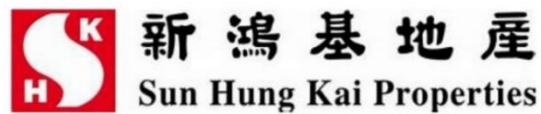
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THE HONG KONG POLYTECHNIC UNIVERSITY
Department of Civil and Environmental Engineering



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• 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.

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, 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.						
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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).