

# Wireless Technology Association

## WebEx (Web-based) Workshop

### Internet of Things – Wireless Network Survey

Wednesday, July 27, 2016, 9:30 to 11:00 a.m. Pacific

#### Agenda

This workshop will assess the capabilities and availability of different wireless technologies being designed to support the Internet of Things. Presentations will include items such as: licensed versus unlicensed, pros/cons of different technologies, deployment status, protocols used, scalability, supporting services, and capabilities.

#### Workshop Format

Using WebEx, the Web-based workshop will consist of three presentations over a 60-minute period, followed by 30 minutes of discussion among presenters and attendees. Peter Rysavy of [Rysavy Research](#) will moderate the discussion.

#### Presentations

- **Presentation 1: Vieri Vanghi, Sr. Director Product Management, Qualcomm. LTE Family of Technologies for IoT.** (Abstract: Starting with Rel.10, 3GPP LTE specifications have included a variety of new features specifically targeted to machine-type communication (MTC) devices and culminating in the Release 13 enhanced MTC (eMTC) and Narrowband IOT (NB-IOT) work items. In this presentation we will focus on the most salient aspects of eMTC and NB-IOT, namely, power efficiency, coverage enhancements and device cost reduction, and show how such standard based technologies deployed in licensed spectrum are best suited to enable IOT market to achieve massive scale.)
- **Presentation 2: Johan Stokking, Co-Founder and Technical Lead, The Things Network. The Things Network and LoraWAN Technology.** Including Comparison with Other Unlicensed IoT Network Technologies.
- **Presentation 3: Dr. Rao Yallapragada, Director, Intel. 5G Massive IoT.** Design aspects of 5G massive IoT, use cases, key performance indicators, and capabilities.

#### Registration

Registration is restricted to WTA member organizations. (AT&T, Ericsson, Georgetown University, Growth Impact Solutions, Instep Group, Intel, MCCI, Mobile Computing Promotion Consortium (MCPC), NetMotion Wireless, Qualcomm, Rysavy Research, and Sierra Wireless.)

To register, please email us at [pcca-management@pcca.org](mailto:pcca-management@pcca.org) (replying to this email should work but check the email address), and provide:

Organization:

Name:

Job Title:

Phone number:

Email address:

Registrants will receive an email confirmation followed by a WebEx invitation approximately one week before the event.

The registration deadline is end of day, July 26, 2016.

### **Information for Presenters**

The following information is for people presenting at this WTA workshop:

- Length of 20 minutes. Six to ten slides suggested.
- Presenters must provide their presentations (PDF or PPT) at least one week prior to the workshop.
- We will have a rehearsal for presenters the week before the workshop.
- Emphasis should be on the workshop topic and not selling your company, but one or two slides about what your company does in this area is fine.
- Generally, a dynamic and attentive audience of key industry stakeholders attend each workshop, representing a broad spectrum of the mobile computing industry, including operators, infrastructure vendors, device vendors, middleware providers, policy makers, and application developers.
- Presenters should use their own presentation templates.
- Because WTA workshops are considered public meetings, please do not include any confidential or proprietary information. Please do not mark your presentations with any terminology indicating confidential or proprietary information.

### **Contact Us**

The Wireless Technology Association is incorporated as the Portable Computers and Communications Association (PCCA).

<http://www.wirelesstechnologyassociation.org> Wireless Technology Association Web site.

<http://www.rysavy.com> Rysavy Research Web site.

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