

## Fire Division CPD Training Course 2018

**Organized by the Hong Kong Institution of Engineers (HKIE) Fire Division**

### Programme Highlight

With the coming legislation of registered fire engineers, The HKIE Fire Division deliberately delivers the CPD Training Course 2018 to achieve the goal. The training course consists of six lectures covering the six domains of fire engineering with case studies, which extends the Fire Division CPD Training Course 2017 and is suitable for professional engineers ranging from graduate engineers to veterans who are interested to join the Fire Discipline of the HKIE. It covers a wide range of knowledge from building design, statutory submission to facility management. We are honored to have eminent academics, experienced professionals, senior consultants and government officials who possess substantial practical experience to introduce concepts of fire science, human psychology and physiology, active fire protection systems analysis, passive fire protection systems analysis, law, regulations and standards, and fire risk management.

The course is specially tailored for a full spectrum of fire engineering-related professionals such as consultants, surveyors, architect, project managers, facility managers and engineers of other disciplines, who interact frequently with fire engineers or have been practicing fire engineering works and would like to better equip themselves by taking a closer look at the doctrines of Fire Engineers or the latest fire engineering knowledge through case studies.

Lecture	Date	Theme	Speaker	Venue
1	23/1/2018 (Tue)	<p><b><u>Passive Fire Protection Systems Analysis</u></b> Importance of Reaction to Fire Properties of Materials: Combustibility, Spread of Flame and Smoke Generation</p> <p>Fire Protection in Curtain Wall and Facade Systems</p>	<p><b>Dr Lipmann SZE</b> Fire Engineer Research Engineering Development Facade Consultants Limited</p> <p><b>Dr Dominic YU</b> Steel, Fire and Facade Consultant, Alpha Consultants Limited</p>	Chiang Chen Studio Theatre, The Hong Kong Polytechnic University
2	29/1/2018 (Mon)	<p><b><u>Fire Science</u></b> Theories of Fire Dynamics &amp; Field Test</p>	<p><b>Dr Jason YUEN</b> Associate Arch &amp; Fire Professional (International) Limited</p>	Chiang Chen Studio Theatre, The Hong Kong Polytechnic University
3	13/2/2018 (Tue)	<p><b><u>Active Fire Protection Systems Analysis</u></b> CFD Modelling for Smoke Movement</p> <p>Design of Smoke Extraction System</p>	<p><b>Dr S S HAN</b> Senior Engineer Meinhardt (M&amp;E) Limited</p> <p><b>Mr Boris TANG</b> Senior Engineer, Meinhardt (M&amp;E) Limited</p>	Chiang Chen Studio Theatre, The Hong Kong Polytechnic University
4	23/2/2018 (Fri)	<p><b><u>Fire Risk Management</u></b> Quantitative Fire Risk Analysis</p> <p>Case Study on Implementation of Fire Safety Management Plan</p>	<p><b>Ir Dr Eric LEE</b> Associate Professor Department of Architecture &amp; Civil Engineering, City University of Hong Kong</p> <p><b>Ir Timothy CHU</b> Technical Committee Building Services Operation and Maintenance Executives Society</p>	Chiang Chen Studio Theatre, The Hong Kong Polytechnic University

5	20/3/2018 (Tue)	<b><u>Human Psychology and Physiology</u></b> Building Evacuation Modelling	<b>Ir Annie CHOI</b> Technical Director WSP (Asia) Limited	HKCSS – Duke of Windsor Social Service Building (Auditorium)
6	29/3/2018 (Thu)	<b><u>Law, Regulations and Standards</u></b> The Latest Developments in the Enforcement of the Fire Safety (Buildings) Ordinance, Cap. 572 Law of Hong Kong  <i>To be determined</i>	<b>Mr LAM Shun-wa, Adam</b> Divisional Officer (New Projects) 2 Fire Services Department  <b>Mr YU Kwok-hung, Joseph</b> Chief Building Surveyor/Fire Safety Buildings Department	Chiang Chen Studio Theatre, The Hong Kong Polytechnic University

\*The program is correct at the time of release and is subject to amendment without notification.

Lecture Time : 6:30pm – 9:30pm  
 Venue : **23/1, 29/1, 13/2,** Chiang Chen Studio Theatre  
           **23/2, 29/3**           The Hong Kong Polytechnic University, Hung Hom, Kowloon, Hong Kong  
  
                                   **20/3**                   Auditorium  
   Room 1001, 10/F, Duke of Windsor Social Service Building, No. 15  
   Hennessy Road, Wanchai, Hong Kong  
  
 Language : Cantonese / English  
 Course fee : HK\$2,800 (6 lectures); HK\$2,500 (5 lectures); HK\$2,100 (4 lectures);  
                   HK\$1,600 (3 lectures); HK\$1,100 (2 lectures); HK\$550 (1 lecture)  
 Early Bird : 10% Discount for registration on or before **16 January 2018 (Tuesday)**  
 Discount  
 CPD certificate : The training course is recommended for 3 CPD hours for each lecture

### Registration & Enquires

Enrolment will be accepted on a first-come, first-served basis as seats are limited.

**Individual Enrolment:** Please click <http://form.redasia.com.hk/cpd2018>

**Group Enrolment:** Please download the group enrolment form here <http://form.redasia.com.hk/cpd2018/groupform.pdf> and please complete and return the attached group enrolment form via Fax (3186 6810) or email ([hkie.cpd@redasia.com.hk](mailto:hkie.cpd@redasia.com.hk))

For enquiries, please contact Ms. Ivy CHAN (Course Secretariat, Red Asia Communications Limited) at 3421-0547 / [hkie.cpd@redasia.com.hk](mailto:hkie.cpd@redasia.com.hk).