

## **FIRE DIVISION**

### **CHAIRMAN'S REPORT (Session 2017-2018, 10th HKIE FE Anniversary) ANNUAL GENERAL MEETING of the HKIE FIRE Division**

It is my great honor to serve the HKIE Fire Division in the capacity of Chairman for the Session 2017/2018. This year also marks the 10th Anniversary of the establishment of the Fire Division.

Our goals were set down at the onset of the Session, namely

1. Promoting the Fire Engineering in the local building industry is always our common goal.
2. Registered Fire Engineers (RFE) – As one of the major stakeholders in Fire Engineering, the Fire Division supports the Fire Services (Amendment) Bill 2016. We contemplate only the competent persons should be qualified as RFE. Competence comprises professional knowledge, skill, and ability to perform the requisite task, in particular, professionals who possess adequate knowledge of Fire Engineering with relevant training and experience should be registered as RFE. Formal and informal meetings amongst Fire Services Department, Institution of Fire Engineers and Government Bureau were held to pave the way for RFE.

Not only we have our regular CPD courses, technical visits, overseas visit and symposium, we are also acting more interactively with other institutions such as joint seminar with HKIE Building Services Division on FSD approval process, Joint organizers with Institution of Fire Engineers Hong Kong Branch, the Hong Kong Fire Services Department (HKFSD), the Hong Kong Institution of Engineers (Building Services Division), the Ambulance Service Institute (Hong Kong Branch) and the China Hong Kong Fire protection Association for Fire Asia 2018, and Joint Comprehensive Certificate Course (JCCC) on Fire Services Systems in Smart City 2018.

Riding on the success of the Past Chairmen and Committees, we create changes in a quiet and seamless manner.

- a. A record of strong financial standing of over 1 Million.
- b. A remarkable 10th HKIE Fire Division annual dinner event that all guests enjoyed that evening.
- c. Overseas Japan visit.
- d. Joint effort with other institutions to promote Fire Engineering.
- e. Divisional Videos were uploaded to the Facebook.
- f. Website enhancement of adding a 'Professional Corner' in Division website.

I would like to express my heartfelt thanks to all members of the Fire Division Committee members for their dedicated effort and unflinching support leading to the fruitful achievements of the Session. With their contributions and collaborative efforts, high quality activities were delivered to the audiences. It is my great honor to work with the dedicated Committee members totally committed to achieve the tasks.

Currently, 792 members are now in the HKIE Fire Division.

The report of Fire Division for the year-plan activities is shown in Appendix which encompasses technical talks, visits and seminars for the Session 2017-2018. Nonetheless, activity highlights are appended for ease of reference:

### CPD Courses

The CPD courses commencing from 23 Jan 2018 to 29 Mar 2018 had been successfully conducted with more than 100 to 200 participants. The CPD course covers: Importance of Reaction to Fire Properties of Materials - Combustibility, Spread of Flame and Smoke Generation; Fire Protection in Curtain Wall and Facade Systems; Theories of Fire Dynamics & Field Test; CFD Modelling for Smoke Movement; Quantitative Fire Risk Analysis; Building Evacuation Modelling; Roles of Fire Services Department in Processing of General Building Plans and Acceptance Inspection Under the Buildings Ordinance, Cap123; Implementation of the Fire Safety (Commercial Premises) Ordinance, Cap. 502 and Fire Safety (Buildings) Ordinance, Cap. 572, Laws of Hong Kong.

### 10th Anniversary Annual Dinner of Fire Division

The dinner was successfully held on 14 November 2017 at the Intercontinental Hotel Hong Kong. A keynote speech was given by the Guest of Honor Legco Member Ir Dr LO Wai kwok. Ir Dr LO appreciated the contribution and development of fire engineering in building industry and the future trends of having Registered Fire Engineers to serve the community. The dinner was well received by more than 500 guests and members to have a joyful and happy moment to celebrate the 10th anniversary.

### 10th Annual Symposium

Due to the Fire Asia (Main theme is Join Hands Towards A New Era of Safety) to be held in May 2018, in order to have a better arrangement for the practitioners, the 10th Annual Symposium of Fire Division was scheduled to be held in September 2018 and the venue has been fixed in Hong Kong PolyU Jockey Club Theatre. The main theme of the Annual Symposium is “Rejuvenization of Existing Building”. Ir Dr CHEUNG Tin-Cheung, JP Director of Buildings has accepted to be our Guest of Honor and will deliver a speech to officiate at the opening ceremony.

### Website

The Division’s website has been regularly updated with the upcoming activities and seminars organized by the Division, etc. Members are encouraged to visit the Division’s website for updated information and upcoming events.

### HKIE Boards and Committees

Division Committee Members are serving in the following Board and Committees:-

- Member (Council) – Ir Gilbert LAW Kam Cheong
- Discipline Representative - Ir Dominic CHEUNG Yat Cheong
- Learned Society Board - Ir Wilson TSANG Sau Kit
- Public Relations Committee - Ir Dr Fiona TSUI Suk Chong

## Future Focus

The Fire Division will continue to pursue the following tasks:-

- Work closely with Bureau, Fire Services Department and other institutions for the Fire Services (Amendment) Bill 2016 on the Registered Fire Engineers.
- Provide a web based professional knowledge sharing with the professionals.
- Encourage more young professionals to join the Fire Division; and
- Enhance the collaboration with the Mainland China and overseas fire counterparts.

To this end, to strive for better performance and development of HKIE Fire Division, I appeal for continued support of all FE Committee members and persons concerned to cultivate and to promote the mission and core values of fire engineering.

Ir Wilson TSANG Sau-kit  
Chairman (Session 2017/2018)  
The HKIE Fire Division

## Technical Visit, Talk and Activity Report - Session 2017/2018

Item	Description	Type	Date	Speaker	Progress	No of participants
1	Performance Base on High Hazard Storage for Sprinkler System	Talk	19.7.2017	Simon Bird	Completed	20
2	Applications of fire dynamics simulator in fire investigation and whirling fire studies	Talk	3.8.2017	Dr Yuen Chun – yin, Anthony	Completed	60
3	Technical Visit to Disneyland ( Thursday )	Visit	28.9.2017	Disneyland and Mott	Completed	20
4	Fire Division Annual Dinner	Annual Dinner	14.11.2017	GoH - LO Wai Kwok	Completed	more than 500
5	Seminar on FSD Approval Process	Talk	28.11.2017	HKFSD	Completed	more than 300
6	Overseas Visit to Japan	Overseas Visit	29.11 - 2.12.2017	N.A.	Completed	11
7	Road to Become a Fire Engineer	Talk	30.11.2018	Ir D Cheung / Dr Y Wong	Completed	more than 70
8	Overseas Visit to Tai Shan, Bay Area	Visit	17-19.3.2018	N.A.	Completed	39
9	FSD Circular Letter 2/2017 Minimum Fire Resisting Cable Requirements for Fire Service Installation	Talk	2.5.2018	Ir Albert TANG	In progress	
10	How WSD new water regulation and procedures affects on FS Installation	Talk	May-18	CIPHE	In progress	
11	Technical Visit to West Kowloon Xiqu Centre	Visit	18.6.2018	TBA	In progress	
12	Technical Visit to Hong Kong-Zhuhai-Macao Bridge HongKong Boundary Crossing Facilities - Passenger ClearanceBuilding	Visit	Jun-18		In progress	
13	Visit the Construction Innovation and TechnologyApplication Centre (CITAC)	Visit	30.6.2018		In progress	
14	Technical Visit to PMQ Police Married Quarters	Visit	18-Jul		In progress	
15	Annual Symposium	Symposium	21.9.2018	8 speakers	In progress	