



THE IEEE NORTH JERSEY SECTION NEWSLETTER

Vol. 63, No. 2

MARCH 2017

Calendar of Events

March 2	2:00 PM to 3:00 PM	IEEE MTT/AP	Trans Receivers SDR Considerations: 5G and IOT	Ulrich Rohde
Location:	Synergy Microwave Corp. 201, McLean Blvd. Paterson, NJ 07504			Getting to Synergy
Contact:	Ajay Poddar	akpoddar@ieee.org		
March 2	3:00 PM to 5:00 PM	IEEE MTT/AP	Frequency Sources and Control	Ulrich Rohde
Location:	Synergy Microwave Corp. 201, McLean Blvd. Paterson, NJ 07504			Getting to Synergy
Contact:	Ajay Poddar	akpoddar@ieee.org		
March 3	4:00 PM to 5:00 PM	IEEE MTT/AP	1. Mobius-Graphene Inspired Microwave Components 2. Spintronic and Quantum Oscillators	Ulrich Rohde Ajay K. Poddar
Location:	Synergy Microwave Corp. 201, McLean Blvd. Paterson, NJ 07504			Getting to Synergy
Contact:	Ajay Poddar	akpoddar@ieee.org		
March 6	12:00 PM to 4:00 PM	IEEE MTT/AP	AP/MTT Antenna Design Workshop	Ulrich Rohde
Location:	52, Hillcrest Dr. Upper Saddle River NJ 07458			Getting to Hillcrest Drive
Contact:	Ajay Poddar	akpoddar@ieee.org		
March 6	4:00 PM to 5:00 PM	IEEE MTT/AP	Antenna Design Theory and Experimental Data	Ulrich Rohde
Location:	Synergy Microwave Corp. 201, McLean Blvd. Paterson, NJ 07504			Getting to Synergy
Contact:	Ajay Poddar	akpoddar@ieee.org		
March 7	5:00 PM to 6:15 PM	IEEE ComSoc	Smart Data for EU Triangulum Lighthouse Cities	Rong, Norway
Location:	NJIT - ECE 202, 161 Warren Street, Newark, NJ 07102			Getting to NJIT
Contact:	Nirwan Ansari Amit Patel	(973) 596-3670 a.j.patel@ieee.org		
March 9	12:00 PM to 2:00 PM	IEEE MTT/AP	Casimir and VanDer Waals Interactions in RF MEMS Switching Devices	Ulrich Rohde
Location:	Synergy Microwave Corp. 201, McLean Blvd. Paterson, NJ 07504			Getting to Synergy
Contact:	Ajay Poddar	akpoddar@ieee.org		
March 9	6:30 PM to 8:30 PM	IEEE CNNNJ	CNNNJ: Networking Meeting	Robert Walker
Location:	Morris County Library, 30, East Hanover Ave, Whippany, NJ 07981			Getting to Morris County Library
Contact:	Robert Walker	r.d.walker@ieee.org or (973) 728-0344		

PUBLICATION OF THE NORTH JERSEY SECTION OF THE INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS

March 20	4:00 PM to 6:00 PM	IEEE MTT/AP	Metamaterial Enhances Antenna Gain Characteristics	Ulrich Rohde
Location:	Synergy Microwave Corp. 201, McLean Blvd. Paterson, NJ 07504			Getting to Synergy
Contact:	Ajay Poddar		akpoddar@ieee.org	
March 23	12:00 PM to 1:00 PM	IEEE CS/FDU	Non-Destructive Inspection Technologies for Pharmaceutical and Medical Packages	Wenliang Chen
Location:	Auditorium M105 Muscarelle Center, Teaneck, NJ 07666			Getting to FDU
Contact:	Hong Zhao Alfredo Tan Howard Leach		(201)-692-2350, zhao@fdu.edu, tan@fdu.edu, h.leach@ieee.org	
March 23	2:00 PM to 3:30 PM	IEEE IT	Nokia Bell Labs - Shannon Luminary Lecture - How to Create New Senses for Humans	David Eagleman
Location:	600 Mountain Ave, Murray Hill, NJ 07974 Bell Laboratories, Nokia Hamming Innovation Hall			Getting to Nokia
Contact:	Adriaan J. van Wijngaarden		avw@ieee.org	
March 24	9:00 AM to 2:00 PM	IEEE PES/IAS/LS	Distributed Energy Resources	Wayne Hartmann
Location:	4000 Hadley Road, South Plainfield, NJ 07080			Getting to PSE&G Hadley Road
Contact:	Ken Oexle Ronald W. Quade		k.oexle@ieee.org rwquade@ieee.org	
April 3	6:00 PM to 8:00 PM	IEEE MTT/AP, ED/CAS	Microwave Power Transfer System, Rectenna, Phased Array, Magnetron	Naoki Shinohara
Location:	NJIT - ECE 202, 161 Warren Street, Newark, NJ 07102			Getting to NJIT
Contact:	Ajay Poddar Edip Niver Durga Misra		akpoddar@ieee.org edip.niver@njit.edu dmisra@ieee.org	
April 4	6:00 PM to 8:00 PM	IEEE MTT/AP, ED/CAS	MTT-S DML Talk - Gallium Nitride Power MMICs - Facts and Fiction	Charles F. Campbell
Location:	NJIT - ECE 202, 161 Warren Street, Newark, NJ 07102			Getting to NJIT
Contact:	Ajay Poddar Edip Niver Durga Misra		akpoddar@ieee.org edip.niver@njit.edu dmisra@ieee.org	
April 5	6:00 PM to 8:45 PM	IEEE North Jersey Section	EXCOM Meeting - Murray Hill, NJ	Kalyan Mondal
Location:	600 Mountain Ave, Murray Hill, NJ 07974 Bell Laboratories, Nokia Room Number: 6A-106			Getting to Nokia
Contact:	Kalyan Mondal Adriaan J. van Wijngaarden		k.mondal@ieee.org avw@ieee.org	
May 7	3:00 PM to 6:00 PM	IEEE North Jersey Section	IEEE North Jersey Section Awards Banquet	Kalyan Mondal
Location:	Birchwood Manor, 111 North Jefferson Road, Whippany, NJ			Getting to Birchwood Manor
Contact:	Kalyan Mondal Adriaan J. van Wijngaarden		k.mondal@ieee.org avw@ieee.org	

IEEE NORTH JERSEY SECTION – Short Courses

March 11 - April 29	9:00 AM to 12:00 NOON	IEEE CAS/ED, MTT/AP, NJIT	C# .NET Programming in Seven Saturdays Seven weekly classes (March 11, 25, April 1, 8, 15, 22, 29, 2017)	Donald Hsu
Location:	NJIT - ECE 202, 161 Warren Street, Newark, NJ 07102			Getting to NJIT
Contact:	Donald Hsu		yanyou@hotmail.com	
March 11 - April 29	12:00 PM to 3:00 PM	IEEE CAS/ED, MTT/AP, NJIT	Big Data Market Research in Seven Saturdays Seven weekly classes (March 11, 25, April 1, 8, 15, 22, 29, 2017)	Donald Hsu
Location:	NJIT - ECE 202, 161 Warren Street, Newark, NJ 07102			Getting to NJIT
Contact:	Donald Hsu		yanyou@hotmail.com	
March 25 - May 6	9:00 AM to 12:00 NOON	IEEE CAS/ED, MTT/AP, NJIT	Data Science with PYTHON in Seven Saturdays Seven weekly classes (March 25, April 1, 8, 15, 22, 29, May 6, 2017)	Manan Shah MananShah@ThinkPianDoLLC.com
Location:	Fairleigh Dickinson University (FDU) - 960 River Road, Teaneck, NJ 07666, FDU Metropolitan Campus, Becton Building 302			Getting to FDU
Contact:	Kalyan Mondal Amit Patel		k.mondal@ieee.org a.j.patel@ieee.org	

IEEE NORTH JERSEY SECTION – Conferences

April 7 & April 8	8:00 AM to 8:00 PM	IEEE ComSoc /IT/ VTS	26th Wireless and Optical Communications Conference Day-1 Day-2	
Location:	NJIT – University Heights, Campus Center Atrium, 161 Warren Street, Newark, NJ 07102			Getting to NJIT
Contact:	Mengchu Zhou Adriaan J. van Wijngaarden		mengchu.zhou@njit.edu avw@ieee.org	
October 5	9:00 AM to 4:30 PM	IEEE MTT/AP	32nd Annual Symposium and Mini-Show	Multi-Speakers
Location:	Hanover Manor, 16 Eagle Rock Ave., E. Hanover, NJ 07936			Getting to Hanover Manor
Contact:	Kirit Dixit George Kannell		kdixit@ieee.org , gkk@lgsinnovations.com	

For up to date information, visit our website: [IEEE North Jersey Section](#) Visit: [vTools Registration](#) to register for a meeting or event
Prior registration is encouraged and appreciated. You do not have to be an IEEE member to attend any event.