

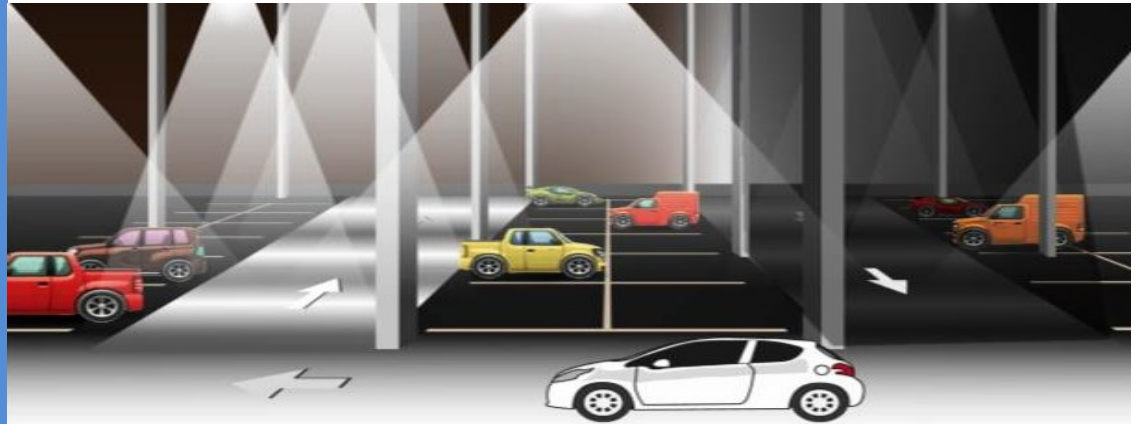
Essentials of Implementing IoT Enabled Smart Lighting System for Commercial and Residential Properties

Speaker



Mr. Chan On Yue

Mr. Chan On Yu, Assistant General Manager of Sensor Business Group, ST Electronics (Satcom & Sensor Systems) Pte Ltd., a Singapore based technology company. He has over 20 years of experience in product development in microwave sensors, detectors, and wireless sensor networks. Smart Lighting system is his focus in recent years. He holds a B.Sc degree in Electrical Engineering and M.Sc degree in Microwave and Radio Frequency Engineering.



SYNOPSIS

With the advancement of LED technology, LED illumination has moved beyond basic functions used to perform by light bulb or fluorescent tube. In addition to high efficacy of LED, the digital friendly solid-state lighting (SSL) represents a huge opportunity to save more energy.

While many professional E&M engineers experienced poor quality LED luminaries in early adoption stages, improved SSL further connected to networked sensors to form smart lighting system. It is more than dimming but creates new values when empowered by Internet of Things (IoT). Implementing IoT enabled smart lighting requires knowledge beyond traditional electrical wiring, certain knowhow in electronics, wireless communications, networking, IT, data and building operations are essential.

This event will briefly introduce smart lighting technologies and share key technical and operation considerations of design and implementation smart lighting system; challenges, future trend and case study. The Technical Talk will allow audience to understand and appreciate:

- Overview of IoT and smart lighting
- Smart strategies & design considerations
- System configuration and key component
- Lifetime, Reliability & Security

Registration Fee:

Member: MOP200

Non Member: MOP250

Presented Date & Time

03 June 2016 (Saturday)

14:30 - 17:30 (3Hrs)

Contact Information:

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This event is to focus on Engineers for upgrading their professional level, Engineers are interesting to attend this seminar; please take the On Line Enrollment related the attached "Procedure and Payment" information.

This seminar will conduct in English unless otherwise specify, 3 CPD hours certificate will be awarded after the seminar and printed name will be the same as provided on your registration.

This seminar was approved by CAEU for recognized activity of continuous professional development and the recognized activity no. : 92/FC/2017;

VENUE

1505, First International Commercial Center Building,
Avenida do Dr. Rodrigo Rodrigues, No. 600E, Macao.



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