



THE IEEE NORTH JERSEY SECTION NEWSLETTER

Vol. 64, No. 2

FEBRUARY 2018

Calendar of Events

Feb 7	6:00 PM to 9:00 PM	IEEE North Jersey Section	IEEE North Jersey Section EXCOM meeting - Murray Hill, NJ	Kalyan Mondal
Location:	Nokia-Bell Labs, Room 6B-230, 600, Mountain Avenue, Murray Hill, NJ 07974,			Getting to Nokia Bell Labs - Murray Hill
Contact:	Kalyan Mondal	k.mondal@ieee.org		
Feb 14	6:30 PM to 8:45 PM	PACE	Engineers Meet	Kalyan Mondal
Location:	Clifton Memorial Library, 292, Piaget Ave, Clifton, NJ 07011,			Getting to Clifton Memorial Library
Contact:	Richard Tax Russell Pepe	rtax@verizon.net		
Feb 23	9:00 AM to 2:00 PM	PES/IES/LM	Arc Flash & Training – Triad	Philip M. Greci Robert C. Corson
Location:	4000 Hadley Road, South Plainfield, NJ 07080			Getting to PSE&G South Plainfield
Contact:	Ken Oexle	koexle@ieee.org		
Feb 26	6:00 PM to 8:00 PM	MTT/AP ED/CAS	QoS and Design Challenges in Wireless Sensor Communications Networks	Vivek Deshpande
Location:	NJIT - ECE 202, 161 Warren Street, Newark, NJ 07102			Getting to NJIT
Contact:	Ajay Poddar Edip Niver Durga Misra Anisha Apte	akpoddar@ieee.org edip.niver@njit.edu dmisra@ieee.org anisha_apte@ieee.org		
March 7	6:00 PM to 9:00 PM	IEEE North Jersey Section	IEEE North Jersey Section EXCOM meeting - Clifton, NJ	Kalyan Mondal
Location:	Activity Room, Clifton Memorial Library, 292 Piaget Ave, Clifton, NJ 07011,T: (973) 340 2877)			Getting to Clifton Memorial Library
Contact:	Kalyan Mondal	k.mondal@ieee.org		
March 23	2:00 PM to 4:00 PM	PES/IES/LM	Ethics	Dr. Joseph A. Dasaro
Location:	4000 Hadley Road, South Plainfield, NJ 07080			Getting to PSE&G South Plainfield
Contact:	Ken Oexle	koexle@ieee.org		
March 23	9:00 AM to 9:00 PM	PES/IES/LM	Total Power System Integration	Robert MacFadyen
Location:	4000 Hadley Road, South Plainfield, NJ 07080			Getting to PSE&G South Plainfield
Contact:	Ken Oexle	koexle@ieee.org		

April 3	5:30 PM to 8:00 PM	MTT/AP ED/CAS	Automotive Radar – A Signal Processing Perspective on Current	Dr. Markus Gardill
Location:	NJIT - ECE 202, 161 Warren Street, Newark, NJ 07102			Getting to NJIT
Contact:	Ajay Poddar Edip Niver Durga Misra Anisha Apte	akpoddar@ieee.org edip.niver@njit.edu dmsira@ieee.org anisha_apte@ieee.org		

• **IEEE NORTH JERSEY SECTION – Short Courses**

Feb 24 – Apr 7	9:00 AM to 12:00 PM	IEEE North Jersey Section, Education Committee	Data Science with Python	Manan Shah
Location:	FDU Metropolitan Campus, 960, River Rd, Teaneck, NJ 07666,			Getting to FDU
Contact:	Manan Shah	MananShah@ThinkPlanDoLLC.com		

Mar 10 - Apr 28	9:00 AM to 12:00 NOON	Education Committee / NJIT	Big Data Market Research in Seven Saturdays Seven weekly classes (March 10, 24, 31, April 7, 14, 21, 28, 2018)	Donald Hsu
Location:	NJIT - ECE 202, 161 Warren Street, Newark, NJ 07102			Getting to NJIT
Contact:	Donald Hsu	yanyou@hotmail.com		

Mar 10 - Apr 28	12:00 PM to 3:00 PM	Education Committee / NJIT	Project Risk Management in Seven Saturdays Seven weekly classes (March 10, 24, 31, April 7, 14, 21, 28, 2018)	Donald Hsu
Location:	NJIT - ECE 202, 161 Warren Street, Newark, NJ 07102			Getting to NJIT
Contact:	Donald Hsu	yanyou@hotmail.com		

April 14	9:00 AM to 12:00 PM	IEEE North Jersey Section	Artificial Neural Networks with Python	Manan Shah
Location:	FDU Metropolitan Campus, 960, River Rd, Teaneck, NJ 07666,			Getting to FDU Metropolitatan Campus
Contact:	Manan Shah	MananShah@ThinkPlanDoLLC.com		

IEEE – IMPORTANT EVENTS, ARTICLES, ANNOUNCEMENTS AND REMINDERS:

- [This Month's Communications Society News from Around the World](#)
- ["Be an Engineer" - An article by Harry Roman](#)
- **The 2017 IEEE Harry Diamond Memorial Award** is presented to **Mr. Paul Manz** for outstanding contributions and exceptional technical leadership in the development, engineering, and transition of enabling electrotechnologies required for combat overmatch critical to the National Defense.

About the Harry Diamond Memorial Award - Mr. Harry Diamond was born in Russia on 12

February 1900, and immigrated to the United States as a child. Mr. Diamond enlisted in the United States Army on 14 October 1918, and was honorably discharged on 9 December 1918. He graduated from Massachusetts Institute of Technology in 1922 and completed graduate work at Lehigh University in electrical engineering. He joined the National Bureau of Standards in 1927 and became Chief of the Electronics Division. Later, as Chief of the Ordnance Development Division he was assigned the task of supervising the development of proximity fuzes for nonrotating projectiles such as bombs, rockets, and mortars. It was calculated that a fuze which would explode a projectile near a plane or at some height above a target on the surface would increase lethality. Mr. Diamond, through his vast knowledge in the field of electronics, contributed greatly to the fundamental concept and design of proximity fuzes. He held 16 patents for electronics-related inventions. The Ordnance Development Division was transferred to the U.S. Army in 1953 and renamed the Diamond Ordnance Fuze Laboratories in honor of Mr. Diamond. It has since been renamed the Harry Diamond Laboratories. Mr. Diamond died in 1948.

For up to date information, visit our website: [IEEE North Jersey Section](#). 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/> Prior registration is encouraged and appreciated.