

SPEAKERS

PROFESSOR W.K. CHOW JP FHKEng
Director, Research Centre for Fire
Engineering
Head of Department, Department of
Building Services Engineering, HKPolyU

Dr. N.K. FONG
Associate Professor, Department of
Building Services Engineering, HKPolyU

Ir TAM Tai-keung
Senior Divisional Officer, HKFSD

Ir WOO Yuen-kwong
Acting Assistant Divisional Officer, HKFSD

Reply to:
Miss Y.Y. Yeung
Tel: 2766 5862 Fax: 2765 7198
E-mail: beelize@polyu.edu.hk
Department of Building Services Engineering
The Hong Kong Polytechnic University
Hung Hom, Kowloon
[Ref: Study on Automatic Sprinkler System Used for
Domestic Buildings]

Name (in Full): _____
Company: _____
Tel: _____
E-mail: _____

- Free Admission -

D a t e

9 January 2014 (Thu)

T i m e

2:15 – 5:15 pm

V e n u e

**Room Z2-001
The Hong Kong Polytechnic University**



THE HONG KONG
POLYTECHNIC UNIVERSITY

DEPARTMENT OF
BUILDING SERVICES ENGINEERING



C P D L E C T U R E

Study on Automatic Sprinkler System Used for Domestic Buildings

Organized by

Professor W.K. Chow JP FHKEng
Director, Research Centre for Fire Engineering
Head of Department, Department of Building Services
Engineering
Leader, Former Area of Strength: Fire Safety Engineering
The Hong Kong Polytechnic University

SCHEDULE

2:15 pm	Registration
2:30 pm	Welcome and Introduction by Professor CHOW
2:40 pm	Talk by Ir. TAM
3:00 pm	Break
3:30 pm	Talk by Ir. WOO
4:15 pm	Talk by Dr. FONG
4:50 pm	Q&A

ABSTRACT

Most of the domestic units in Hong Kong are located in high rise buildings in urban areas. Starting from 1960s, many domestic buildings were built up to 6 storeys high. In 1970s to 1990s, most of the domestic buildings were built with at least 20 storeys. Nowadays, domestic buildings with 40 storeys to 70 storeys or even more are very common. As in other developed countries, more than half of the fires occurred in domestic premises. Without any active Fire Service Installations, the fire could only be tackled by firefighters after the fire had been discovered and reported. Those tragedies can be avoided or alleviated by improving or enhancing the local fire safety requirements.

In this CPD lecture, preliminary experiments on fire protection by residential sprinklers will be reported. The experimental study was supported by the Hong Kong Institution of Engineers - Fire Division and a local testing laboratory. The necessity of having a sprinkler system in residential buildings is pointed out.