

TUESDAY Afternoon April 13, 2010

Lunch will be served at noon buffet style for you to enjoy on the oceanside deck - weather permitting.

Networking Lunch

Sessions will start promptly at 1:05 pm

Session (9) Aruba		Tutorial Session (6) Barbados		Session (10) Antiqua	
1.05-2.45	PA Large-Signal Design and Modeling (Chair: Craig Sapashe, Gary Breed)		Chair: Ray Pengelly	1.05-2.45	Passive Circuits (Chair: Scott Barker; Dimitri Peroulis)
1.05-1.25	Design of GaN HEMT based Doherty Amplifiers A. Z. Markos, K. Bathich, and G. Boeck (Berlin Institute of Technology)	Fundamentals of Digital Radio: 0G through LTE and 4G		1.05-1.30	Novel Ka-Band Phase Shifters Using MEMS Capacitive Switches James Hwang (Lehigh University)
1.25-1.45	Waveform Engineering Applied to Linear-Efficient PA Design J. Lees (University of Cardiff, UK)		1.30-1.55	Lightweight Multilayer Organic RF Front Ends for X-Band Remote Sensing Applications John Papapolymerou (Gatech)	
1.45-2.05	Systematic Design of Harmonically Terminated High Efficiency Power Amplifier using Accurate Large Signal Models Slim Boumaiza (University of Waterloo)		1.55-2.20	A Novel Technique to Measure the Input Impedance of On-Chip Microstrip Patch Antenna in Standard CMOS Technology Alattar (Santa Clara Univ.)	
2.05-2.25	Modeling a packaged 30 watt GaN HEMT transistor Matthias Rudolf (FbH Berlin in Germany)		2.20-2.45	Advanced Modeling of Packaged RF MEMS Switches and its Application on Tunable Filter Implementation Kamran Entesari (TAMU)	
2.25-2.45	An Active, Non-intrusive, High Resolution Microwave Field Probe with Applications in High Power RF Device and Circuit Design Steve Cripps (Hywave Associates, UK)				
Coffee Break					
3.00-4.40	Poster Session (Reviewed) Aruba	Tutorial Session (7) Barbados		Education Session Antiqua	
	Chair: Lester Lopez; Charles Baylis	Chair: Ray Pengelly		Chair: Paul G Flikkema	
3.00-3.20	Poster session setup	Fundamentals of Digital Radio: 0G through LTE and 4G	3:00-3:25	Jeff Frolik, University of Vermont: "MUSE – A Technology-Enhanced Learning Paradigm for 21st-Century Engineering Education"	
3.20-3.40			3:25-3:50	Phil Warder, TriQuint Semiconductor: "An Industry Perspective on Engineering Education"	
3.40-4.00	Reviewed Papers accepted in poster sessions				No Session
4.00-4.20		Best paper prize awards announced			
4.20-4.40		Reviewed Papers accepted in poster sessions			

Exhibitors St Martin/St Lucia