

Half Day Seminar
Seismic Design for Concrete and Steel Buildings
in Hong Kong
by

Ir Dr. Don HO and Ir Dr. Alfred FONG

Organized by
The Hong Kong Institute of Steel Construction

Sponsored by
Department of Civil and Environmental Engineering, The Hong Kong Polytechnic University
Structural Division, The Hong Kong Institution of Engineers

Abstract

Following the minor earthquake in Mui Wo (Lantau Island) on 11 March 2024, public attention has once again been drawn to the preparedness of buildings in Hong Kong under unexpected earthquake events. In this seminar, two experienced speakers will share the following topics: 1) the basic background of earthquake engineering; 2) general and advanced analysis techniques for seismic load on buildings; and 3) applications to concrete and steel buildings in Hong Kong. The audience can expect to gain a better understanding on the topic for the updated requirements in the future.

About the speaker

Ir Dr. Don HO is a registered professional engineer in structural discipline, and is a pioneer and expert in earthquake engineering, structure dynamics, and advanced concrete and steel structures. After leaving the academic field, he worked as a consultant for more than 10 years, and he is now focusing on the public sector. His signature projects include the local seismic code, PNB 118 the world second tallest building, the first tuned mass damper approved by the Buildings Department, and the first pre-accepted software GSA for pattern load analysis of grillage systems. His works have received the HKIE Structural Excellence Award, the CTBUH 10 Years Award, the HKIE Transactions Prize, the ICE Best Paper Award, the NCREE IDEERS First Prize, and the Sir Edward Youde Memorial Fellowships.

Ir Dr. Alfred FONG is a Registered Structural Engineer and a Fellow member of HKISC. He is also a visiting lecturer at The Hong Kong Polytechnic University and serves as a Committee Member in the HKIE Fire Division. He is experienced in design of long-span steel structures, high-rise buildings, residential and commercial development in medium to high seismicity cities such as Taiwan, Bangkok and Shanghai. He was also involved in drafting the seismic code for steel structures. He has authored and co-authored several journal papers and conference papers on advanced analysis method for steel and concrete-steel composite structures. Furthermore, he possesses ample experience in developing software that applies advanced analysis method in steel and composite structures.

Date: 17th May 2024 (Friday)
Time: 1:45 pm for 2:00 pm – 5:00 pm
Venue: Room Y305, The Hong Kong Polytechnic University, Hung Hom, Kowloon.
CPD: This seminar is recommended for 3 CPD hours
Certificate: An attendance certificate will be issued upon request.

REGISTRATION FORM
(To be replied on or before 10 May 2024)

Please follow the 2 steps registration procedure:

1. Fax or email the completed registration form to Mr. Sam Chan (Email: samchan@hkisc.org & c.c.: man@hkisc.org) for preliminary registration.
2. Post the completed registration form together with a crossed cheque payable to **Hong Kong Institute of Steel Construction Limited** to Mr. Sam Chan, at:
HKISC c/o Unit 209B, Photonics Centre, No. 2 Science Park East Avenue, Hong Kong Science Park, Shatin, NT.

Registration fee can also be paid by ATM or bank-in to HKISC bank account at Hang Seng Bank. Our **Hang Seng Bank** account number is **222-049918-001** and account name is "Hong Kong Institute of Steel Construction Limited". Please email the ATM transfer advice or deposit form to samchan@hkisc.org & c.c.: man@hkisc.org for record after transferred.

Places are limited. Please send the completed registration form to **Mr. Sam Chan, Secretary of the Institute of Steel Construction, c/o Unit 209B, Photonics Centre, No. 2 Science Park East Avenue, Hong Kong Science Park, Shatin, NT.** by **12:00 noon, 10 May 2024.** or through email: samchan@hkisc.org and c.c.: man@hkisc.org. For more technical information, please contact Miss Cat Lam at 3595 6150 or man@hkisc.org.

A. Personal Details:

Title	Name in full (Block Letter)	Name of company	Tel.	E-mail address	Institution/ Membership No.
1.					
2.					
3.					
4.					
5.					
Postal Address (for official receipt):					

B. Registration Details:

Item	Registration Fee	Total no. of registration	Sub-total
1. Regular registration (Member*price)	HK\$ 600 each x	_____person(s)	= HK\$ _____
2. Regular registration (Non-member*price)	HK\$ 700 each x	_____person(s)	= HK\$ _____
3. Group registration (at least <u>5</u> people)	HK\$ 600 each x	_____person(s)	= HK\$ _____
Total amount:			HK\$

Note: The registration fee includes e-copy of lecture notes & CPD certificate

*Member refers to HKIE or HKISC member

I enclosed a crossed cheque (cheque no. _____) with the sum of HK\$ _____ for the registration fee of the captioned Seminar.

Signature: _____ Date: _____

CPD Certificates of Attendance Please tick the appropriate box to indicate your choice:

Yes, I/ we would like to have CPD certificate(s). Not requested for certificate(s).

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