

Talk On
“Grenfell Tower Fire Disaster – Lessons Learnt”

Organised by the Mechanical Engineering Technical Division, IEM
 BEM Approved CPD/PDP Hours: 2 Ref No: IEM17/HQ/280/T

Date : **15 August 2017 (Tuesday)**
 Time : **5.30 pm – 7.30 pm** (*Refreshments will be served at 5.00pm*)
 Venue : **C&S and TUS Lecture Room, 2nd, Wisma IEM, Petaling Jaya, Selangor**
 Speaker : **Mr Tay Hao-Giang FIFireE**

SYNOPSIS

Fire safety is a crucial part of building industry. Fire destroys properties and investments worth millions of dollars each year – a loss to the industry and nation which affects productivity and overall GNP. They will also be unnecessary loss of lives, which is immeasurable when compared to loss of properties. Of all types of building occupancies e.g office buildings, hotels, factories, residential apartments, condominiums and shopping complexes, building category with sleeping facilities are the most vulnerable as far as life safety is concerned. Many fire incidents occur during night time when the human senses are at its lowest. This is also because the presence of fire hazards and fire risks arising from facilities within residential buildings. Mass evacuation for high rise residential buildings during fires is more challenging due to the wide range of age group especially with children, elderly, sick people and disables. This talk will be looking at lessons learnt from Grenfell Tower in London – the most recent fire disaster. It will also outline the material science, choice of building materials, and impact of combustible building materials on the human beings as well as tenable condition during mass evacuation.

BIODATA OF SPEAKER



Tay Hao-Giang is qualified and experienced Fire engineer. He is graduated of Heriot-Watt University and a graduate of University of Edinburgh, Scotland with a Master of Science Degree in Fire Safety Engineering. As the principal fire consultant of Fire Safety Engineering Sdn Bhd, he has over 30 years of experience in fire safety engineering and management. His company provides advice, consultancy service and training to corporate clients with a holistic approach to sustainable fire safety management for business continuity. His specialties lies in modern practical fire safety concepts and strategy in terms of fire risks assessment and management, fire protection, life safety and mass evacuation design, mitigation of fire hazards and fire risks, emergency response planning and management. Tay Hao-Giang is the Past International President and a Trustee and Board of Directors of The Institution of Fire Engineers. He is the current President on The Institution of Fire Engineers Malaysia Branch, a very active member of LinkedIn Professional network sharing the safety engineering knowledge and experience for those within the LinkedIn network in the world. Actively involved in Malaysia Standards development for more than two decades, he is a Chairman of technical committee which has developed series of performance-based Malaysia Standards for the fire safety and prevention industry.

Ir. Dr. Kannan M. Munisamy
 Chairman 2016/2017,
 Mechanical Engineering Technical Division, IEM

ANNOUNCEMENTS TO NOTE:

- **Non members** may also attend the talk but will need to pay a registration fee of **RM50** and an administrative fee of **RM15**. GST is inclusive.
- Limited seats are available on a "first come first served" basis (maximum 100 participants). **To secure your seat, kindly register online at www.myiem.org.my.**

ADMINISTRATIVE FEE

- Kindly be informed that an administrative fee of **RM15** is payable for talks organized by IEM. GST is inclusive.
- Student Members are however exempted.

PERSONAL DATA PROTECTION ACT

I have read and understood the IEM's Personal Data Protection Notice published on IEM's website at <http://www.myiem.org.my> and I agree to IEM's use and processing of my personal data as set out in the said notice.

CPD HOURS CONFIRMATION

Name:

Membership No:

Signature: