



THE IEEE NORTH JERSEY SECTION NEWSLETTER

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APRIL 2017

Calendar of Events

April 3	6:00 PM to 7:30 PM	MTT/AP, ED/CAS	Broad Passband, Wide Stopband, High Power Evanascent Mode Filters Usign Capacitively- Loaded Ridges	Richard Snyder
Location:	NJIT - ECE 202, 161 Warren Street, Newark, NJ 07102			
Contact:	Ajay Poddar Edip Niver Durga Misra		akpoddar@ieee.org edip.niver@njit.edu dmisra@ieee.org	Getting to NJIT
April 3	7:30 PM to 8:30 PM	MTT/AP, ED/CAS	Microwave Power Transfer System, Rectenna, Phased Array, Magnetron	Naoki Shinohara
Location:	NJIT - ECE 202, 161 Warren Street, Newark, NJ 07102			
Contact:	Ajay Poddar Edip Niver Durga Misra		akpoddar@ieee.org edip.niver@njit.edu dmisra@ieee.org	Getting to NJIT
April 4	6:00 PM to 8:00 PM	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			
Contact:	Ajay Poddar Edip Niver Durga Misra		akpoddar@ieee.org edip.niver@njit.edu dmisra@ieee.org	Getting to NJIT
April 5	11:00 AM to 12:00 PM	IT	Learning Dual Contextual/Conceptual Geometries of Databases/Matrices	Ronald Coifman
Location:	600 Mountain Ave, Murray Hill, NJ 07974 Bell Laboratories, Nokia Room Number: 6A-209			
Contact:	Adriaan J. van Wijngaarden		avw@ieee.org	Getting to Nokia Bell Labs
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			
Contact:	Kalyan Mondal Adriaan J. van Wijngaarden		k.mondal@ieee.org avw@ieee.org	Getting to Nokia Bell Labs
April 6	2:00 PM to 3:00 PM	IT	New Applications of Software Synthesis: Firewall Repair and Verification of Configuration Files	Ronald Coifman
Location:	600 Mountain Ave, Murray Hill, NJ 07974 Bell Laboratories, Nokia Room Number: 6B-230			
Contact:	Adriaan J. van Wijngaarden		avw@ieee.org	Getting to Nokia Bell Labs

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April 11	4:00 PM to 6:00 PM	ED/CAS, MTT/AP	An Overview of Server and Data Center – Level Power Optimizations	Tao Lu
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 13	6:30 PM to 8:30 PM	CNNNJ	Simulations Assist Hardware Development Productivity and Lower Risks	Charlotte Blair
Location:	Morris County Library, 30 East Hanover Avenue, Whippany, NJ 07981			Getting to Morris County Library
Contact:	Robert Walker	(973)-728 0344 or visit www.TechnologyOnTap.org		
April 26	8:00 AM to 6:00 PM	ComSoc	5G Tutorial	Multi-Speakers
Location:	The E Hotel Banquet and Conference Center, 3050, Woodbridge Avenue, Edison,, NJ 08837			Getting to Edison Hotel
Contact:	Adriaan J. van Wijngaarden Amit Patel	avw@ieee.org a.j.patel@ieee.org		
April 27	11:00 AM to 12:30 PM	CATT, IT	High Capacity Wireless Network Architectures Through Collaboration and Intelligent Information Storage	Leandros Tassioulas
Location:	2 MetroTech Center, Building: NYU Magnet, Room 800 (8th floor), Brooklyn, NY 11201			Getting to NYU Magnet
Contact:	Prof. Elza Erkip Adriaan J. van Wijngaarden	elza@nyu.edu; eeweb.poly.edu/~elza; avw@ieee.org		
April 28	9:00 AM to 2:00 PM	PES/IAS/LM	Power Quality Fundamentals	Dan Carnovale,
Location:	Auditorium, 4000 Hadley Road, South Plainfield, NJ 07080			Getting to Hadley Center
Contact:	Ken Oexle Ronald W. Quade	k.oexle@ieee.org rwquade@ieee.org		
May 4	5:00 PM to 8:00 PM	ED/CAS, MTT/AP	Low Power NB-IoT Transceiver Designs and its Business Opportunities in China	Hao Min
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		
May 6	1:30 AM to 4:30 PM	Education Committee	Data Visualization and Machine Learning Tutorial	
Location:	FDU, Metropolitan Campus, 960, River Road, Teaneck, NJ 07666			Getting to FDU
Contact:	Kalyan Mondal Amit Patel	k.mondal@ieee.org a.j.patel@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 Ken Oexle	k.mondal@ieee.org avw@ieee.org k.oexle@ieee.org		

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May 16	6:00 PM to 8:00 PM	MTT/AP, ED/CAS	Smart RFIC: Millimeter-wave Gigabit Transceivers with Digitally-enabled Built-in Self-calibration and Auto-switching Functions	Tian-Wei Huang
Location:	NJIT - ECE 202, 161 Warren Street, Newark, NJ 07102			
Contact:	Ajay Poddar Edip Niver Durga Misra		akpoddar@ieee.org edip.niver@njit.edu dmisra@ieee.org	Getting to NJIT
May 26	9:00 AM to 2:00 PM	PES/IAS/LM	Powerline Communications Class	Kalyan Mondal
Location:	Auditorium, 4000 Hadley Road, South Plainfield, NJ 07080			
Contact:	Ken Oexle Ronald W. Quade		Ken Oexle Ronald W. Quade	Getting to Hadley Center

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			
Contact:	Donald Hsu		yanyou@hotmail.com	Getting to NJIT
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			
Contact:	Donald Hsu		yanyou@hotmail.com	Getting to NJIT
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@ThinkPlanDoLLC.com
Location:	Fairleigh Dickinson University (FDU) - 960 River Road, Teaneck, NJ 07666, FDU Metropolitan Campus, Becton Building 302			
Contact:	Kalyan Mondal Amit Patel		k.mondal@ieee.org a.j.patel@ieee.org	Getting to FDU

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			
Contact:	Mengchu Zhou Adriaan J. van Wijngaarden		mengchu.zhou@njit.edu avw@ieee.org	Getting to NJIT
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			
Contact:	Kirit Dixit George Kannell		kdixit@ieee.org, gkk@lgsinnovations.com	Getting to Hanover Manor

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.