



THE IEEE NORTH JERSEY SECTION NEWSLETTER

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MAY 2017

Calendar of Events

May 2	4:00 PM to 6:00 PM	Photonics	SD-WAN for Enterprise Interconnect	Wu Chou
Location:	Huawei (Futurewei) Technologies R&D Center, Bridgewater, NJ 08807 Building: 2nd Floor, 400 Crossing Blvd, Room Number: China meeting room			Getting to Huawei Technologies, Bridgewater NJ
Contact:	Naresh Chand		naresh.chand@huawei.com	
May 4	2:00 PM to 3:30 PM	IT/VTS/COM SOC	Nokia Bell Labs Shannon Luminary Lecture - The Future of Human Agency	Dr. Stephen Friend
Location:	600 Mountain Ave, Murray Hill, NJ 07974 Bell Laboratories, Nokia Bell Laboratories, Nokia, Hamming Innovation Hall			Getting to Nokia Bell Labs
Contact:	Adriaan J. van Wijngaarden		avw@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			
Contact:	Ajay Poddar Edip Niver Durga Misra		akpoddar@ieee.org edip.niver@njit.edu dmisra@ieee.org	Getting to NJIT
May 6	1:30 PM to 4:30 PM	Education Committee/ COMSOC	Data Visualization and Machine Learning Tutorial	Dan Van Boxel
Location:	FDU, Becton Building Room #302, Metropolitan Campus, 960, River Road, Teaneck, NJ 07666			
Contact:	Kalyan Mondal Amit Patel		k.mondal@ieee.org a.j.patel@ieee.org	Getting to FDU
May 7	9:45 AM to 12:00 PM	IEEE North Jersey Section	CNNNJ: tour of Thomas Edison National Historical Park, W.Orange	
Location:	Thomas Edison National Historical Park, 211, Main Street, West Orange, NJ 07052			Edison National Park, West Orange, New Jersey
Contact:	Steven Garfinkel,		sgarfinkel@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			
Contact:	Kalyan Mondal Adriaan J. van Wijngaarden Ken Oexle		k.mondal@ieee.org avw@ieee.org k.oexle@ieee.org	Getting to Birchwood Manor

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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			Getting to NJIT
Contact:	Ajay Poddar Edip Niver Durga Misra	akpoddar@ieee.org edip.niver@njit.edu dmisra@ieee.org		
May 19	6:00 PM to 8:00 PM	MTT/AP, ED/CAS	Many Names, Many Advantages – Are Resonant Cavity Antennas the Killer Planar Space-Saving Approach to Get 15-25dB Gain?	Karu Esselle
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 24	10:00 AM to 11:00 AM	SMCS	How to Reduce Incident-induced Traffic Congestion in City Environment	Liang Qi
Location:	NJIT - ECE 202, 161 Warren Street, Newark, NJ 07102			Getting to NJIT
Contact:	Mengchu Zhou	zhou@njit.edu		
May 25	8:30 AM to 5:30 PM	IEEE Region 1, North Jersey, New Jersey Coast, Princeton/Central Jersey, New York Sections	SECON 2017 – Social Engineering Impacts Security	Multi-Speakers
Location:	New Jersey City University, 2039 John F. Kennedy Boulevard, Jersey City, NJ 07305			Getting to New Jersey City University
Contact:	Adriaan J. van Wijngaarden Dr. Amruthur Narasimhan	avw@ieee.org anarasimhan@ieee.org		
May 26	9:00 AM to 2:00 PM	PES/IAS/LM	Powerline Communications Class	Nachum Sadan
Location:	Auditorium, 4000 Hadley Road, South Plainfield, NJ 07080			Getting to Hadley Center
Contact:	Ken Oexle Ronald W. Quade	Ken Oexle Ronald W. Quade		
June 7	6:00 PM to 8:45 PM	IEEE North Jersey Section	IEEE North Jersey Section EXCOM meeting - Newark, NJ	Kalyan Mondal
Location:	NJIT - ECE 202, 161 Warren Street, Newark, NJ 07102			Getting to NJIT
Contact:	Kalyan Mondal	k.mondal@ieee.org		
June 10	2:00 PM to 6:00 PM	IEEE North Jersey Section	2017 IEEE STEM Career Day for Middle and High School Students	Kalyan Mondal
Location:	Hilton, Short Hills, NJ 07078			Getting to Hilton, Short Hills
Contact:	Kalyan Mondal	k.mondal@ieee.org		

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June 20	2:00 PM to 3:00 PM	SMCS	Optimization of Sequence-dependent Selective Disassembly Subject to Multi-resource Constraints	Xiwang Guo
Location:	NJIT - ECE 202, 161 Warren Street, Newark, NJ 07102			Getting to NJIT
Contact:	Mengchu Zhou	zhou@njit.edu		

IEEE NORTH JERSEY SECTION – Short Courses

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			Getting to FDU
Contact:	Kalyan Mondal Amit Patel	k.mondal@ieee.org a.j.patel@ieee.org		

July 8 - August 19	9:00 AM to 12:00 NOON	Education/ NJIT	Big Data Market Research in Seven Saturdays Seven weekly classes (July 8, 15, 22, 29, August 5, 12, 19, 2017)	Donald Hsu
Location:	NJIT - ECE 202, 161 Warren Street, Newark, NJ 07102			Getting to NJIT
Contact:	Donald Hsu	yanyou@hotmail.com		

July 8 – August 19	12:00 PM to 3:00 PM	Education/ NJIT	Project Risk Management in Seven Saturdays Seven weekly classes (July 8, 15, 22, 29, August 5, 12, 19, 2017)	Donald Hsu
Location:	NJIT - ECE 202, 161 Warren Street, Newark, NJ 07102			Getting to NJIT
Contact:	Donald Hsu	yanyou@hotmail.com		

IEEE NORTH JERSEY SECTION – Conferences

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		

Recent Section Event Photos:

May 7, 2017 Annual Awards Banquet, Birchwood Manor, Whippany, NJ

Photos Courtesy Bala Prasanna

Photo Courtesy Howard Leach

For up to date information, visit our website: [IEEE North Jersey Section](http://www.ieee.org/northjersey) Visit: [vTools Registration](http://www.vtools.com) 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.
The Section Executive Committee roster is at: <http://sites.ieee.org/northjersey/org/>