

IEEE ComSoc

Distinguished Lecture Talk

by **Dr. Rath Vannithamby**

Intel Corporation, USA

IEEE Senior Member, IEEE COMSOC Distinguished Lecturer

Title : M2M Communications for Internet of Things
Date : 20th November 2014 (Thursday)
Time: 2.30PM – 4.30PM
Venue: Auditorium, MIMOS Berhad, Technology Park
Malaysia, 57000, Kuala Lumpur.

FREE ADMISSION (RSVP at <http://goo.gl/forms/SS5TuYV9yE>)

Abstract:

In this presentation, I will discuss the role of Machine-to-machine (M2M) communications and Internet-of-Things (IoT) technologies to enable applications that involve in interacting with a massive number of devices and as well as various devices supporting mission critical tasks. These applications impose a large range of requirements in M2M communications architecture and protocols. I will cover a) suitable architectures, b) enabling technologies, c) protocols, and d) various standards activities that can drive M2M/IoT to the next level to enable massive number of connected devices and support mission communications in the future.

Biography:



Rath Vannithamby received his BS, MS, and PhD degrees in EE from the University of Toronto. He leads a team responsible for 5G research in Intel Labs. Previously, he was a researcher at Ericsson. He is a Senior Member of IEEE. He is an IEEE Communications Society Distinguished Lecturer for 2014-2015. He has published over 50 scientific articles and has over 120 patents granted/pending. He is a co-editor of a couple of books "Towards 5G: Applications, Requirements and Candidate Technologies" and "Design and Deployment of Small Cell Networks" to be published in 2014. He has also authored chapters of 3 books. He is currently an editor for the Journal of IEEE Communications Surveys and Tutorials, and also for a new IEEE Journal on Internet of Things. He is a co-chair for two ICC 2014 workshops: "5G Technologies" and "M2M Communications for Next Gen IoT". He is a co-chair for GC 2015 Industry Forum. He was a Guest Editor for EURASIP JWCN SI on RRM for 3G+ Systems. He was a TPC track-chair for PIMRC'11. He has given keynotes including Globecom'10 BWA workshop. He has also served on TPC for IEEE ICC, GC, VTC, WCNC, and PIMRC. His research interests are in the area of 4G/5G broadband mobile networks, energy efficiency, QoS for mobile internet applications, cross-layer techniques, M2M and IoT.

Co-organized by: IEEE Malaysia ComSoc & VTS Joint Chapter & MIMOS