THE CHINESE UNIVERSITY OF HONG KONG
Department of Information Engineering
Seminar

Security Implications of Edge Intelligence in Power Grid as Cyber-Physical System

By

Prof. David YAU
**Professor, Information Systems Technology and Design,
Singapore University of Technology and Design**

Date : **4th Oct 2019 (Fri)**
Time : **11:00am – 12:00nn**
Venue : **Room 833, Ho Sin Hang Engineering Building
The Chinese University of Hong Kong**

Abstract
What happens when we deploy ICT increasingly in power systems and exploit their characteristics jointly in a cyber-physical manner? In this talk, I will overview some of the security implications, in the form of both challenge and opportunity, as ICT intelligence, particularly at the edge, meets the physical laws of power flows that pervade the system.

Biography
David Yau obtained the B.Sc. from the Chinese University of Hong Kong (CUHK), and M.S. and Ph.D. from the University of Texas at Austin, all in computer science. He is now Professor in the Information Systems Technology and Design pillar of the Singapore University of Technology and Design. Since 2010, he has been Distinguished Scientist at the Advanced Digital Sciences Center, Singapore, where he is Cybersecurity Program Director. Previously, he was Assistant Professor then Associate Professor of Computer Science at Purdue University (West Lafayette). His research interests are in networked computer systems, including the security and privacy of cyber-physical systems. He has served in the technical and organizing committees of several international conferences in computer networks. He is currently an Associate Editor for ACM Trans. Sensor Networks and IEEE Trans. Network Science and Engineering. He was previously on the editorial boards of IEEE/ACM Trans. Networking and IEEE Trans. Smart Grid, Special Section on Smart Grid Cyber-Physical Security. He serves in the Management Committee of the Singapore Cybersecurity Consortium (SCC) and chairs the SCC's SIG in IoT and CPS security.

** ALL ARE WELCOME **

Host: Prof. XING Guoliang (Tel: 3943-8474, Email: glxing@ie.cuhk.edu.hk)
Enquiries: Information Engineering Dept., CUHK (Tel.: 3943-8385)