

## INSTITUTION OF FIRE ENGINEERS, SINGAPORE (IFES) SEMINAR 2025

### Enhancing Fire Safety: Regulatory Updates, Battery Storage Risks, and Alarm System Enhancements on 25 June 2025

#### Seminar Information

This seminar aims to share recent amendments to the Fire Code and common non-compliances identified by SCDF during fire safety plan audits. Industry practitioners will also be sharing research and best practices in fire prevention, for installed Lithium-Ion Battery Energy Storage Systems, as well as updates to the addressable fire alarm systems, which will be beneficial for FSMs' continuing education to help upkeep fire safety systems in buildings.

The seminar is part of a series designed to help participants develop robust fire safety strategies to enhance building resilience and promote proactive risk management in line with regulatory standards.

#### 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, Lawyers and Maintenance Personnel, etc.

#### Seminar Program

Time	Topic
12.00 – 1.30pm	Registration of participants
1.30 – 1.40pm	Welcome address by IFES President, Mr. Ramanathan
1.40 – 1.50pm	Keynote address by Guest of Honour, DC Daniel Seet Deputy Commissioner (Future Technology and Public Safety), SCDF
1.50 – 2.20pm	Topic 1 – What FSM needs to know about addressable fire alarm system.

Time	Topic
	<b>Speaker</b> – Mr. David Goh, Convener of Working Group for SS 645: 2019
2.20 - 2.40 pm	<b>Topic 2</b> – Fire Code Amendments - Part -1 <b>Speaker</b> – CPT Muhammad Amin Bin Isa (SCDF)
2.40 – 3.00 pm	<b>Topic 3</b> – Fire Code Amendments - Part - 2 <b>Speaker</b> – CPT Foo Ce Yi (SCDF)
3.00 – 3.20pm	Break
3.20 – 3.50pm	<b>Topic 4</b> – Lithium-Ion Battery Storage Energy Systems <b>Speaker</b> – Mr. Chan Kai Foo Senior Learning Specialist for FM Academy
3.50 – 4.20pm	<b>Topic 5</b> – Common Audit Findings <b>Speaker</b> – CPT Koh Woon Siang (SCDF)
4.20 – 5.10pm	<b>Topic 6</b> – Fire Safety Considerations for (BESS) Battery Energy Storage System. Interpretation and latest updates of UL9540A - Its use in mitigating battery fire risk. <b>Speaker</b> – Er. Ho Victor, IFES Council Member
5.10 – 6.00pm	Questions & Answers
6.00pm	End

#### Date and Time

25 June 2025, 12.00pm to 6.00pm

#### Venue

e2i – Hall 2/3/4  
Devan Nair Institute  
80 Jurong East St 21, Level 1, Singapore 609607

#### \*Seminar Fee (no GST)

- \$150 per pax for IFES members
- \$200 per pax for - A-CERTS, FSMAS, SIA, FPAS
- \$250 per pax for Public

## Continuing Professional Development

- a. Qualified CPD points by SCDF to FSM – TBA
- b. Qualified CPD points by BOA- SIA – 3
- c. Qualified PDU points by PEB – TBA
- d. Qualified CPE hrs. by SCDF to FSE – 1.5



## Speaker's Profile



**Mr. David Goh** is a council member of The Institution of Fire Engineers, Singapore. He is the Managing Director of Vanguard Fire Systems Pte Ltd – A local leading Fire Safety Enterprise. He has more than 40 years of experience and technical knowledge in the Fire Alarm Systems and Emergency Voice Communication Systems. Leading technical and marketing teams which were responsible for fire alarm and EVC control panel manufacturing, systems design / equipment supplies and meeting statutory technical requirements etc., He has served on various fire associations and code committees and is currently the Convenor of Working Group SS645: 2019 and SS546:2022.



**CPT Muhammad Amin Bin Isa** graduated with BEng (Hons) Civil Eng from NUS in 2019. CPT Amin Isa has been serving in the Plans & Policy branch of the Fire Safety Department since 2023. His role involves plans processing and fire safety policy matters.

**CPT Foo Ce Yi** is the staff officer for New Development & Products in Fire Safety Department, SCDF. In his appointment, he reviews the use of products and materials affecting building fire safety and conceptualizes the administrative and technical requirements for their regulation. Together with a team of industry professionals, he was involved in the amendment of the fire safety requirements for roof-mounted PV installations on a building.



**Mr. Chan Kai Foo** is a Senior Learning Specialist in FM Academy, Asia for 34 years, providing loss prevention training and education for internal and external stakeholders.

Prior to this current role, Kai Foo is the authoritative source in determining the Maximum Foreseeable Loss at all key locations.

As a loss prevention consultant Kai Foo has helped many multi-national companies in the Asia Pacific region to identify and protect their facilities from physical hazards like fire, equipment failure and natural hazards. These industries include, but not limited to; electronic manufacturing, metal working, warehousing, datacentres, paper making, tobacco manufacturing, personal care product manufacturing, food manufacturing, wood working,

plastic working, pharmaceuticals, theme parks, aircraft hangers and airport terminals.

Kai Foo is a member of the Working Group for the Singapore Sprinkler Code (CP 52 - Code of Practice

for Automatic Sprinkler System). He is responsible for the high hazard class systems section of CP 52.



**CPT Koh Woon Siang** obtained his BEng (Hons) Civil Eng from NUS in 2020. He has been a consultant with the Fire Safety Department Design Branch since 2023. His role involves processing waivers, auditing plans, and conducting site inspections.



**Er Ho Victor** is a council member of Institution of Fire Engineers, Singapore. He is also a Director of HiLT Pte Ltd, a fire engineering consultancy practice. He has been actively involved in the fire safety consultancy for the past 30 years. He practices as a Professional Engineer/Registered inspector in Singapore. He is also a Registered Fire Safety Engineer. He lectures at Ngee Ann Polytechnic and Temasek Polytechnic on fire engineering. He has served on various code committees and is currently serving on the Singapore Master Fire Code Review Committee and the adoption of UL9540A into Singapore's code of practice. On the international front, his involvement with Underwriters Laboratories (UL) is as a technical committee member of UL 2849, UL3202 and a stakeholder in UL9540.

### Moderator's Profile



**Ar Chan Kok Way** is the Founder and Director of SD Architects & Associates Pte Ltd. Practicing for more than 40 years as an Architect and more than 28 years as a Registered Inspectors. He is a council member of Institution of Fire Engineers, Singapore 2024-2026 and a member of FSE Inquiry and Appeal Advisory Board with SCDF. He is currently the President of Board of Architects.

## REGISTRATION INFORMATION

### Closing Date

Registration closes on **6<sup>th</sup> June 2025**

## HOW TO REGISTER

### Online Registration

Scan QR Code or click on the link to **register and pay** below



Click on Registration Link below:

<https://allevents.in/singapore/ifes-seminar-2025/80001764894420?ref=smdl>

### Registration Notes:

1. We accept registration via ALLEVENTS platform and Credit Card payment via **Paypal**. **Scan the QR code or link above to register and to make payment or filling up the registration form.**
2. Email confirmation will be issued by ALLEVENTS and Receipt issued by PayPal will be official **upon full payment** via **PAYPAL**. IFES does not issue Receipts or Invoice.
3. Please ensure you have completed the **correct details on the registration page** on ALLEVENTS before checking out for payment via **PAYPAL**.
4. IFES may reject your registration (without any refund) if you fail to furnish the correct registration details.
5. Failure to provide correct particulars during registration may also result in participants not being able to be awarded with the continuing professional development points/hours (e.g. CPD/PDU/CPE/etc.)

**\*Attendees Notes:**

1. Attendees are expected to sign in upon arrival and sign out when the seminar ends.

**Disclaimer & Refund Policy**

1. IFES reserves the right to postpone or cancel the course due to unforeseen circumstances.
2. No refund of seminar fees for cancellation. Replacements are allowed **before** the closing of the registration deadline stated in this Brochure. No replacements **after** the closing of the registration date.
3. IFES may disclose personal information about individuals, for any of the purposes and in accordance with the PDPA, to any of our agents and service providers.

**CONTACT INFORMATION**

Any enquiries are to be sent to our official email below:

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