



The Hong Kong Institution of Engineers

Joint Structural Division



香港  
鋼結構學會

Hong Kong Institute of  
Steel Construction



Second announcement

## HALF-DAY SEMINAR ON USE OF STEEL IN PRIVATE DEVELOPMENT LINK BRIDGE

### *Organized by*

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

### *Supported by*

Joint Structural Division, The Hong Kong Institution of Engineers  
Department of Civil Engineering, The University of Hong Kong

### *Organizing Sponsor*

Genetron Engineering Limited

Date:	26 October 2012 (Friday afternoon)
Time:	1:45 pm (registration) for 2:00 pm to 5:45 pm
Venue:	Room TU101, The Hong Kong Polytechnic University, Hunghom, Kowloon.

### **Scope and Objectives**

In response to the aspiration on the use of the Steel Code 2011, HKISC organizes this seminar attempting to explore the use of steel in private development link bridges from the perspectives of different building professionals. There are numerous usage of link bridge, such as pedestrian footbridge, vehicular bridge, bridge for retail shops (Citygate in Tung Chung), structural transfer bridge (Gateway in Tsim Sha Tsui), utility bridge, etc.

The half-day seminar is devised to invite prominent building professionals in sharing and exchanging their expertise when using structural steel in private development link bridges. They comprise project manager from developer, registered structural engineer and steelwork contractor.

Use of structural steel in private development link bridge has two-fold benefits. First, the member sizes could be significantly reduced, and hence the overall weight of the structure is reduced and the foundation capacity is reduced. Second, the overall construction cost would be lowered because of the fast-track construction using structural steel, which in turn would sustain a competitive construction cost covering the material cost, fabrication cost and transportation cost. The shortened construction period may also bring about drastic reduction in the financial burden.

The steelworks are commonly constructed in prefabrication yard and quality and workmanship can be ensured in better manner. Moreover, there is sufficient supply of steelworks fabricators including welders and welding inspector in the industry as compared with the lack of formwork labour and rebar fixers encountered in reinforced concrete construction.

This seminar is tailor-made for project managers and professionals in building construction industry to explore the best practice in the use of steel in private sector development.

### ***Official Language***

English and Cantonese will be the official language. The seminar would include a set of handout and 3-hour CPD certificates for the participants.

Programme	HKISC member	HKIE member	Others
Half-day	\$ 500	\$ 600	\$ 800

Should you have query, please do not hesitate to contact Mr. Sam CHAN at [samchan@hkisc.org](mailto:samchan@hkisc.org)

## HALF-DAY SEMINAR ON USE OF STEEL IN PRIVATE DEVELOPMENT LINK BRIDGE

### Speakers Biography

#### *Developer's perspective*

Ir Mr George CHUNG Lung-to is an Authorized Person & Registered Structural Engineer under Hong Kong Buildings Ordinance and in People's Republic of China and has about 20 years' working experience in the field of engineering consultancy services and construction practices. He has extensive involvement in project management, feasibility studies, planning, detailed design and construction supervision of various civil and structural engineering projects such as airport terminal buildings, hospitals, comprehensive residential and commercial developments, railway stations/depots, electricity substations, highway bridges, underground structures and infra-structural projects. He is currently working with a real estate developer, Kowloon Development Company Ltd in capacity of Senior Structural Manager to look after several large scale residential development projects in Hong Kong and Macau SAR of China.

#### *Consultant's perspective*

Ir LIU Yuk Shing is a Civil & Structural Engineer by profession. He is a Registered Structural Engineer and a Corporate Member of several professional institutions in Hong Kong and overseas. He is also serving as committee member of numerous public bodies, including Contractors Registration Committee, Minors Works Contractor Registration Committee, Appeal Tribunal Panel, AP/RSE/RGE Committee and the Jointing, Welding & Cold-formed Steel Group of The Hong Kong Institute of Steel Construction.

Ir Liu has been working in the construction industry for more than 20 years. He has acted as Project Director / Project Engineer / Registered Structural Engineer for more than 30 residential, industrial and institutional projects over the years. He is the Deputy Managing Director of David S.K. Au & Associates Ltd. which is a local structural engineering practice established by Ir. David S.K. Au in 1980. Ir Liu is now responsible for the performance, business development, project implementation and delivery, and resources allocation of the company.

#### *Contractor's perspective*

Mr. CHOY Cheong-wah, Dan is a senior manager of Genetron Engineering Co., Ltd., one of the active structural steelwork contractors in the List of Approved Suppliers of Materials and Specialist Contractors for Public Works in Development Bureau, HKSAR, who has been working in local structural steelwork construction industry over 25 years. He is one of the committee members of The Jointing, Welding and Cold-Formed Steel Group of The Hong Kong Institute of Steel Construction. His experience in various nature of steel construction encompasses building framework, large span roof structure, vehicle and pedestrian bridge, heavy stanchion/mega column, large scale signage, roof feature, lift tower, alteration and addition of building frame and etc. Recent completed project includes steel structures construction and ride installation in Grizzly Gulch attraction of Hong Kong Disneyland Resort.



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### REGISTRATION FORM (To be replied on or before 24 October 2012)

Please follow the 2-step registration procedure:

1. Fax the completed registration form to *Mr Sam CHAN* (Fax: 2334 6389) for preliminary registration.
2. Post the completed registration form within 7 days together with a crossed cheque payable to **Hong Kong Institute of Steel Construction Limited** to *Mr Sam CHAN*, at:

Room TU712, Department of Civil and Environmental Engineering,  
The Hong Kong Polytechnic University, Hunghom, Kowloon, Hong Kong, China.

**To: Mr Sam CHAN**

**Fax: 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	Registration Fee (please insert the number of attendants for attendance)	Total no. of registration	Sub-total
1. Special registration (HKISC members' price)		_____ person(s)	= HK\$ _____
2. Special registration (HKIE members' price)		_____ person(s)	= HK\$ _____
3. Regular registration (Others' price)		_____ person(s)	= HK\$ _____
<b>Total amount:</b>			<b>HK\$ _____</b>

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).



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USE OF STEEL IN PRIVATE DEVELOPMENT LINK BRIDGE**

Time	Programme
1:45pm – 2:00pm	Registration
2:00pm – 3:00pm	Use of steel in private link bridge from Contractor's perspective <i>Mr. CHOY Cheong Wah, Dan</i>
3:00pm-3:30pm	Tea Break
3:30pm-4:30pm	Use of steel in private link bridge from Engineering Consultant's perspective <i>Ir LIU Yuk Shing</i>
4:30pm-5:30pm	Use of steel in private link bridge from Developer's perspective <i>Ir CHUNG Lung To, George</i>
5:30pm-5:45pm	Q&A & Closing Remarks
5:45pm – 6:00pm	Collection of CPD Certificates