



INSTITUTION OF FIRE ENGINEERS, SINGAPORE

THE INTERNATIONAL ORGANISATION FOR FIRE PROFESSIONALS

Issue No. 25 | APR – JUN 2021

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 Ms Chelsia Ruth Wong  
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 Mr David Goh  
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## A WORD FROM THE EDITOR

See something different?

As part of this year's international IGA, IFE has refreshed its branding globally. With a heritage spanning more than 100 years, the refresh and its associated communications initiatives is expected to reinforce the position of the IFE as an organisation that remains highly relevant to both its members and the wider fire safety community. This message is shaped and informed by -

### Equilibrium

- We represent all of our members, whoever they are, whatever their role and wherever they are located
- We will advance and improve the knowledge, practice and recognition of all fire professionals
- We enable people via knowledge and pathways to develop at all levels whether they are starting their career or are seasoned professionals

### Leadership

- We are outspoken on issues, leading in national and international debates with definitive, expert opinion and guidance - being heard first, not last
- We foster knowledge and expertise to advance the industry and enable an increasingly fire safe world
- We harness and share knowledge from around the world to help nurture innovation and best practice in all the fire professions that we represent

### Advantage

- We will stand up for our members, promoting their value and professionalism
- We will create opportunities to share knowledge and give voice to our members on key issues
- We will give members the tools and evidence they need to educate others to create a fire safe world

## EVENTS & NEWS

### 52<sup>nd</sup> Run of Servicing and Maintenance of Fire Extinguishers 17<sup>th</sup> May to 20<sup>th</sup> May 2021

The 52<sup>nd</sup> run of the servicing and maintenance of fire extinguishers was recently concluded in 20<sup>th</sup> May 2021. Congratulation to all participants who successfully completed the course.



Photograph: Attendees at 52<sup>nd</sup> run of the servicing and maintenance of fire extinguishers (theory lessons)

## EVENTS & NEWS

### Seminar on Updates to Fire Code 2018 Amendments Batch 5 to 8

18 June 2021, 3pm to 4:30pm

#### ONLINE SEMINAR

On 18<sup>th</sup> June 2021, IFE conducted a seminar on the most recent updates (Batch 5 to 8) to the Code of Practice for Fire Precautions in Buildings 2018. The seminar was attended by 58 participants from IFE.

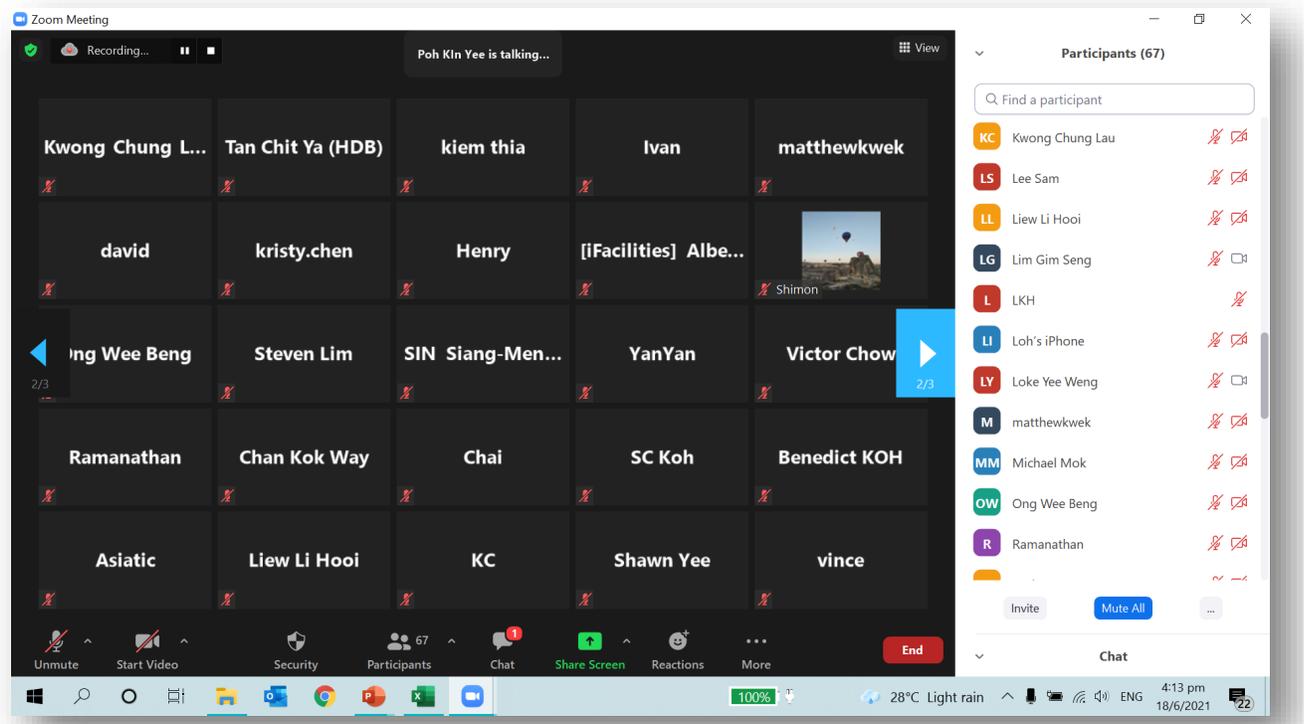
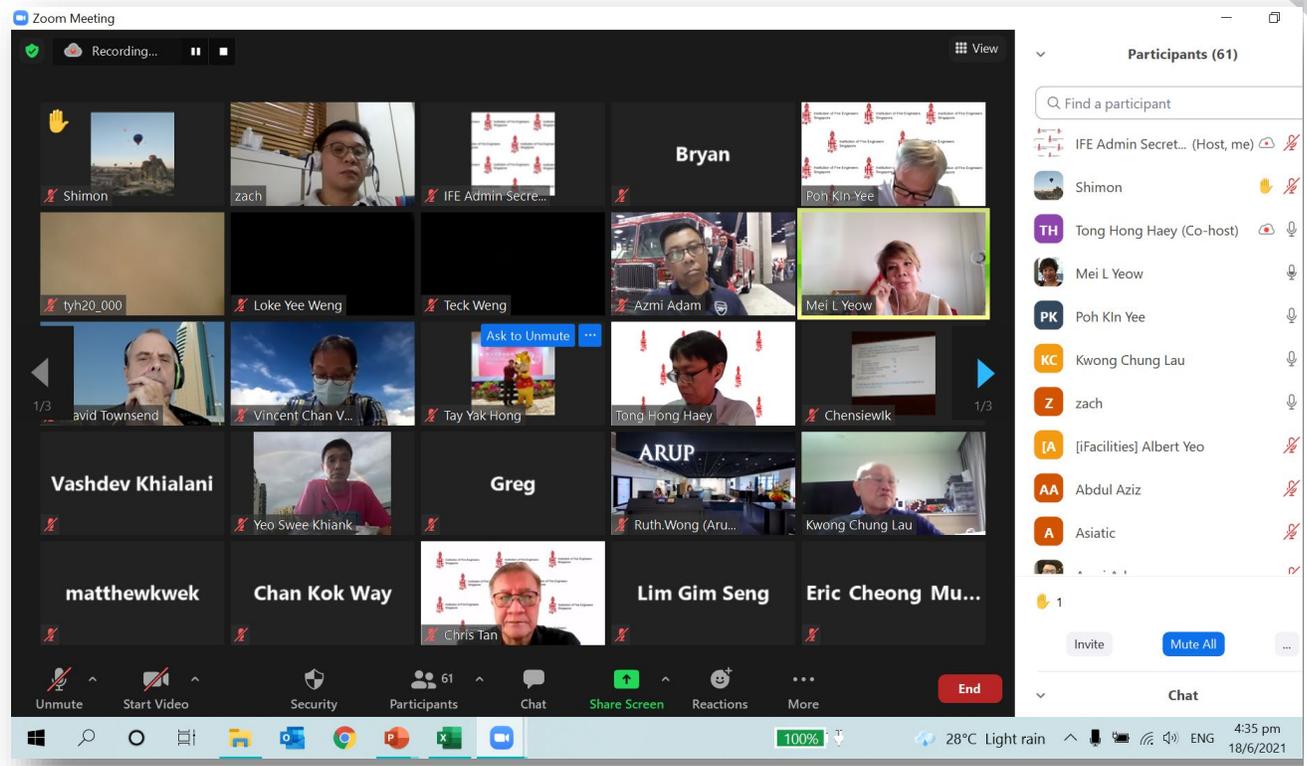
Batch 5 and 6 was presented by Er Yee Poh Kin, covering the topics on regulated fire safety products and materials. Due to the recent incidents with ACP fires globally, SCDF has taken initiative to detail the role and responsibilities of the various parties involved in the supply chain for fire safety products used in Singapore.

Batch 7 and 8 was presented by Yeow Mei Leng, which included documentation requirements in the Fire Safety Report, fire protection systems (hydrant) requirements, standby and redundancy requirements for emergency ventilation systems. She also went through the requirements for the newer and special building/usage types introduced in the code such as capsule hotels and farm buildings.

The seminar ended with a brief but lively Q&A session chaired by Mr Tong Hong Haey from IFE.



Photograph: Snapshot of presentation by Er Yee Poh Kin



Photograph: Snapshots of the Members attending the IFE Seminar

## EVENTS & NEWS

### Seminar on Fire Protection for Lithium - Ion Battery Energy Storage System

6 May 2021, 10:30am to 12pm

#### ONLINE SEMINAR

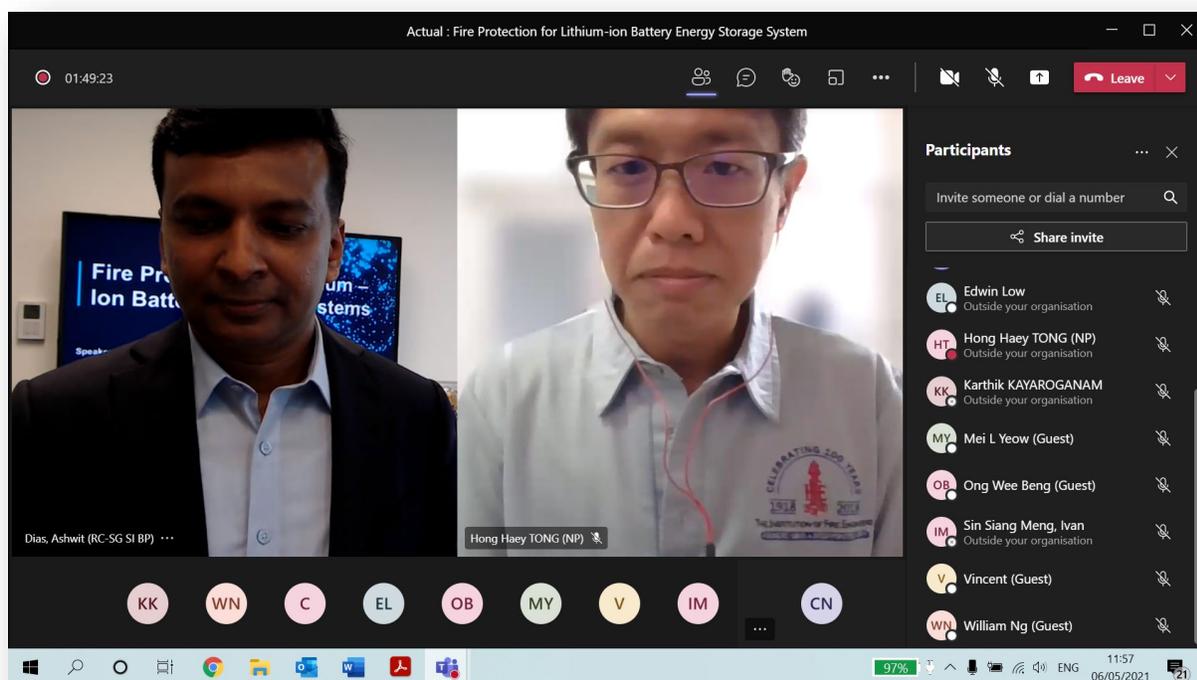
On 6<sup>th</sup> May 2021, Mr. Ashwit Dias from Siemens conducted a seminar on the fire risks associated with lithium-ion battery energy storage system within a building and described how appropriate fire protection systems can be adopted to mitigate these fire risks. The seminar was attended by 48 participants from IFE and its affiliated partners.

The increasing wide-spread use of lithium-ion batteries introduces 'new' fire risks from electrical fire risk, heavy power load resulting in short-circuiting or overheating, high air ventilation increasing risk of fire spread, and thermal runaway of the battery cells.

Mr. Dias also went through explanation of the process of thermal runaway and fire tests done to study this phenomenon.

As part of the seminar, he also went through the different technologies developed by Siemens to address thermal runaway in terms of detection, shutdown and propagation prevention.

The seminar ended with a brief but lively Q&A session chaired by Mr Tong Hong Haey from IFE.



Photograph: Snapshots of the Members attending the IFE Seminar

# UPCOMING EVENTS & ACTIVITIES

## Fire Investigation Case Studies Sharing Dialogue

Mid-September 2021

### Seminar Information

The session will highlight one case study in relation to fire investigation. It will be presented by the showing of site images in a progressive manner, similar to that in which a fire often presents itself to the investigator. The aim is to generate and encourage thoughts and some inputs by the audience. In doing so, it is envisaged that the audience will gain insights into not only the physical forensics but also of the liabilities.

### Target Audience

Fire Safety Engineers, Professional Engineers, Registered Architects, Fire Investigators, SCDF, Fire Safety Managers, Safety Officers, Officers from Relevant Government Agencies, Suppliers of Fire Products, Building Owners, Developers, Building Contractors, Facility Management and Maintenance Personnel, etc.

### Speaker Profile

David Townsend is an experienced fire and explosion investigator. He has, this year, reached 45 unbroken years in fire which began with a full 30-year career in the London Fire Brigade. Now, as manager of Andrew Moore & Associates group fire response and investigation services, he is responsible for fire, and explosion investigations as well as fire related consultancy assignments, ashore and afloat, worldwide.

From fire fighter to fire commander, David has attended over 3,000 substantial fires. To date he has investigated over 2,200 fires, including all building types and classes, yachts, ships, industrial plants and vehicles.

He has court experience as an Expert witness in the UK and abroad, including Coroners inquests, Criminal and Civil courts. He was a Fire Investigation trainer for the National Fire Service College, UK from 2007 to 2009 and, on behalf of the college, trained the Kuwait Fire Service fire investigation team.

Registration will open in mid-August.

Please contact Connie Ng at 63389274 or email: [admin@ifc.org.sg](mailto:admin@ifc.org.sg) for further details.

## UPCOMING EVENTS & ACTIVITIES

### 53<sup>rd</sup> Run of Servicing and Maintenance of Fire Extinguishers

Commencement Date: 2 August 2021

The training course to obtain the certificate of competency covers introduction to fire extinguishers, types of fire extinguishers and their classification and ratings, overview of SS EN 3 – specification for extinguishers, and detailed study of SS 578 – selection, distribution, maintenance, recharging and hydro-testing (theory and practical).

Please contact Connie Ng at 63389274 or email: [admin@ifc.org.sg](mailto:admin@ifc.org.sg) for further details.



Published quarterly by the IFES, we are always looking for members contributions. To provide any articles or feedback, please contact – [admin@ife.org.sg](mailto:admin@ife.org.sg)



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