

Internet of Things (IOT) Symposium 2014

IoT Applications and Big Data - Enabling Hong Kong as a Connected and Smart City

Date	16-17 April 2014	Time	09:30 – 17:30
Medium	Main Conference: English (with simultaneous interpretation between English and Putonghua)	Fee	Free of charge (inclusive of light lunch on 16 April)
	Technology sessions: English		
Venue	Charles K. Kao Auditorium, Hong Kong Science Park, Shatin, New Territories		

Introduction

Hong Kong Science and Technology Parks Corporation (HKSTPC), the Hong Kong Applied Science & Technology Research Institute (ASTRI), GS1 Hong Kong (GS1HK) and the Hong Kong R&D Centre for Logistics and Supply Chain Management Enabling Technologies (LSCM R&D Centre) are co-organising the **Internet of Things (IoT) Symposium**.

As one of the IT Fest events, the Symposium aims at promoting the development and application of Internet of Things in Hong Kong, overseas and mainland China, linking user experience with business application, and fostering collaboration between technology partners and commercial sectors.

The two-day programme will feature speakers from industry experts, commercial and research institutes for a series of keynote presentations in the morning of Day 1, and 6 parallel tracks on Day 1 and Day 2, to cover related technology, industry solutions and applications with special focuses on Connected Health, Energy Management, Retail and Logistics, Data Analytics and Location Base technology. Below is the tentative programme* for the event:

16 April 2014 A.M. – Main Conference (09:30 to 13:00):

Topics and Guests/ Presenters
Keynote Presentations
IoT in China: Market / Smart Cities Senior Representative from Ministry of Housing and Urban-Rural Development of the People's Republic of China (MOHURD)
Experience Sharing of IoT Deployment in Europe Mr Frank Greco, Head of Section for Information Society and Media, Delegation of the European Union to China
Data Analytics and Decision Automation Dr Jin Dong, Ph.D., Distinguished Engineer and Member of IBM Industry Academy; Associate Director, IBM Research – China
Acceleration of Energy Efficiency with IoT Mr Gene Wong, Sales & Marketing Director (China), Bosch Software Innovations

CLP Power: Real World IoT Lessons from Its Smart Metering Pilot Mr Wayne Pales, Head of Smart Grid Program, CLP Power Hong Kong
Data Security and Cryptology for IoT Mr Dirk Kretzschmar, Vice President, Head of Sales and R&D Crypto Systems, Rohde & Schwarz
Internet of Things Meets Big Data: What Does It Mean for the Future of Cities? Mr Matt Valentine, Enterprise Solution Director, Microsoft Hong Kong

16 April 2014 P.M. Technology Session with 3 parallel tracks (14:00 to 17:30):

Track 1 Connected Health: Development and Opportunity in Hong Kong and the Region (Chaired by IBM)	Track 2 Energy Management and Home Automation (Chaired by ASTRI)	Track 3 Retail & Logistics Technologies, Enterprise Mobility, RFID tags (Chaired by GS1 HK)
Connected Health: Development and Opportunity in Hong Kong and the Region Mr Michael Ma, Head of Information Technology, Hospital Authority	ASTRI's Internet of Things (IoT) Solution - Smart City Management and Applications Dr Billy Chan, Senior Manager, Communications Technologies, ASTRI	Internet of Things – the Key to Omni Channel Retailing Mr Jonson Yue, Director, Information Solutions Market Development Asia Pacific, Avery Dennison
Enabling Technologies for Baby Tracking in Hospital Environment Dr Frank Tong, Director, Research & Technology Development, LSCM R&D Centre	The Real Challenge of Machine to Machine (M2M) Communications Dr Eric Tsang, Director, Communications Technologies, ASTRI	The Next Generation of Pearl Nucleus Identification in the Connected World Mr David Wong, Project Director, Fukui Shell Nucleus Factory
Remote Monitoring: Leverage the Internet of Things for Healthcare Industry Prof. Qian Zhang, Ph.D., Professor, Department of Computer Science and Engineering, The Hong Kong University of Science and Technology	Homeplug Green PHY for Smart Energy and Home Automation Mr Alan Cheung, R&D Director, IC Design, ASTRI	Storing Valuable Data in a Connected World Mr Scott Tam, Senior Manager, Channel and Business Development, NetApp
Connected Health for Smarter Care Dr Jia Chen, Ph.D., Director, Health Solutions, Smarter Cities, IBM Academy Leadership Team, IBM	Wireless Sensor Network IC Enabled Applications Mr Andy Wu, Manager, IC Design, ASTRI	Internet of Things Maturity Model - Revitalizing the IoT Ecosystem Mr K.K. Suen, Chief Architect and Principal Consultant, GS1 Hong Kong

An Architecture of Providing Medical Service in Hospital Based on IoT Mr Dennis Yu, Director, Ewell Hong Kong Limited		Advancing In-Store Security Management with IoT Representative from Tyco ADT
Panel Discussion Moderator: Ms Grace Ho, Partner, Smarter Cities, Greater China Group, Global Business Services, IBM		Document-driven Business Process Automation Mr Peter Tong, Enterprise Sales Manager - Greater China, Tope Image Systems (TIS)
		Drive Better Sourcing by Connecting Buyers and Suppliers in a Cloud Platform Mr Mickey Fan, General Manager, Trinity Bidding
		Making a Safe Elderly Home with IoT Mr Edwin Chan, COO, RFID System & Supplies Limited
		Hong Kong Internet of Things Award 2014 – Creating a Smart City Award Program Briefing Ms Christa Suc, Program Manager, GS1 Hong Kong

17 April 2014 A.M. - Technology Session with 3 parallel tracks (09:30 to 12:30):

Track 1 RF and Sensor Devices (chaired by LSCM R&D Centre)	Track 2 Data Analytics and Location Base (Chaired by Microsoft)	Track 3 IoT in Europe : Traffic, Security and Applications (Chaired by Rohde & Schwarz)
Advance Arrival Info Infrastructure for Improvement of Cargo Handling Logistics at the HKIA Dr Frank Tong, Director, Research & Technology Development, LSCM R&D Centre	Technology update of Cloud Operating System Mr Victor Chiu, Business Group Lead, Server and Tools, Microsoft Hong Kong Limited	Cyber Defense with effective Crypto Solutions Mr Dirk Kretzschmar, Vice President, Head of Sales and R&D Crypto Systems, Rohde & Schwarz
Lightweight UHF RFID Gen2 Reader Chip Dr Terry Ye, Director, Research & Technology	Big Data Analytics and Machine Learning Ms Flora Yu, Data Insights Product Marketing Manager,	Deep Packet Inspection (DPI) Enhances Data Analytics to Layer 7 Mr Ying Chao Jiang

Development, LSCM R&D Centre	Microsoft Hong Kong Limited	Business Development Manager (APAC), Rohde & Schwarz
Location-Based Technologies for Asset Tracking and Risk Management Dr Eric Luo, Senior Research Fellow, The Hong Kong Polytechnic University	How Location Based Services Transform the Retailers Behavior Nowadays Ms Nancy Tan, ERP Solution Architect, Microsoft Asia.	M2M Hype meets Reality - When Machines Start Talking Mr Joerg Koepp, Market Segment Leader, M2M/NFC, Rohde & Schwarz
Indoor GPS: Opportunities and Technologies Prof. Gary Chan, Professor, Department of Computer Science and Engineering, The Hong Kong University of Science and Technology	The Trend of Location-Based Services Enabled by Different Technology Mr Dennis Kwan, Engineering Director, QBS System Limited	Certified Cryptography to Safeguard Highly Secure Data Centre Connection for File and Content Mr Frank Wong, Managing Director, Rohde & Schwarz
E-Lock-Based Enabling Technology for Container Cargo Transshipment Process Mr Stephen Wai, Business Development Manager, LSCM R&D Centre		
Product Authentication at Retail Points – Infrastructure and Systems Mr Angus Chiu, Technology Transfer & Business Development Manager, LSCM R&D Centre		

Registration

Seats are limited and are available on a first-come-first-served basis. Interested parties please register at [http://www.hkstp.org/en-US/Form/Internet-of-Things-\(IoT\)-Symposium-2014.aspx#.Uw6hc_mSx8F](http://www.hkstp.org/en-US/Form/Internet-of-Things-(IoT)-Symposium-2014.aspx#.Uw6hc_mSx8F)

For any enquires, please contact Ms Jenny Ng at 2629 6829 or Mr Tony Cheng at 2629 6860.

** The above is only the tentative agenda and suggested titles of the programme, organiser reserves the right to adjust the programme without prior notice.*