



THE INSTITUTE OF ELECTRICAL AND ELECTRONIC ENGINEERS, INC.
NORTH JERSEY SECTION
MTT-Society & AP-Society Joint Chapter
PRESENTS



24th ANNUAL SYMPOSIUM AND MINI – SHOW

THURSDAY OCTOBER 1, 2009

PLACE: Hanover Manor, 16 Eagle Rock Ave., E. Hanover, NJ 07936. Ph#973-992-7425

The conference presents a series of 9 lectures describing the state of the art in Microwave, RF, and Wireless Communications, technologies by leaders in their respective fields.

MINI SHOW FEATURING LATEST PRODUCTS - (9:30 AM TO 4:30 PM)
&
TECHNICAL SESSIONS (8:50AM to 4:30PM)

Time	Topic	Speakers	Title	Affiliation
8:50	Opening Remarks	George Kannell	Tech. Chair IEEE MTT/AP Chapter	LGS Innovations
9:00-9:30	A methodical approach to analyzing and understanding the performance of a LTE system	Mark Saffian	Solution Architect	AWR Corp.
9:30-10:00	Intelligent RF and Microwave Component and Assembly Designs'	C. Gupta, PH.D.	Vice President of Engineering	Aeroflex-KDI
10:00	BREAK - MINI SHOW EXHIBITION			
10:30-11:30	Realizing RF functions in an FPGA	Sean Gallagher	Application Engineer	Xilinx Inc.
11:30-12:00	Millimeterwave InP and SiGe HBT circuits for next generation data transmission systems"	Y. Baeyens, PH.D.	Technical Manager, IEEE Fellow	ALU/Bell Labs
12:00	LUNCH - MINI SHOW EXHIBITION			
1:00-1:30	Measuring Noise for Various Oscillator Families	David Bail	Director of Product Marketing	Vectron
1:30-2:00	Sensitivity and Mitigation of Reverse IMD in High Power Amplifiers	Chris Brinton	Student	TCNJ
2:30	BREAK - MINI SHOW EXHIBITION			
2:45-3:15	The Design & Measurement Data for S-Band T/R Module for a Multil-Beam Electronically Scanned Antenna	Sarjit S Bharj	Vice-President	Princeton Microwave
3:15-3:45	Recent Advances in High-speed Waveform Digitizer Technology	Peter Pupalaiakis	VP & Principal Technologist	LeCroy Corp.
3:45-4:15	Amplifier RFIC design focusing on the travelling wave architecture	Perry King	Regional Manager	Centellax
4:15	Closing remarks	Kirit Dixit	Chair IEEE MTT/APs NJ Section	Microcom Sales

Registration is on-site. Details will be in the October issue of the NORTH JERSEY IEEE NEWSLETTER and at <http://www-ec.njit.edu/~iceenj/NEWSLETTER.html#> IEEE North Jersey 5

ALL ARE WELCOME (IEEE Membership not required). REGISTRATION IS ON_SITE
THERE IS NO CHARGE TO ATTEND THE SYMPOSIUM OR SHOW.
FREE BREAKFAST / LUNCH INCLUDED FOR ALL.

FOR FURTHER INFORMATION

Chair / Exhibition:	Kirit Dixit	201-669-7599	kdixit@microcomsales.com
Chair MTT/APS Symposium	Har Dayal	973-633-4618	har.dayal@baesystems.com
Technical Program Chair:	George Kannell	973-437-9990	gkk@lgsinnovations.com
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Event Coordinator:	Willie Schmidt		