



# The Institution of Engineers, Malaysia

Bangunan Ingenieur, Lots 60/62, Jalan 52/4, Peti Surat 223,  
46720 Petaling Jaya, Selangor Darul Ehsan  
Tel: 03-79684001/2 Fax: 03-79577678

E-mail: [sec@iem.org.my](mailto:sec@iem.org.my) IEM Homepage: <http://www.myiem.org.my>

## Technical Talk on “Drones - Engineers' Resources in the New Digital Era

(Organized by Electrical Engineering Technical Division IEM)

Date : 7<sup>th</sup> September 2019 (Saturday)  
Time : 9.00am – 11.00am (Refreshment will be served at 8am)  
Venue : TUS Room, 2<sup>nd</sup> Floor, Wisma IEM, PJ  
Speaker : Ir. Amir Hussein Bin Jaafar & Mr. William Robert Alvisse

### SYNOPSIS

Nowdays, Drones, have become the subject of tremendous media interest, controversy and misunderstanding. But it is touching the lives of more people every day in a positive way.' In this talk, speaker will give an explanation on what is Drone and the Industry Market. On top of that, the audience also can know types and also components of a drone. The Policy, Guidelines, Rules & Regulations – includes Application for Aerial Work Permits also will be explained by the speaker.

### SPEAKER'S BIODATA

Ir. Amir Hussein Bin Jaafar graduated from University of Technology Petronas (UTP) with Bachelor Engineering (Electrical and Electronics) in 2001 and from Universiti Teknologi Malaysia (UTM) with Master of Science (Real Time Software). He is registered as a Professional Engineer (Electronics) status with Board of Engineers Malaysia since 2007. He has more than 16 years of experience in electronics hardware and embedded software development projects, and development and testing of advance powertrain and electronic control system for automotive application. With the industry experience, he has been giving specialized green technology training to TVET trainers and also conducting STEM courses for school students since 2016 He is currently the Head of Design and Development Engineering of Eco Motive Sdn Bhd and Technical Director for Micro Concept Tech Sdn Bhd.

Mr. William Robert Alvisse has a Diploma in International Advertising from International Advertising Association in 1995. He participated in and helped oversee the marketing and advertising campaigns for many types of clientele as well as developed and led event management for the launch of the Petronas Twin Towers with a multi-national crew and entertainment ensemble including multi-media animation, which was witness by the PM and dignitaries. Not just that, Mr. William also led a Professional Aerial Photography business using primarily helicopters as aerial platform. Clients included Aviation (Malaysia Airlines), Plantation, Consultant Engineering, Maritime, Shipping and Housing Developers. Developing downstream products from aerial photography such as calendars, postcards and souvenirs including curating an aerial image bank.

BEM Approved CPD/PDP Hours: 2  
Ref Number: IEM19/HQ/389/T

### FEE ANNOUNCEMENT

(Effective: 1<sup>st</sup> October 2017)

#### Members:

- (i) Registration Fee: No Charge
- (ii) Administrative Fee:
  - (a) Online RM15
  - (b) Walk-In RM20

#### Non-Members:

- (i) Registration Fee: RM50
- (ii) Administrative Fee: RM20

- 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](http://www.myiem.org.my)

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I have read and understood IEM's Personal Data Protection Notice published on IEM's website at [www.myiem.org.my](http://www.myiem.org.my) and I agree to IEM's use and processing of my personal data.

#### CPD Hours Validation:

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Ir. Francis Xavier Jacob  
Chairman,  
Electrical Engineering, Technical Division