

IEEE Consumer Communications & Networking Conference (CCNC) Held in conjunction with the International Consumer Electronics Show, Las Vegas, January 9-12, 2015

Call for Papers for *Mobile and Internet of Things (IoT) Devices and Platforms Track*

Scope and Motivation:

This Track will feature the latest theoretical and applied work at the intersection of the Internet of Things (IoT), mobility, mobile devices and platforms. Researchers and practitioners with novel and exciting results in any of these areas (separately or combined) are encouraged to submit and present papers in Las Vegas at what promises to be an intellectually stimulating environment.

Main Topics of Interest:

The *Mobile and Internet of Things (IoT) Devices and Platforms* Track seeks original contributions in the following topical areas, plus others that are not explicitly listed but are closely related:

- Mobile platforms, applications and frameworks
- Mobile cloud computing; designs and architectures
- Mobile test bed design, implementation, results
- Mobile OS and middleware
- Mobile user experience, interaction, and usability
- Mobile machine-to-machine (M2M)
- Mobile context-awareness and sensing
- Wearable computing, technologies, challenges
- Marketing and mobile ad technologies and algorithms
- IoT system design, simulation and optimization
- IoT architectures and building blocks
- Identity management, naming and discovery
- Energy aware IoT systems and energy efficiency
- IoT services, applications, standards, and test-beds
- Case studies: lessons from real world deployments
- Security, privacy and trustworthiness
- Threat models and attack strategies
- Novel uses, frameworks and applications
- IoT system interoperability and scalability
- Proactive and adaptive IoT systems

Track Chairs:

- Dr. Ben Falchuk, Applied Communication Sciences (USA)
- Dr. Gregor Schiele, Insight, NUIG (Ireland)