WSRD Workshop X

Security from a Wireless Spectrum Perspective:
Technology Innovation and Policy Research Needs
September 13, 2018

AGENDA

9:00   **Welcome and Opening Remarks:** Rangam Subramanian, NTIA and WSRD Co-chair

9:10   **Keynote:** *Security of Spectrum Access: The Fulcrum for Powering the Internet of Everything!* Pete Tseronis, Dots and Bridges LLC

9:30   **Presentations:** *User Perspectives: Wireless spectrum cyber security issues, recent attacks, and frameworks.* Speakers: Wade Trappe, Rutgers; John Chapin, Roberson & Assoc.; Matthew Barrett, NIST; Arup Bhuyan and Carl Kutsche, Idaho National Laboratory

10:15   *Break*

10:30   **Round Robin Sessions**

         I.   *Wireless access hardware, waveforms, antenna and protocol security.* Moderator, Wade Trappe

         II.   *Wireless spectrum access authentication and identification issues.* Moderator, Sneha Kasera, University of Utah

         III.   *Protecting wireless service level guarantees.* Moderator, Apurva Mody, BAE Systems

         IV.   *Legacy wireless access network attach vectors: From Legacy to Emerging Applications.* Moderator, Joe Heaps, DOJ-NIJ

12:30   *Lunch (on your own)*

1:15   **Presentations:** *Current R&D Initiatives:* Speakers: Suba Subbalakshmi, Stevens Institute; Henning Schulzrine, Columbia; Jeff Reed, Virginia Tech

1:45   **Round Robin Session Summary Panel:** Moderator, Kathy Lyons-Burke, NRC

2:30   **R&D Gaps Discussion:** Moderators, Wade Trappe and Paul Kolodzy, Kolodzy Consulting

3:45   *Break*

4:00   **Summary Discussion:** Moderator, John Chapin

4:45   **Closing Remarks**