



THE IEEE NORTH JERSEY SECTION NEWSLETTER

Vol. 63, No. 9

NOVEMBER-DECEMBER 2017

Calendar of Events

Oct 12	6:30 PM to 8:00 PM	MTT/AP ED/CAS	Electromagnetic theories of consciousness: Spectrum of Spirit and Self Realization	Hans Chaudhry
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 dmsira@ieee.org		
Oct 26	6:00 PM to 7:30 PM	IMS	Safety of Information and Communication Technology Equipment Used in Smart Grid Applications	Don Gies
Location:	NJIT - ECE 202, 161 Warren Street, Newark, NJ 07102			Getting to NJIT
Contact:	Russell C. Pepe	201-960-6796		
Oct 27	9:00 AM to 2:00 PM	IEEE PES / IAS / LM	The EMP Vulnerability of and Protection of the Electrically Powered Infrastructure	Melvin Lewis
Location:	PSE&G, Hadley Rd. Facility Auditorium, 4000 Hadley Road, South Plainfield, NJ 07080			Getting to PSE&G
Contact:	Ken Oexle	k.oexle@ieee.org (Admission fee applies)		
Oct 31	11:45 AM to 1:30 PM	ED/CAS MTT/AP	Education and Innovation Ecosystem at Furtwangen University	Achim P. Karduck
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 dmsira@ieee.org		
Nov 1	6:00 PM to 8:45 PM	IEEE North Jersey Section	IEEE North Jersey Section EXCOM meeting - Teaneck, NJ	Kalyan Mondal
Location:	FDU - Metropolitan Campus, Muscarelle Room 105, 1000 River Road, Teaneck, NJ 07666,			Getting to FDU T:(201) 692 2000)
Contact:	Kalyan Mondal	k.mondal@ieee.org		
Nov 2	11:00 AM to 12:00 PM	IEEE NY/North Jersey Section	Fog-Aided Wireless Networks: An Information-Theoretic View	Osvaldo Simeone
Location:	2 MetroTech Center, Room 10.099 (10th floor), Brooklyn, New York, NY 11201,			Getting to Metro Tech Center, Brooklyn NY
Contact:	Prof. Elza Erkip Adriaan J. van Wijngaarden	elza@nyu.edu avw@ieee.org		
Nov 2	6:00 PM to 7:00 PM	IEEE PCJ/North Jersey MTT/AP/ED	Applications of Terahertz technology	Dr. Rich Skibo
Location:	(TCNJ) The College of New Jersey, Room: 148, Armstrong Hall, Ewing, NJ 08628			Getting to TCNJ
Contact:	Dr. Ajay K. Poddar Dr. Allwen Katz Carolyn Sherman	akpoddar@ieee.org A.katz@ieee.org csherman@tcnj.edu		

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

Nov 3	2:00 PM to 4:00 PM	MTT/AP ED/CAS	Signal Generation and Processing for IoT Applications	Dr.Ing.habil Ajay K. Poddar
Location:	Synergy Microwave Corp, 201, McLean Boulevard, Paterson, NJ 07504			Getting to Synergy Microwave Corp.
Contact:	Ajay Poddar Edip Niver Durga Misra	akpoddar@ieee.org edip.niver@njit.edu dmisra@ieee.org		
Nov 3	4:00 PM to 6:00 PM	MTT/AP	Software-Defined Radios Role in Internet of Things Applications	Prof. Ulrich Rohde
Location:	Synergy Microwave Corp, 201, McLean Boulevard, Paterson, NJ 07504			Getting to Synergy Microwave Corp.
Contact:	Ajay Poddar	akpoddar@ieee.org		
Nov 6	12:00 PM to 3:00 PM	MTT/AP	MASH Digital Delta-Sigma Modulator-Based Divider Controller	Dr.Ing.habil Ajay K. Poddar
Location:	Synergy Microwave Corp, 201, McLean Boulevard, Paterson, NJ 07504			Getting to Synergy Microwave Corp.
Contact:	Ajay Poddar	akpoddar@ieee.org		
Nov 6	4:00 PM to 6:00 PM	MTT/AP	Cognitive Radio	Prof. Ulrich Rohde
Location:	Synergy Microwave Corp, 201, McLean Boulevard, Paterson, NJ 07504			Getting to Synergy Microwave Corp.
Contact:	Ajay Poddar	akpoddar@ieee.org		
Nov 6	9:00 AM to 2:00 PM	IEEE PES / IAS / LM	The Threat to the United States Critical Infrastructure from Electromagnetic Pulse (EMP)	Eric Smith Isaac Bohlken
Location:	PSE&G, Hadley Rd. Facility Auditorium, 4000 Hadley Road, South Plainfield, NJ 07080			Getting to PSE&G
Contact:	Ken Oexle	k.oexle@ieee.org		
Nov 9	6:30 PM to 8:30 PM	CNNNJ	Networking Session and Job-Finding Discussion	Discussion Session
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		
Nov 11	10:00 AM to 2:00 PM	IEEE North Jersey Section	Learn to Teach Programming in High School	Dr. Dov Kruger
Location:	Babbio Center, Stevens Institute of Technology, 525 River Street, Hoboken, NJ 07030			Getting to Stevens Institute of Technology
Contact:	Yu-Dong Yao	yyao@stevens.edu		
Nov 17	9:00 AM to 2:00 PM	IEEE PES / IAS / LM	Panelboard vs. Switchboard – Eaton	Eric Smith Isaac Bohlken
Location:	PSE&G, Hadley Rd. Facility Auditorium, 4000 Hadley Road, South Plainfield, NJ 07080			Getting to PSE&G
Contact:	Ken Oexle	k.oexle@ieee.org (Admission fee applies)		
Nov 18	2:00 PM to 6:00 PM	IEEE North Jersey Section	2017 IEEE STEM Career Day for Middle and High School Students	Dr. Jyoti Bali
Location:	Hilton, Short Hills, NJ 07078			Getting to Hilton, Short Hills
Contact:	Dr. Jyoti Bali	drjyotibali@gmail.com		

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

Dec 12	6:00 PM to 9:00 PM	IEEE North Jersey Section	IEEE North Jersey Section EXCOM meeting - East Hanover, NJ	Kalyan Mondal
Location:	16 Eagle Rock Ave, East Hanover, NJ 07936,			Getting to Hanover Manor
Contact:	Kalyan Mondal		k.mondal@ieee.org	

IEEE NORTH JERSEY SECTION – Short Courses

Sept 30 - Nov 18	9:00 AM to 12:00 NOON	Education/ NJIT	C#.Net Programming in Seven Saturdays - Seven weekly classes (September 30, October 7, 14, 28, November 4, 11, 18, 2017)	Donald Hsu
Location:	NJIT - ECE 202, 161 Warren Street, Newark, NJ 07102			Getting to NJIT
Contact:	Donald Hsu		yanyou@hotmail.com	

Sept 30 - Nov 18	12:00 PM to 3:00 PM	Education/ NJIT	Project Risk Management in Seven Saturdays Seven weekly classes (September 30, October 7, 14, 28, November 4, 11, 18, 2017)	Donald Hsu
Location:	NJIT - ECE 202, 161 Warren Street, Newark, NJ 07102			Getting to NJIT
Contact:	Donald Hsu		yanyou@hotmail.com	

Nov 11 & 18	1:30 PM to 5:00 PM	IEEE North Jersey Section, COMSOC	Introduction to the Raspberry Pi 3 Model B	Eyshika Agarwal
Location:	FDU - Metropolitan Campus, Muscarelle Room 105, 1000 River Road, Teaneck, NJ 07666,			Getting to FDU T:(201) 692 2000)
Contact:	Eyshika Agarwal		eyshikaengineer@gmail.com	

IEEE – IMPORTANT EVENTS, ARTICLES AND REMINDERS:

- [This Month's Communications Society News from Around the World](#)

IEEE NORTH JERSEY SECTION – Short Course on “C#.Net Programming in Seven Saturdays” by Prof. Donald Hsu



For up to date information, visit our website: [IEEE North Jersey Section](#)
 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/>