

# IEEE Communications Quality and Reliability (CQR)

## 2011 Workshop

Naples Beach Resort and Golf Club

Naples, FL, US

May 12-14, 2011

# CQR 2011 Workshop Overview

- Workshop Co-Chairs
  - Mike Ryan, Verizon Wireless, michael.ryan@VerizonWireless.com
  - Scott Poretsky, Allot Communications, sporetsky@allot.com
- Keynote Speakers
  - Day 1, Karl Rauscher, East-West Institute
  - Day 2, TBD
  - Day 3, TBD
- Segments
  - Day 1, Segment 1 – ***The Realities of Deploying LTE***, Chair James Runyon, Alcatel-Lucent, jim.runyon@alcatel-lucent.com
  - Day 2, Segment 2 - ***Smartphone Impact on Mobile Networks***, Chair TBD
  - Day 3, Segment 3 – ***Supply Chain Integrity to Ensure Cyber Security***, Chair Mark Adam, Cox Communications, Mark.Adams@cox.com
- Panels
  - Day 1, Executive Panel, Chair Kelly Krick, Ericsson, kelly.krick@ericsson.com
  - Day 2, Technical Experts Panel, Chair Anil Macwan, Alcatel-Lucent, anil.macwan@alcatel-lucent.com

# Segment Abstracts

## **Segment 1: The Realities of Deploying LTE**

The 3GPP standards body has spent years defining LTE. Mobile network operators are putting those standards to practice with an aggressive build-out of LTE over the past year. This session will examine the quality, reliability, and security of production LTE networks. Particular emphasis will be placed on gaps in LTE standards for network quality, reliability, and security.

## **Segment 2: Smartphone Impact on Mobile Data Networks**

The smartphone, the smartuser, and mobile apps have altered the mobile usage paradigm. New uses for mobile devices have been created and this has changed how people use mobile data. This session will examine how the mobile data usage model has impacted the quality, reliability, and security of the mobile data network.

## **Segment 3: Supply Chain Integrity to Ensure Cyber Security**

This is a current major topic in the international cyber security world as there is substantial international efforts to address how to validate and ensure the integrity of communication supply chain components (hardware-only, software only, hardware-software systems). , this is a key area of policy discussion due to the global growth in outsourcing, multi-national vendor products and solutions, software controls, and cyber crime/terrorism

# Technical Program

- Technical Program Committee
  - Shinji Sugawara, TPC Secretary
  - Professor Ishibashi, TPC Chair
- Key Dates
  - Dec 13, 2010 Paper submission deadline  
(Pages should be of length 4-6 pages with 2-columns)
  - Feb 14, 2011 Notification of acceptance
  - Mar 14, 2011 Camera-ready paper submission
  - May 10-12, 2011 CQR2011

# Corporate Patrons

As of Dec 6, 2010

- Gold: Huawei
- Silver: Allot
- Bronze: Cox

For patronage, please contact

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