

CS Seminar

Analytics Applications for Smart Nation

Prof, LAM, Kwok Yan
School of Computer Science and Engineering
College of Engineering
Nanyang Technological University
Singapore

Date:
October 16, 2017
Monday
10:30 am

Venue:
Room 308
Chow Yei Ching Building
The University of Hong Kong

Abstract:

SPIRIT is a smart nation research centre funded by the Singapore Government and hosted by NTU to perform translational R&D on smart nation technologies. Various analytics and wireless technologies are being investigated as part of the efforts of SPIRIT. Smart nation systems collect massive sensor data from heterogeneous network interfaces into a cloud platform where big data analytics are performed to enable improved planning and operations through automated intelligent decision-making. Due to the diverse nature of smart nation applications, various kinds of analytics will be needed to meet the challenges of smart nation systems. In this talk, we introduce some of the on-going smart nation systems we are working on, and the underlying research issues will be discussed.

About the Speaker:

Professor Lam is a Professor of Computer Science at the Nanyang Technological University (NTU), Singapore. He is currently the Director of NTU's SPIRIT Smart Nation Research Centre, and the Program Chair (Secure Community) of the Interdisciplinary Graduate School of NTU. Professor Lam has been a Professor of the Tsinghua University, PR China (2002-2010) and a faculty member of the National University of Singapore and the University of London since 1990. He was a visiting scientist at the Isaac Newton Institute of the Cambridge University and a visiting professor at the European Institute for Systems Security. In 1997, he founded PrivyLink International Ltd, a spin-off company of the National University of Singapore, specializing in e-security technologies for homeland security and financial systems. In 2012, he co-founded Soda Pte Ltd which won the Most Innovative Start Up Award at the RSA 2015 Conference. In 1998, he received the Singapore Foundation Award from the Japanese Chamber of Commerce and Industry in recognition of his R&D achievement in Information Security in Singapore. Prof Lam received his B.Sc. (First Class Honours) from the University of London in 1987 and his Ph.D. from the University of Cambridge in 1990. His research interests include Distributed Systems, IoT Security Infrastructure, Distributed Authentication, Biometric Cryptography, Homeland Security and Cybersecurity.

All are welcome!
For enquiries, please call 2859 2180 or email
enquiry@cs.hku.hk
Department of Computer Science
The University of Hong Kong

