



One-day Symposium announcement on

2nd Contemporary Seismic Engineering 2011

Organized by

The Hong Kong Institute of Steel Construction

Sponsored by

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

Date:	21 st March 2011 (Monday)
Venue:	Chiang Chen Studio Theatre, The Hong Kong Polytechnic University
Time:	8:30 am (registration) for 9:00 am to 5:15 pm

Scope and Objectives

Traditionally and currently, seismic design is not required in design of building structures in Hong Kong and inertia loads due to seismic motion are not needed for consideration in local structural design codes. After the 512 earthquake in Sichuan, China, the public and professional in Hong Kong begin to reconsider whether or not there is a need of considering earthquake scenarios in Hong Kong.

The Mainland Chinese seismic design code GB50011-2010 for seismic design includes Hong Kong in the seismic fortification intensity of 7.5 degree which implies a basic ground acceleration equal to 0.15 g. This indicates another justification for consideration of seismic loads in design of structures in Hong Kong.

In addition to the local possible need of considering seismic loads for construction in Hong Kong, its engineers regularly work in the Mainland and overseas such as those countries in the Middle East, Southeast Asia and Macau. Many of these places require a different degree of seismic consideration in the framing plan and in the member and element design.

This seminar, as a sequel to the 1st seminar in the series, is aimed to remedy the above shortfalls with an aim to improve Hong Kong engineers' competence in seismic design of structures in Hong Kong and other places.

Official Language

English and Chinese (i.e. Putonghua) will be the official language of the Symposium for both oral and written presentation.

Fees & Registration

The registration fee includes a copy of the proceedings, a copy of CPD certificate, 2 tea refreshments. Lunch is not included.

CPD Certificates This seminar is recommended for **ONE** CPD day. An attendance certificate will be issued.

Please send the completed registration form with registration fee to Mr. Sam Chan , HKISC, c/o TU743, Department of Civil and Structural Engineering, The Hong Kong Polytechnic University, Hung Hom, Kowloon by 17th March 2011 (Tel: 852-34003965, Fax No.: 852-2334 6389). You can download this form on HKISC web (http://www.hkisc.org). For technical information, please contact Ir Prof. S.L. Chan at 2766 6047.
--

REGISTRATION FORM

(To be replied on or before 17 March 2011)

Please follow the 2 steps registration procedure:

1. Fax the completed registration form to Mr. Sam Chan (Fax: 852-2334 6389) 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, HKISC c/o Room TU743, Department of Civil and Structural Engineering, The Hong Kong Polytechnic University, Hunghom, Kowloon, Hong Kong, China on or before 17th March 2011.

To: Mr. Sam Chan **Fax: 852- 2334 6389**

A. Personal Details:

Title	Name in full (Block Letter)	Name of Company	Tel. (or Fax)	E-mail address
1.				
2.				
3.				
4.				
5.				

Postal Address
(for official receipt):

B. Registration Details:

Item	Registration Fee	Total no. of registration	Sub-total
1. Registration	HK\$ 650 each x	_____ person(s)	= HK\$ _____
Total amount:			HK\$

Note: The registration fee includes a copy of proceedings, CPD certificate and 2 tea refreshment

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 request for certificate(s).

Date: 21st March 2011 (Monday)
Venue: Chiang Chen Studio Theatre, The Hong Kong Polytechnic University
Time: 8:30 am (registration) for 9:00 am to 5:15 pm

Time	Program	Session Chairmen
08:45 am	Registration	
09:00 am	Welcoming Speech Ir Dr. C.M. Koon Chairman, Joint Structural Division, The Hong Kong Institution of Engineers (HKIE) and The Institution of Structural Engineers (IStructE)	Ir C.K. Lau
Lecture 1 09:30 am	Brief of Chinese Code for Seismic Design of Buildings B50011-2010 Professor Y.Y. Wang, Professor of CABR, National Master of Building Design, main editor, Chinese Code for Seismic Design of Buildings.	
11:00 am	Tea Break	
Lecture 2 11:30 am	Principles of seismic design with overview of Eurocode 8 Professor A. Y. Elghazouli, Professor of Structural Engineering, Head of Structures Section, Department of Civil & Environmental Engineering, Imperial College London, U.K.	Ir Dr. WT Chan
Lecture 3 12:15 am	Collapse modes of low-rise masonry infilled RC frame buildings under strong earthquakes. Dr. C.L. Lee, University of Hong Kong, HK	
1:00 pm	Lunch	
Lecture 4 2:15 pm	Application of modern composite components in high-rise construction Ir Dr. Goman Ho, Ove Arup and Partners Limited	Ir Aldows Tang
Lecture 5 3:00 pm	Second-order plastic hinge analysis for seismic and static design of building structures Dr. Y.P. Liu & Prof. S.L. Chan, Hong Kong Polytechnic University, HK	
3:45 pm	Tea Break	
Lecture 6 4:15 pm	Seismic Strengthening of reinforced concrete structures Ir Dr.S.S. Lam, Hong Kong Polytechnic University, Hong Kong	Ir Adam Choy
5:00 pm	Closing remarks Ir Prof. Paul Pang Chairman of Sub-Committee of IStructE Matters in HK, Past Chairman of Joint Structural Division of HKIE and and IStructE	
5:15 pm	End	