



Canadian Society for Civil Engineering
Hong Kong Branch
加拿大土木工程學會 (香港)



香港
鋼結構學會

Hong Kong Institute of
Steel Construction

4th Announcement of Symposium **Future Development of Seismic Design**

Date:	13 February 2015 (Friday)
Time:	8:30 am (registration) for 9:00 am to 5:30 pm
Venue:	Chiang Chen Studio Theatre, The Hong Kong Polytechnic University, Hunghom, Kowloon.

Programme Highlight

The Symposium is jointly organized by the Canadian Society for Civil Engineering Hong Kong Branch (CSCEHKB) and the Hong Kong Institute of Steel Construction (HKISC), and is supported by HKIE, HKU, HKPolyU, HKUST and CityU.

We are honoured to have **Mr. Victor SO, Chairman of Urban Renewal Authority** as our Guest of Honour to officiate the programme. Distinguished speakers from Australia, Canada, Mainland China, Taiwan China, United States of America and Hong Kong will be invited to share their expertise and insights on relevant topics with our audience.

The topics and the speakers of the papers are as follows: -

AM session	Speakers
1. Modeling of seismic actions in regions of low to moderate seismicity: The Hong Kong Case Study	Prof Nelson LAM , The University of Melbourne, Australia
2. Research and Practice on Seismic Design of Welded Steel Beam-to-Box Column Moment Connections in Taiwan	Prof TSAI Keh-Chyuan , National Taiwan University, Taiwan, China
3. Concrete Shear Walls Coupled with Energy-Dissipating Elements for Earthquake-Resistance	Prof LI Guo-Qiang , Tongji University, Shanghai, PRC
4. Preliminary Seismic Performance Assessment of Tall Buildings	Ir Prof J S KUANG , The Hong Kong University of Science and Technology, Hong Kong
PM session	
5. Seismic Assessment and Upgrading of a Heritage Building, Vancouver, Canada	Ir Patrick LAM CWMM Consulting Engineers, Vancouver, Canada
6. Economical and Safer Seismic Design by Plastic Analysis of Steel and Composite Frames	Ir Prof S L CHAN and Dr Y P LIU , The Hong Kong Polytechnic University
7. Earthquake Monitoring and Probabilistic Seismic Hazard Assessment of Hong Kong	Mr H.Y. MOK, Ir R.C.H. KOO, Ir Dr J.S.H. KWAN and Mr D.D.S. LAU , Hong Kong Observatory and Geotechnical Engineering Office, HKSARG
8. Pumping Plant Building Seismic Upgrades	Ir Bernard MO , East Bay Municipal Utility District, Oakland, California, USA

Language : English

Registration fee : HK\$1,000 (for CSCEHKB/HKISC member); HK\$1,300 (for HKIE member / Group of 5+); HK\$1,600 (for others). Tea refreshments are inclusive in the registration fee.

CPD certificate : The Symposium is recommended for 6-hour CPD

Deadline for registration: **11 February 2015 (Wednesday)**

With the extensive communication networks of CSCEHKB and HKISC, it is well anticipated that an audience size of about 200 building professionals from various government departments, engineering consultants, architects, contractors and academics would participate in the Symposium.

Registration & Enquiries

Enrolment will be accepted on a first-come-first-served basis. To enroll, please contact our Symposium Secretariat officer Mr. Sam Chan at samchan@hkisc.org.

Symposium Secretariat: c/o Room ZS 972, Block Z, Department of Civil and Environmental Engineering,
Hong Kong Polytechnic University, Hung Hom, Kowloon, Hong Kong



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REGISTRATION FORM
(To be replied on or before 11 February 2015)

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*,

Room ZS 972, Block Z, Department of Civil and Environmental Engineering,
 Hong Kong Polytechnic University, Hung Hom, Kowloon, Hong Kong

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	Total no. of registration	Sub-total
1. Special registration (CSCEHKB/HKISC member's price)	_____ person(s)	= HK\$ _____
2. Special registration (HKIE member's price / Group of 5+)	_____ 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 Symposium.

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). Certificate(s) not required.

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Future Development of Seismic Design

Organized by

Canadian Society for Civil Engineering (Hong Kong Branch)
Hong Kong Institute of Steel Construction

Supported by

Joint Structural Division, Hong Kong Institution of Engineers
Department of Civil Engineering, The University of Hong Kong
Department of Civil and Environmental Engineering, The Hong Kong Polytechnic University
Department of Civil and Environmental Engineering, The Hong Kong University of Science & Technology
Department of Architecture & Civil Engineering, City University of Hong Kong

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PROGRAMME

0830 – 0900	Registration	
Master of Ceremony : Ms Celia P W WONG		
0900 – 0905	Welcome Remarks	Dr Kelvin K C CEHUNG Chairman Canadian Society for Civil Engineering (Hong Kong Branch)
0910 – 0925	Opening Speech	Guest of Honour: Mr. Victor SO of Urban Renewal Authority
AM Session moderated by Ir Dr Goman W M HO		
0930 – 1000	Modeling of seismic actions in regions of low to moderate seismicity: The Hong Kong Case Study	Prof Nelson LAM The University of Melbourne, Australia
1000 – 1030	Research and Practice on Seismic Design of Welded Steel Beam-to-Box Column Moment Connections in Taiwan	Prof TSAI Keh-Chyuan National Taiwan University, Taiwan, China
1030 – 1045	Q&A Session	
1045 – 1115	Tea Refreshment	
1115 – 1145	Concrete Shear Walls Coupled with Energy-Dissipating Elements for Earthquake-Resistance	Prof LI Guo-Qiang, Tongji University, Shanghai, PRC
1145 – 1215	Preliminary Seismic Performance Assessment of Tall Buildings	Ir Prof J S KUANG The Hong Kong University of Science and Technology, HKSAR, China
1215 – 1230	Q&A Session	
1230 – 1400	Lunch	
PM Session moderated by Prof Ben Y B CHAN		
1400 – 1430	Seismic Assessment and Upgrading of a Heritage Building, Vancouver, Canada	Ir Patrick LAM CWMM Consulting Engineers, Vancouver, Canada

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1430 – 1500	Economical and Safer Seismic Design by Plastic Analysis of Steel and Composite Frames	Ir Prof S L CHAN Chair Professor in Structural Engineering The Hong Kong Polytechnic University Dr Y P LIU Research Fellow The Hong Kong Polytechnic University
1500 – 1515	Q& A Session	
1515 – 1545	Tea Refreshment	
1545 -1615	Earthquake Monitoring and Probabilistic Seismic Hazard Assessment of Hong Kong	Mr H.Y. MOK Senior Scientific Officer, Hong Kong Observatory Ir R.C.H. KOO Geotechnical Engineer, GEO, HKSARG Ir Dr J.S.H. KWAN Senior Geotechnical Engineer, GEO, HKSARG Mr D.D.S. LAU Scientific Officer, Hong Kong Observatory
1615– 1645	Pumping Plant Building Seismic Upgrades	Ir Bernard MO East Bay Municipal Utility District, Oakland, California, USA
1645 – 1700	Q&A Session	
1700 – 1710	Closing Remarks	Ir Dr W T CHAN Vice President Hong Kong Institute of Steel Construction OC Chairman of the Joint Symposium
1710 - 1730	Collection of CPD Certificates Photo-taking	