Joint Institution Technical Seminar
on
Application of ZigBee IoT on Lighting Control and Future Smart Buildings

Date:7 Dec 2016 (Wednesday)

Time: 6:30pm registration for 6:45 – 8:30pm

Venue: LT401 City University of Hong Kong,, 88 Tat Chee Avenue, Kowloon Tong, HK.

The Location map is : http://www6.cityu.edu.hk/wayfinder/en/Venue/LT-401/

Programme Highlight

Internet of Things (IoT) is the essential element to thrive a smart community. ZigBee is a wireless and open global IoT standard dedicated to smart city development. Added benefits include low-cost, low-power wireless machine-to-machine (M2M) networks. It is forecasted that the global ZigBee-enabled devices market will grow at a CAGR of 29.73%% during the period 2016-2020. This seminar will discuss the market growth, potential, development, deployment, sustainability, and applications of ZigBee (e.g. lightings, smart buildings, smart metering,…). Finally the challenges likely to be encountered and the way forward will be discussed.

Speaker

Ir Dr. K. F. TSANG– Associate Professor, PhD, CEng, FHKIE, SMIEEE

  Dr Kim Fung Tsang obtained his PhD degree in Microwave/ millimeter wave engineering from the Cardiff University of Wales, Cardiff, United Kingdom. KF has close ties with industry, and is working actively on ZigBee for numerous applications, including energy management system for utilities, metering infrastructure, security, and office/home automation. He has published about 200 technical papers.

  KF is an Associate Editor and a Guest Editor of IEEE Transactions on Industrial Informatics, an Associate Editor of IEEE Industrial Electronics Magazine, the Chairman of Technical Committee "Wireless and Cloud Architecture For Industrial Applications" of the IEEE Industrial Electronics Society, Editor of Korean Society for Internet Information (KSII) Transactions on Internet and Information Systems, the ZigBee Chair of the IEEE Consumer Electronics Society (2014-15), the

Organizers:

Chairman of the Internet of Things Special Users Group Hong Kong (IoT SUG HK) as well as the Chairman of the Internet of Things Committee, Smart City Consortium.

Dr Tsang was the recipient of CityU's Applied Research Excellence Award, the first Hong Kong Science & Product Innovation Competition and the World Chinese Invention Exposition. The other accolades won by Dr Tsang include the EDN Asia Innovator Award, Ericsson's Super-Wireless Application Award, and the Best Award from Freescale Semiconductor, the Innovation China Outstanding Entrepreneur Award and the Excellent Product Award from the China Hi-Tech Fair. KF has also been received the Internet of Things Heros Award (granted by GS1 Council) in June 2016. KF is now an Associate Professor in the Department of Electronic Engineering, City University of Hong Kong.

Registration & Enquiry

Please register ONLINE via the website of CIBSE Hong Kong Branch – http://www.cibse.org.hk
The talk is free of charge and application will be accepted on a first-come-first-served basis. The maximum number of participants is 300. The deadline of application is 2 Dec 2016. The successful applicant list will be posted on the institution website www.CIBSE.org.hk. For enquiry, please contact Mr. TC Chan at Tel. 27334147 or 9095 0159.

Language

English

Fee

Free of charge

Remark

2-hour CPD certificate will be provided.