

**INSTITUTION OF FIRE ENGINEERS,
SINGAPORE (IFES) COURSE 2026**

Fire Safety and Digital Solutions Workshop

Workshop Information

This 2-day workshop will explore advanced fire evacuation and protection modelling techniques, BIM integration, AI-based engineering tool development, and the latest innovations in 3D scanning and VR/AR applications for fire safety design.

Target Audience

Fire Safety Engineers, Professional Engineers, Registered Architects, Fire Investigators, Fire Safety Managers, Safety Officers, Suppliers of Fire Products, Building Owners, Developers, Building Contractors, Facility Management and Maintenance Personnel, Authority Having Jurisdiction, etc.

Program

Day 1

| Time | Topic |
|--------------|---|
| 8.30 – 09:00 | Introduction |
| 9.00-10.45 | Fire - Evacuation Modelling Solutions |
| 10.45-11.00 | Coffee break |
| 11.00-13.00 | BIM for Fire Protection |
| 13.00-14.00 | Lunch |
| 14.00-15.00 | BIM to Pathfinder/Pyrosin |
| 15.00-16.00 | BIM to FDS - Open Solutions |
| 16.00-16.15 | Coffee break |
| 16.15-17.45 | Open Solutions for Evacuation and Fire Simulations (BFDS, JuPedSim, Bonsai) |
| 17.45-18.00 | Q&A Session & Conclusions |

Day 2

| Time | Topic |
|--------------|---------------------------------------|
| 8.30 – 09:30 | AI solutions for Engineering |
| 9.30-11.15 | AI tools customization |
| 11.15-11.30 | Coffee break |
| 11.30-13.00 | Hands-on AI customizations- Part 1 |
| 13.00-14.00 | Lunch |
| 14.00-15.30 | Hands-on AI customizations- Part 2 |
| 15.30-16.45 | AI for Fire and Evacuation Modelling |
| 16.45-17.15 | Coffee break |
| 17.15-17.45 | Advancements in 3D scanning and VR/AR |
| 17.45-18.00 | Q&A Session & Conclusions |

Date and Time

2 to 3 February 2026 (Monday & Tuesday)
8.30am to 6pm

Venue

NUSS Guild House at Suntec
3 Temasek Boulevard (Tower 5)
#02- 401/402 Suntec City Mall
Singapore 038983

Fee

- a. \$1,200 for members of IFES
- b. \$1,500 for non-members
(Inclusive of convenience fee & Paypal charges)
(coffee breaks & lunch are provided)

Continuing Professional Development

- a. Qualified CPE hrs by SCDF to FSE - 13
- b. Qualified CPD points by SCDF to FSM - 2
- c. Qualified CPD points by BOA- SIA – 4
- d. Qualified PDU points by PEB – 15

Speaker's Profile



Dr. Ruggiero Lovreglio is a Professor in Digital Built Environment School of Build Environment Massey University, New Zealand. He represents New Zealand on the ISO Working Group on Fire Safety Engineering (ISO/TC92/SC4/WG11). His works has received several recognitions, including 2022 SFPE '5 Under 35' Award, 2020 Massey Research Medal, 2020 College of Science Research Award.

REGISTRATION INFORMATION

Closing Date

Registration closes on **12 Jan 2026** or seats fully sold out whichever is earlier.

Online Registration

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



Click on Registration Link below:

<https://allevents.in/singapore/fire-safety-and-digital-solutions-workshop-tickets/80001852509397>

Registration Notes:

1. We accept registration via the above registration link ONLY
2. Please ensure you have completed the correct details on the registration page above and proceed to pay via the modes of payment stated here.
3. **IFES does not issue invoice however we will issue e-receipts upon receipt of payment. Please refer to the payment modes for payment.**

Disclaimer & Refund Policy

1. IFES reserves the right to postpone or cancel the course due to unforeseen circumstances.
2. No refund of course fees for cancellation. Replacements are allowed **before** the closing of the registration date line 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:

Ms Karine Lim
9669 3176 (HP) or 63389274 (Mon to Fri 9am to 5pm)
Email: admin2@ife.org.sg

Ms Dian Afifah Hayatu'llah
8128 0771 (HP) or 63389274 (Mon to Fri 9am to 5pm)
Email: admin@ife.org.sg

PAYMENT MODES

Method 1 (PAY BY PAYNOW CORPORATE TO UEN)

| | | |
|-------------------|---|--|
| UEN no | : | S75SS0037D |
| Entity Name | : | Institution of Fire Engineers, Singapore |
| Transfer Details | : | Please indicate clearly your Name, Membership no (if any) and payment purpose. |
| Confirmation slip | : | Please print screen/ screen shot confirmation slip and send to admin@ife.org.sg/admin2@ife.org.sg For us to provide e- Receipt to you, transfer details and confirmation slip must be completed as per above instructions. |

Method 2 (PAY BY BANK TRANSFER)

| | | |
|------------------------|---|--|
| Account Name | : | Institution of Fire Engineers, Singapore |
| Name of bank | : | United Overseas Bank |
| Account Number | : | 314-304-819-3 |
| Bank Code | : | 7375 |
| Branch Code | : | 007 |
| Swift Code | : | Uovbsgsg |
| Comments for Recipient | : | Please indicate clearly your Name, Membership no (if any) and payment purpose. |
| Confirmation slip | : | Please print screen/ screen shot confirmation slip and send to admin@ife.org.sg/admin2@ife.org.sg For us to provide e- Receipt to you, comments and confirmation slip must be completed as per above instructions. |