Wireless Mesh and IoT Test Methods

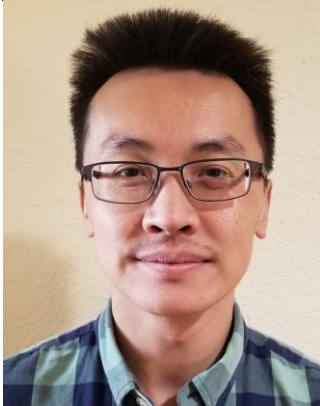|	
Thursday October 19 10 AM – 2 PM (lunch served)	Wireless mesh systems are being deployed to improve coverage and to support the Internet of Things (IoT). The challenges for the wireless industry include optimizing the efficiency of wireless meshes and the mechanisms to steer stations to the best access point or frequency band. And the ultimate challenge, as always, is to get the best performance under a variety of real-life impairments and interference. In this seminar, we will cover the evolution of mesh technologies, including 802.11s, Nest/ZigBee and Bluetooth. We will discuss today's common 3-node mesh architectures for Wi-Fi and examine the typical performance of the products on the market. We will demonstrate new test methods for validating mesh networks via hands-on use of the octoBox testbeds configured for mesh testing. Measurements will include MIMO-OTA throughput via a mesh network, roaming and backhaul performance. Lunch will be served and you can bring your own devices to test in the afternoon. Who should attend: Development and test engineers and managers

Registration
Please register here.

Location
octoScope, 780 Montague Expressway, Building 1, San Jose, CA
You can also join via Zoom at this link.

Presenting team

Fanny Mlinarsky is President and CTO of octoScope, a wireless test solutions and services company. Her background includes hands-on product development and R&D management. Prior to octoScope Fanny was Founder and CTO of Azimuth Systems, a wireless test equipment vendor. She has been an active contributor to the wireless standards at 802.11 and 3GPP and has published articles, white papers, presentations and test reports on wireless topics.

Toan Tchen is a Senior Systems Engineer at octoScope. Based in the San Jose office, Toan presents live demos and supports local companies in testing and using the octoBox. Prior to joining octoScope, Toan worked at the Wi-Fi Alliance, where he provided training to Wi-Fi certified labs and helped launch programs such as Wi-Fi Protected Setup NFC and LTE-U Coexistence.

Sushree Sunil Mohanty joined octoScope as a Sales Engineer and has advanced to Regional Sales Manager for the Bay Area. Using her background in wireless technology and her in-depth knowledge of the octoScope product line, Sushree works closely with customers to make sure their requirements are met before and after a sale is complete. Prior to joining octoScope, she worked at the National Institute of Standards and Technology where she focused on software defined radios.