TALK ON "SIGFOX IOT WIRELESS NETWORK"

Organised by the Information and Communications Technology Special Interest Group (ICTSIG), IEM

BEM Approved CPD/PDP: 2.0   **Ref. No: IEM19/HQ/295/T**

Date	:	**22 July 2019, Monday**
Time	:	**5.30 pm – 7.30 pm**
Venue	:	**Auditorium Malakoff, Ground Floor** **Wisma IEM, Petaling Jaya, Selangor**
Speaker	:	**Ir. Chai Chen Sing & Mr. Helmi Fazalul**

SYNOPSIS

Data is the new oil. In order to retrieve data that's transmitting continuously from a low power objects and things, a new kind of wireless network is essential. Sigfox reinvented the network technology, specifically in Low Power Wide Area Network (LPWAN) space, and is purpose-built for IoT, enabling seamless end-to-end data collection. The aim is to enable a massive IoT by connecting every single objects and things and harness the data in making the world a great place to live. Sigfox is a French global network operator founded in 2009 that builds wireless networks to connect low-power objects such as electricity meters and smartwatches, which need to be continuously on and emitting small amounts of data.

In this talk, the audience will be introduced to Sigfox technology, its operation in Malaysia and case study of the usage of Sigfox.

SPEAKER BIODATA

Ir. Chai Chen Sing had 24 years of experience in the engineering industry. His experience range from consulting services and contracting in construction industry, SCADA implementation for processing plant, web application development and machine to machine communication. He is currently the principal consultant for Versoset Engineers Sdn Bhd and also the technical director for Mercatura, a M2M solution provider. He heads the technical development for integrated custom made embedded system as well as web application development utilising cloud solution. Ir. Chai Chen Sing graduated from University of New South Wales, Australia in 1992. He served as committee members of ICT Special Interest Group since 2014 and currently, he is the advisor for the session 2019/2020.

Mr. Helmi Fazalul is a strong believer and enthusiast of Sigfox IoT network that has a value proposition of long range, low power, simplified and low cost network. He carried with a 21 years of product, technical and engineering experience, with recent 11 years spent in Telecommunication (M2M & IoT) and previous 10 years were spent in various industries such as Computer, IT, Medical Electronics, Electronics, Manufacturing and Oil & Gas. Mr. Helmi has a background in Mechatronics Engineering (Mechanical, Robotics & Automation, Electrical & Electronics). He also have an experience in Telecommunications, Computer Engineering, IT, Medical Electronics, Oil & Gas, Mechanical Engineering. He is a graduate from Ungku Omar Polytechnic in 1998 with diploma in Mechatronics Engineering.

Ir. Yasser Asrul Ahmad
Chairman
Information and Communications Technology Special Interest Group (ICTSIG), IEM
Session 2019/2020

ANNOUNCEMENT TO NOTE

FEES
(Effective 1st October 2017)

Members
Registration Fee : NO CHARGE
Administrative Fee :
> **Online:**   RM15
> **Walk In:**   RM20

Non-Members
Registration Fee :   RM50
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**

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