

Fire Division CPD Training Course 2020/2021

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 Course 2021 to achieve the goal. The course consists of six lectures covering the six domains of fire engineering with case studies, which extends the Fire Division CPD Course 2020, 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(s)
1	18/02/2021 (Thur)	<p><u>Fire Risk Management</u> Implementation of Fire Safety Management on Fire Engineering Design</p> <p>Challenges and opportunities of maintaining the high-rise landmark hazard free - the experience of International Commerce Centre</p>	<p>Ir TSANG Sau-kit Wilson HKIE Council Member The Hong Kong Institution of Engineers</p> <p>Ir Lewis LAM Assistant General Manager Kai Shing Management Services Limited</p>
2	25/02/2021 (Thur)	<p><u>Fire Science</u> Practical application of computational fluid dynamics in fire engineering.</p>	<p>Dr. Sherman CHEUNG Associate Professor RMIT University</p> <p>Dr. Anthony YUEN Lecturer UNSW Sydney</p>
3	02/03/2021 (Tue)	<p><u>Passive Fire Protection Systems</u> Advanced Testing Methods for Fire Resisting Products used in Tunnels – the “RWS heating curve”</p> <p>Innovative design in passive fire products</p>	<p>Dr. Lipmann SZE Technical Director Research Engineering Development Facade Consultants Limited</p> <p>Ir Dr. Dominic YU Principal - Structure Fire & Façade Alpha Consultants Limited</p>

4	11/03/2021 (Thur)	<u>Human Psychology and Physiology</u> Building Evacuation - Modeling and Case Studies	Ir Annie Yuk-Kuen CHOI Director, Building MEP China Region WSP Ir Antony SIEN Senior Associate WSP
5	16/03/2021 (Tue)	<u>Active Fire Protection Systems</u> Active Fire protection consideration and design for special treatment plants Experience Sharing on the Metro Tunnel Ventilation System Design Practices Outside of Hong Kong	Ir Steven LAI Chief Executive, Environmental Engineering ATAL Engineering Ltd. Ir Walter CHUK Director Velocitas Global Company Limited
6	25/03/2021 (Thur)	<u>Law, Regulations and Standard</u> Fire Safety (Industrial Buildings) Ordinance Chapter 636 Specification for Automatic Sprinkler Installations (FSD Circular Letter No. 5/2020) Additional Fire Safety Requirements for Car Parking Facilities installed with Electric Vehicle Charging Facilities (FSD Circular Letter No. 4/2020)	Mr. CHEUNG Ka-lai Gally Senior Building Surveyor Buildings Department Ir Dr. Rumin YIN Engineer Fire Services Department Ir Dr. WOO Yuen-kwong Assistant Divisional Officer (New Projects) Fire Services Department

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

*Speakers are subject to change without further notification.

Date : 18/2, 25/2, 2/3, 11/3, 16/3, 25/3
 Lecture Time : 6:45pm – 9:45pm
 Format : Webinar
 Language : Presentation in Cantonese and PowerPoint in English
 Course Fee : HK\$2,000 (6 Lectures); HK\$1,800 (5 Lectures); HK\$1,400 (4 Lectures)
 HK\$1,100 (3 Lectures); HK\$800 (2 Lectures); HK\$400 (1 Lecture)
 Early Bird Discount : 10% Discount for registration on or before **17th January 2021 (Sunday)**
 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.

Enrolment: Please click <https://forms.gle/mJZpbotsGcBWAepi9>

For enquiries, please contact Ms. Emily CHEUNG

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