



The Hong Kong Institution of Engineers

Joint Structural Division



香港
鋼結構學會

Hong Kong Institute of
Steel Construction



Fourth announcement

THE HONG KONG POLYTECHNIC UNIVERSITY
DEPT. OF CIVIL AND STRUCTURAL ENGINEERING
香港理工大學
土木及結構工程系

ONE-DAY SEMINAR ON BASIC DESIGN AND TESTING OF TIMBER MATERIAL IN HERITAGE BUILDINGS

Organized by

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

Supported by

Joint Structural Division, The Hong Kong Institution of Engineers
Hong Kong Institution of Architects
Hong Kong Institution of Surveyors
Institution of Fire Engineers, Hong Kong Chapter
Department of Civil Engineering, The University of Hong Kong

Date:	27 th April 2012 (Friday)
Time:	8:45 am (registration) for 9:15 am to 6:00 pm
Venue:	Room ST111, Hong Kong Polytechnic University, Hungghom, Kowloon.

Scope and Objectives

Timber was rarely used in local construction industry except for trivial formwork system. Now that there are numerous revitalization projects involving the design and use of timber materials in heritage buildings, in particular the timber rafter/purlin/batten supporting Chinese pan roll tiles at roofs, there are aspirations from the building professionals in exploring the best practice when using timber materials in building construction.

The seminar would focus on an overview of historic timber structures, the basic design method using timber materials in building construction, the fire resistance protection of timber elements using new products, testing of timber materials, and the use and development of timber in Mainland China. Comparison amongst various timber design codes are demonstrated with a wide coverage of various design standards such as BS EN 1995, GB 50005, BS 5268 and B(C)R 1976. The procurement of timber materials would also be addressed.

The seminar is tailor-made for building professionals working on heritage conservation and timber construction as the information would be very useful for setting up the best practice. Architects, structural engineers, building surveyors, fire engineers, project managers, conservationists and regulators are most suitable to attend the seminar. The seminar will be delivered by speakers with expertise, which comprise Ir Eric P W CHAN, the former Senior Structural Engineer at the Heritage Unit in Architectural Services Department of HKSARG, Ir Dr W T CHAN, Senior Structural Engineer at the Heritage Unit of Buildings Department, Ir K T LEUNG, Technical Director of Chem Tech Fire Consultants, Ir Ben LEUNG, Director of CM Wong & Associates, and Prof C S HU, Associate Professor at South China Agriculture University in Guangzhou respectively.

Official Language

English and Putonghua will be the official language. The seminar would include a set of handout and one-day CPD certificate for the participant. Lunch will not be included.

Programme	HKISC member	HKIA, HKIE, HKIS, IFE member and government officers	Non-member
One-day seminar	\$ 800	\$ 1,000	\$ 1,300

Should you have further query, please do not hesitate to contact Mr. Sam CHAN at samchan@hkisc.org



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ONE-DAY SEMINAR ON BASIC DESIGN AND TESTING OF TIMBER MATERIAL IN HERITAGE BUILDINGS

REGISTRATION FORM (To be replied on or before 26 April 2012)

Please follow the 2-step 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 within 7 days together with a crossed cheque payable to **Hong Kong Institute of Steel Construction Limited** to *Mr Sam CHAN*, at:

Room TU743, Department of Civil and Structural Engineering,
The Hong Kong Polytechnic University, Hungghom, Kowloon, Hong Kong, China.

on or before the deadline.

To: Mr Sam CHAN

Fax: 852- 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. Regular registration (Members and government officers' price)		_____ person(s)	= HK\$ _____
2. Regular registration (Non-members' price)		_____ person(s)	= HK\$ _____
Total amount:			HK\$

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).

**ONE-DAY SEMINAR ON
BASIC DESIGN AND TESTING OF TIMBER MATERIAL IN HERITAGE BUILDINGS**

MC – Ms Celia WONG

Venue: Room ST111, Hong Kong Polytechnic University

Time	Programme
8:45am-9:10am	Registration
9:10am-9:15am	Welcome Speech - by <i>Ir Dr C M KOON, Assistant Director of Buildings</i>
9:15am-10:45am	Overview of Historic Timber Structures – by <i>Ir Eric P W Chan</i>
10:45am-11:15am	Tea Break
11:15am-12:30pm	Basic Design and Testing of Timber Material in Building Construction – by <i>Ir Dr W T CHAN</i>
12:30pm-1:55pm	Lunch Break
2:00pm-3:00pm	Fire Resistance Protection to Timber Materials – by <i>Ir K T LEUNG</i>
3:00pm-3:30pm	Testing of Timber Materials – by <i>Ir Ben C H LEUNG</i>
3:30pm-3:50pm	Tea Break
3:50pm-5:30pm	Development trend of Timber in Mainland China. Procurement, verification of origin and species, and testing of Timber. by <i>Prof HU Chuan Shuang of South China Agriculture University</i>
5:30pm-5:45pm	Q & A Forum
5:45pm-6:00pm	Closing Remarks – by <i>Mr. Tony C W LAM, a member of the Antiquities Advisory Board</i> Collection of CPD Certificates