Technical Seminar on Effective Use of S690 to S960 High Strength Steel in Construction
Two Large Scale Footbridges using Chinese High Quality S960 Steel

Date: 22 May 2026 (Friday)
Time: 9:00 am to 5:00 pm (Registration begins at 8:40 am)
Venue: Room Z209, Block Z, PolyU

Highlights

Owing to a strong support from the Government in recent years, S690 to S960 high strength steel are readily adopted in both public and private construction projects in Hong Kong as effective construction solutions for infrastructure development. Together with high performance concrete, their use in high-rise buildings, long span bridges and heavily loaded structures are considered to be highly advantageous because of their large strength-to-self-weight ratios as well as large flexural rigidities against instability and serviceability issues.

This Technical Seminar is organized to promote research and technology transfer on modern construction technology, in particular, effective use of high quality Chinese steel in construction, to the construction industry. It is an industrial platform to present research findings and share practical experiences on the design and construction of two large-scale footbridge systems, namely, Footbridges F4 and F6, in Fanling North New Development Area. Presentations on various stages of the construction projects will be made by key members of the project team.

Speakers

Ir Tom W.L. Leung	Civil Engineering and Development Department, Hong Kong
Ir Y.W. Leung	YWL Engineering Pte Ltd., Singapore
Ir Bear Z.C. Ding	Chun Wo Construction & Engineering Co., Ltd., Hong Kong
Ar W.M. Chung	AECOM Asia Co., Ltd.
闫强军教授级高工	南京钢铁有限公司
Mr. Benny M.Y. Lee	AECOM, Hong Kong
Mr. Danny Y.H. Chan	Jumbo Construction Technology Ltd., Hong Kong
Mr. Kenny Y.L. Wong	Jumbo Construction Technology Ltd., Hong Kong

The Hong Kong Polytechnic University

Ir Prof. K. F. Chung	**Ir Dr. H. C. Ho**	**Dr. Y. F. Hu**
Dr. B. Li	**Dr. H. Jin**	**Dr. M. F. Zhu**

Jointly organized by

Hong Kong Constructional Metal Structures Association, and
Chinese National Engineering Research Centre for Steel Construction (Hong Kong Branch),
The Hong Kong Polytechnic University.

Supported by

Sponsored by

Technical Seminar on Effective Use of S690 to S960 High Strength Steel in Construction

Two Large Scale Footbridges using Chinese High Quality S960 Steel

Date: 22 May 2026 (Friday)
Time: 9:00 am to 5:00 pm (Registration begins at 8:40 am)
Venue: Room Z209, Block Z, PolyU

Programme

9:00 am	**Opening Ceremony** ***Welcome Speech*** ***Opening Speech*** *by* **Ir Michael H.S. Fong, Director of Civil Engineering and Development Civil Engineering and Development Department, Development Bureau** **开幕词** **中国钢结构协会秘书长 李庆伟** ***Opening Speech*** *by* **Ir Joyce Lau, Project Manager (North), North Development Office, Civil Engineering and Development Department, Development Bureau**
9:30 am **Presentation 1**	**S690 to S960 high strength steel and their benefits in construction** *by* K. F. Chung, H.C. Ho & Y.F. Hu
10:00 am **Presentation 2**	**Overall planning and management for construction of civil engineering structures using S960 steel** *by* Tom W.L. Leung
10:30 am	***Coffee Break***
11:00 am **Presentation 3**	**Research and development of stiffened box sections of S960 steel members and welded sections** *by* K.F. Chung, B. Li & M.F. Zhu
11:25 am **Presentation 4**	**Structural design of Footbridges F4 and F6 of S960 steel** *by* Y.W. Leung
11:50 am **Presentation 5**	**Architectural design on lighting of Footbridge F6:** *Living Patterns of Light* by W.M. Chung
12:15 pm **Presentation 6**	**Procurement of S960 steelwork fabrication and quality control** *by* Bear Z.C. Ding
12:40 pm	***Lunch Break – No lunch is provided.***
2:00 pm **Presentation 7**	**Delivery and site installation of Footbridges F4 and F6** *by* Bear Z.C. Ding
2:25 pm **Presentation 8**	**Welding of S960 steel and development of welding procedure specifications** *by* H.C. Ho & H. Jin
2:50 pm **Presentation 9**	**Robotic site welding of S960 steel and related quality assurance** *by* Kenny Y.L. Wong & Danny Y.H. Chan
3:15 pm	**Coffee Break**
3:45 pm **Presentation 10**	**Site inspection and quality assurance of structural steelwork** *by* Benny M.Y. Lee
4:10 pm **Presentation 11**	**高性能钢的材料研发与工程应用的最新进展** 闫强军
4:35 pm **Presentation 12**	Concluding remarks
5:00 pm	***End***

Technical Seminar on Effective Use of S690 to S960 High Strength Steel in Construction
Two Large Scale Footbridges using Chinese High Quality S960 Steel

Date: 22 May 2026 (Friday)
Time: 9:00 am to 5:00 pm (Registration begins at 8:40 am)
Venue: Room Z209, Block Z, PolyU

Registration:
Registration fee includes 1-day attendance, a copy of CPD certificate and 2 refreshments:

Regular Registration:	HK$650 each
Group Registration:	HK$600 each for a group registration of at least 4 people

It should be noted that no lunch is provided.

As there are limited seats, all registration will only be confirmed upon receipt of payment and on a first-come-first-served basis. The CPD certificate and the official receipt for each participant will be distributed at the end of the event.

For payment details, please refer to the registration form. Registration will only be confirmed upon receiving the payment by bank-in transfer.

For enquiry, please contact Ms. Freda Chow through
i) Tel: 3400 8451 or ii) Email: freda.chow@polyu.edu.hk

The construction project of Footbridges F4 and F6 was awarded a **Grand Prize of the CIC Innovation Awards 2025** organized by the Construction Industry Council on 21 January 2026.

This construction project was also selected to receive a **Winner Award in Excellence in Innovation & Technology Adoption** of the Outstanding **NEC Team Performance Awards 2025 organized by the Development Bureau of the Government of Hong Kong SAR** on 30 January 2026.

Technical Seminar on Effective Use of S690 to S960 High Strength Steel in Construction

Two Large Scale Footbridges using Chinese High Quality S960 Steel

TS2026 - REGISTRATION FORM

To: Ms. Freda Chow (via email: freda.chow@polyu.edu.hk)

A. Personal Details:

Title	Name (in full)	Name of Company	Tel. No.	Email address
1.				
2.				
3.				
4.				
5.				
6.				

B. Registration Details:

Item	Registration Fee per person	Total no. of registration	Sub-total
1. Regular registration	HK$ 650		
2. Group registration (for at least 4 people)	HK$ 600		
		Total amount:	HK$

Payment Method: [Payment Receipt Required (please tick the appropriate box): □Yes □No

Please send us the payment transfer record through email for our record:

Name of Bank: Bank of East Asia

A/C No.: 251-40-400040-9

A/C holder name: Hong Kong Constructional Metal Structures Association Limited

Name of contact person: _____ Phone No.: _____