

### The HKIE Fire Division 14<sup>th</sup> Annual Symposium 2023

Date: 24 May 2023 (Wednesday)

Time: 9:30am – 6:00pm

Venue: Meeting Room S421, Hong Kong Convention and Exhibition Centre

Theme: “Create, Change, Connect”

#### Programme Highlight

The theme of the Symposium this year is "**Create (Innovation & Advancement), Change (Industrial Evolution & Transformation), Connect (Environmental, Social & Governance)**". Smart technologies not only enhance the sustainability of urban environment but also create compelling spaces that enrich lives. Moreover, the evolution of technology also enables academia, regulators, industry practitioners and engineers to develop more innovative ideas and strategies in mitigating fire risks. Our speakers from Shenzhen, Macau, Hong Kong and USA will share with audiences their research updates and valuable experience to address various hottest issues and challenges being encountered for fire safety. Mr. LAM Sai Hung, GBS, JP, Secretary for Transport and Logistics, has kindly consented to be the Guest of Honour for the Symposium to deliver an opening speech.

#### Presentation Topics

Name & Title	Organization	Topic
Ir Dr Young WONG <i>Director</i>	Arup	Arts and Culture Development: Fire Safety Design with Digital Technology
Dr Lipmann SZE <i>Technical Director</i>	Research Engineering Development Facade Consultants Limited	Recent Developed Test Method to Evaluate Fire Spread Performance of Façade
Dr Xinyan HUANG <i>Assistant Professor, and the Deputy Director of the Research Centre for Fire Safety Engineering</i>	The Hong Kong Polytechnic University	Smart Firefighting: Progress of SureFire Project
Ir Prof Eric LEE <i>Professor, Department of Architecture and Civil Engineering</i>	City University of Hong Kong	Recent Developments in Building Evacuation Modelling

Name & Title	Organization	Topic
Dr Anthony YUEN Chun-yin <i>Assistant Professor, Presidential Young Scholar</i>	The Hong Kong Polytechnic University	Recent Materials and Modelling Advancements for Lithium-Ion Batteries - Towards Machine Learning Assisted Thermal Management Systems Hybridizing Smart Materials
Mr WO Wing-wai <i>Divisional Officer (New Projects)3 of New Projects Division</i>	Fire Services Department	Fire safety requirements for car parking facilities
TBC	深圳市住房和建設局	TBC
Mr Joseph VAUGHN & Ir Tracy PANG	Jensen Hughes Arup Macau	Macau Practice for Non-Macau Code and Performance Based Design
Victoria GRIMES <i>Senior Fire Engineer</i>	ARUP Boston	An Introduction to Hydrogen Safety in Mobility

*\*Programme, Topics and Speakers are subject to change without prior notice*

### Admission Package

The HKIE Fire Division 14<sup>th</sup> Annual Symposium will be held in physical format.

CPD certificate (6 hours) will be issued to those attending full day session at the end of Symposium.

#### (1) Admission Fee (Early-Bird Discount **on or before 2 May 2023**)

- HKIE/Supporting Organization members: HKD \$1,400 (Full Day Session Including Lunch)
- Non-members: HKD \$1,500 (Full Day Session Including Lunch)

#### (2) Admission Fee (Standard)

- HKIE/Supporting Organization members: HKD \$1,600 (Full Day Session Including Lunch)
- Non-members: HKD \$1,700 (Full Day Session Including Lunch)

#### (3) Full Time Student

- HK\$100 (NO Lunch is included)

### **Enrolment**

Please click the below link and sign-in for registration:

<https://forms.gle/dWWhfMctQCvpYgww6>

- a) Enrolment will be accepted on a first-come, first served basis as seats are limited.
- b) Please settle the payment by crossed cheque made payable to “The Hong Kong Institution of Engineers – Fire Division” or “香港工程師學會 – 消防分部” and send it to Ms. Mani LAI at Ming Focus Limited (Event Secretariat) Room 1411, 14/F, CC Wu Building, 302-8 Hennessy Road, Wanchai, Hong Kong.
- c) There will be no refunds once payment has been made.

### **Enquires**

For enquiries, please contact Ms. Mani LAI (Event Secretariat, Ming Focus Limited) at 3101 9108 / [hkie.symposium@mingfocus.com](mailto:hkie.symposium@mingfocus.com)

### **Disclaimer:**

The organiser (Fire Division of HKIE) organised this event to provide a platform for speakers to share their views/information on some topics for fire safety to participants. The materials presented at the Symposium is for sharing and general information purpose only and is solely the opinion of the author and presenter. We will not be responsible for any errors, omissions or misstatements in, or for any direct or indirect loss or damage arising from or in respect of any use or misuse of those materials presented by the speakers in the Symposium.

## Supporting Organizations



Asian Institute of Intelligent Buildings (AIIB)



ASHRAE Hong Kong Chapter (ASHRAE)



Building Services Operation and Maintenance Executives Society (BSOMES)



Chartered Institution of Building Services Engineers, Hong Kong Region (CIBSE)



HKIE Building Services Division



The Hong Kong Institute of Steel Construction (HKISC)



The International Facility Management Association, Hong Kong Chapter (IFMA)



The Institution of Fire Engineers  
Hong Kong Chapter (IFE)