Title: Making Sense out of IoT Non-Sense

Abstract:
The Internet has transformed from its original form that connects computers utilized by humans to one that connects objects, sensors, and any foreseeable device in everyday life, giving rise to the "Internet of Things". Coined by Kevin Ashton in 1999, the term "Internet of Things" (IoT) refers to this new Internet where devices generate data and communicate, interacting often without any human intervention. Industry and academia alike have exploited IoT in marketing and securing grants respectively, purporting numerous new futuristic IoT products and research as far-fetched as IoT storytelling!!! This talk aims to put some context into the different definitions of IoT, the research challenges, and hopefully make some sense out of IoT "non-sense".

Bio:
Winston K.G. Seah received the Dr.Eng. degree from Kyoto University, Kyoto, Japan, in 1997. He is currently Professor of Network Engineering in the School of Engineering and Computer Science, Victoria University of Wellington, New Zealand. Prior to this, he has worked for more than 16 years in mission-oriented industrial research, taking ideas from theory to prototypes, most recently, as a Senior Scientist (Networking Protocols) in the Institute for Infocomm Research (I^2R), Singapore. He is actively involved in research in the areas of mobile ad hoc and sensor networks, and co-developed one of the first Quality of Service (QoS) models for mobile ad hoc networks. His latest research is focused on networking protocols to address the needs of 5G networks, the Internet of Things and other machine-type communications (MTC) technologies, encompassing both long-range communications (LTE-A, Narrowband IoT) as well as, short range technologies (IEEE802.15.4, 6LoWPAN, RPL, etc.) He is a Senior Member of the IEEE and Professional Member of the ACM. His detailed CV is available at http://www.ecs.vuw.ac.nz/~winston/.