

**JULY 2014 IEEE 802 PLENARY SESSION  
TUTORIAL SCHEUDLE**

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ALL SECTIONS OCCUR MONDAY JULY 14, 2014

Please check the current schedule (<http://802world.org/attendee>) for room information.

**SECTION #1**                      **6:00 to 7:30 PM**

**TITLE OF TUTORIAL:**      Pervasive Surveillance of Internet

**NAME OF PRESENTERS, THEIR AFFILIATIONS AND CONTACT INFO:**

| Presenter(s) Name: | Affiliation:                   | Email Address:   |
|--------------------|--------------------------------|--|
| Juan Carlos Zuniga | InterDigital                   | <a href="mailto:JuanCarlos.Zuniga@InterDigital.com">JuanCarlos.Zuniga@InterDigital.com</a> |
|                    | IEEE Cyber Security Task Force |  |

**ABSTRACT: (a brief paragraph describing content of the presentation)**

Pervasive surveillance of Internet refers to bulk-data collection and massive monitoring. Standards Developing Organizations (SDOs) such as IETF and W3C consider pervasive monitoring similar to other security problems and they are currently working to strengthen Internet technologies to better defend against this problem.

The objective of this tutorial is to create awareness of the latest developments in this area, initiate dialogue within IEEE 802 WGs, and raise questions that could potentially need further consideration and generate immediate and long-term action plans in the different IEEE 802 WGs.

**SECTION #2**                      **7:30 to 9:00 PM**

**TITLE OF TUTORIAL:**      Spectrum Occupancy Sensing

**NAME OF PRESENTERS, THEIR AFFILIATIONS AND CONTACT INFO:**

| Presenter(s) Name:    | Affiliation:                     | Email Address:   |
|-----------------------|----------------------------------|--|
| Apurva Mody           | BAE Systems                      | <a href="mailto:apurva.mody@baesystems.com">apurva.mody@baesystems.com</a>   |
| Prof. Jeffrey Reed    | Virginia Tech                    | <a href="mailto:reedjh@vt.edu">reedjh@vt.edu</a>                             |
| Prof. Sumit Roy       | University of Washington         | <a href="mailto:roy@ee.washington.edu">roy@ee.washington.edu</a>             |
| Ivan Reede            | AmeriSys                         | <a href="mailto:I_reede@amerisys.com">I_reede@amerisys.com</a>               |
| Dr. Chittabrata Ghosh | Nokia                            | <a href="mailto:Chittabrata.ghosh@nokia.com">Chittabrata.ghosh@nokia.com</a> |
| Denis Roberson        | Illinois Institute of Technology | <a href="mailto:robersond@iit.edu">robersond@iit.edu</a>                     |

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Recently, FCC, NTIA and other regulators have broadened their horizons for cooperative spectrum sharing approaches in order to optimize spectrum utilization. For example see the PCAST Report [1] - Realizing Full Potential of Government Held Spectrum. FCC/ NTIA are in the process of opening new spectrum bands that specifically require multi-levels of regulated users to share the spectrum utilizing cognitive radio behavior. For our purposes, we define spectrum sharing as a mechanism that ensures that primary services are protected from interference while allowing other opportunistic devices to share the spectrum.