Success of Smart Cities: Harmonization, Standardization and Compatibility (WW2017)

Friday, October 27, 2017, starts at ~8:30am

IEEE Consumer Electronics Society Hong Kong Chapter

Technically Supported: IEEE Industrial Electronics Society (IES): TC Standards; TC Cloud and Wireless

Supporting Organizations: Hong Kong Electronics & Technologies Association (HKETA)
Hong Kong Science and Technology Parks Corporation (HKSTP)
Smart City Consortium (SCC)
HKIE Electronics Division
IET Hong Kong

Venue: M3017, RRS Creative Media Center, City University of Hong Kong (on Cornwall Street, Kowloon Tong)

Background: The practical use of IoT for Smart Cities has represented a challenge and this workshop will explore implementations that translate value for citizen of a Smart City.

Purpose: This workshop will introduce the participants to a number of innovations that are in IEEE standardization (i.e. P1451-99 IoT Harmonization). This will address smart city development including ICT development, transportation, secure networks, with special concerns on cyber security and privacy protection with use case e.g. how to obtain monetary value from renewable energy generation and demand reduction, to achieve monetary value though transactive energy.

Benefits:
The results of the workshop will help develop guidelines, standards, and future research directions, which will help manufacturers, users, and their technology suppliers to design, assess, select, and deploy secure, applications for Smart Cities.

General Chairs: KF Tsang, IEEE CES/IES; Victor Huang, IEEE IES; Robin Bradbeer, IEEE CES
Deputy General Chair: Gerhard Hancke Jr, IEEE IES

Fees: - Complimentary

Organizer/contact for information:
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MC: YH Shum, WC Lee and Arthur Yu

TIME	DESCRIPTION	RESOURCE PERSON
8:15 - 8:40 AM	Registration (small breakfast will be provided)	
8:40 - 8:45 AM	Welcome Remarks	Dr. KF Tsang, City University of Hong Kong Chairman, IEEE Consumer Electronics Society Hong Kong Chapter
8:45 - 8:50 AM	Opening Remarks	Victor Huang, IEEE Industrial Electronics Society
8:50 - 9:20 AM	Talk 1 - Keynote Speech 1 Transactive Energy Monetary Value and Privacy Protection	William J. Miller MaCT, President IEEE P1451-99 Chair
9:20 - 9:30 AM	Souvenir and Group Photo	
9:30 – 9:50 AM	Talk 2: Progress of 5G and NB IoT	Edmond Nip, China Mobile Hong Kong *(Gold Sponsor)*
9:50 – 10:10 AM	Talk 3: Sigfox Rollout	Anthony Lai, Thinxtra *(M Sponsor)*
10:10 - 10:25 AM	AM Coffee Break	
10:25 - 10:45 AM	Talk 4: Building the mobile ecosystem of digital identity	William Tse, GSMA
10:45 – 11:05 AM	Talk 5: IoT: Internet of Threat ?	Garrick Ng, Cisco
11:05 - 11:30 AM	Talk 6: Smart Sensors	Kobe Tong, Murata
11:30 – 12:30 PM	Lunch (simple lunch will be provided)	
12:30 -12:35 PM	Group Photos	
12:35 - 1:05 PM	Talk 7: Keynote Speech 2 Smart Sensor Standards for IOT	Kang Lee, IEEE IMS TC-9 Chair, and Victor Huang, IEEE IES
1:05 - 1:25 PM	Talk 8: Blocked Payment in Hong Kong	Joey Lam, Camclaim Ltd
1:25 – 1:45 PM	Talk 9: Best Practices for Cyber Security	Ronald Pong, Nexus Guard
1:45 – 2:00 PM	PM Coffee/Networking	
2:00 – 2:20 PM	Talk 10: Intelligent Transportation	Charles So, AECOM
2:20 – 2:40 PM	Talk 11: SNMP based Next Generation Networking Enabled IEEE P21451 IoT	Dr. Kuan Wang, Shanghai Jiao Tong University, China
2:40 – 3:20 PM	Panel Discussion	Moderator: KF Tsang/Gerhard Hancke Jr Panelists: Invited speakers
3:20 – 3:25 PM	Closing Remarks	Prof Gerhard P Hancke Sr, FIEEE, IEEE Industrial Electronics Society

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