



IEEE Syracuse – MTT/AP Chapter Presents
IEEE Syracuse Section Microwave Workshop Series



CURRENT INNOVATIONS IN WIRELESS

Wednesday, September 30, 2015 | 8:30 am – 5:00 pm | Syracuse, NY

Sheraton Syracuse University Hotel & Conference Center, 801 University Avenue, Syracuse, New York 13210

Co-sponsors (in alphabetical order):

Anaren Microwave, CASE, IEEE Syracuse Chapter, Sonnet Software, and Synergy Microwave



The purpose of this workshop is to bring the professionals, academicians, and young researchers together to discuss the theoretical and practical aspects and advances of Antenna Design, Measurement Techniques and Emerging Antenna Research for Wireless Communications. It aims to promote an instructive and interactive exchange of technical information and research ideas that will not only contribute to academic areas, but will also benefit the microwave industry in the foreseeable future. The attendees of antenna research and development laboratories/companies, electromagnetics software industry, and academia from the northeastern region and beyond will be meeting on Syracuse University campus.

8:30 – 8:50	Check-in	
8:50 – 9:00	Welcome & Opening Remarks	
9:00 – 12:00	<ol style="list-style-type: none"> 1. The Physics and Mathematics of Radio Wave Propagation in Cellular Wireless Communication. 2. Leaky-Wave Antennas: The Dawn of a New Era! 3. UWB Radar Theory, Technology, and Systems. 	<ol style="list-style-type: none"> 1. Tapan Sarkar (Syracuse University) 2. Christophe Caloz (École Polytech. de Montréal) 3. Eric Mokole (Naval Research Laboratory)
12:00 – 13:30	Lunch	
13:30 – 16:30	<ol style="list-style-type: none"> 1. UWB Antennas for Wireless Communication and Detection Applications. 2. Applications of Advanced Shielded Planar EM Analysis Technologies to Antenna Analysis. 3. Introduction to Antenna Measurement and Instrumentation. 	<ol style="list-style-type: none"> 1. Ahmed Kishk (Concordia University) 2. Jim Rautio & Brian Rautio (Sonnet Software) 3. Jeff Fordham (MI Technologies)
16:30 – 17:00	Refreshments	

Organizing Committee:

Jun (Brandon) Choi | Jay Lee | Maureen Marano | Donald McPherson | Kishan Mehrotra | Tapan Sarkar | Mary Taylor