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

Advancing Technology for Humanity

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FEBRUARY 2018

Calendar of Events

6:00 PM to 9:00 PM	IEEE North Jersey Section	IEEE North Jersey Section EXCOM meeting - Murray Hill, NJ	Kalyan Mondal	
Nokia-Bell Labs, Room 6	Getting to Nokia Bell Labs - Murray			
Kalyan Mondal		k.mondal@ieee.org	Hill	
			Kalyan Mondal	
			Getting to Clifton Memorial Library	
Richard Tax Russell Pepe		rtax@verizon.net		
-				
9:00 AM to 2:00 PM	PES/IES/LM	Arc Flash & Training – Triad	Philip M. Grenci Robert C. Corson	
4000 Hadley Road, South Plainfield, NJ 07080			Getting to PSE&G	
Ken Oexle		koexle@ieee.org	South Plainfield	
6.00 DM to 8.00 DM	MTT/AP	QoS and Design Challenges in Wireless Sensor	Vivek Deshpande	
0:00 F WI to 0:00 F WI	ED/CAS	Communications Networks	vivek Desupande	
NJIT - ECE 202, 161 Warren Street, Newark, NJ 07102				
Ajay Poddar Edip Niver Durga Misra Anisha Apte		akpoddar@ieee.org edip.niver@njit.edu dmisra@ieee.org anisha_apte@ieee.org	Getting to NJIT	
	IEEE North	IFFE North Jersey Section FXCOM meeting -		
6:00 PM to 9:00 PM	Jersey Section	Clifton, NJ	Kalyan Mondal	
Activity Room, Clifton Memorial Library, 292 Piaget Ave, Clifton, NJ 07011,T: (973) 340 2877)			Getting toClifton	
Kalyan Mondal		k.mondal@ieee.org	Memorial Library	
2:00 PM to 4:00 PM	PES/IES/LM	Ethics	Dr. Joseph A. Dasaro	
4000 Hadley Road, South Plainfield, NJ 07080			Getting to PSE&G	
Ken Oexle		koexle@ieee.org	South Plainfield	
9:00 AM to 9:00 PM	PES/IES/LM	Total Power System Integration	Robert MacFadyen	
			Getting to PSE&G	
Ken Oexle	Octaining to T DEc		South Plainfield	
	Nokia-Bell Labs, Room 6 Kalyan Mondal 6:30 PM to 8:45 PM Clifton Memorial Library, Richard Tax Russell Pepe 9:00 AM to 2:00 PM 4000 Hadley Road, South Ken Oexle 6:00 PM to 8:00 PM NJIT - ECE 202, 161 War Ajay Poddar Edip Niver Durga Misra Anisha Apte 6:00 PM to 9:00 PM Activity Room, Clifton M Kalyan Mondal 2:00 PM to 4:00 PM 4000 Hadley Road, South Ken Oexle 9:00 AM to 9:00 PM	Jersey SectionNokia-Bell Labs, Room 6B-230, 600, MourKalyan Mondal5:30 PM to 8:45 PMPACEClifton Memorial Library.292, Piaget Ave,Richard Tax Russell PepePES/IES/LM9:00 AM to 2:00 PMPES/IES/LM4000 Hadley Road, SouthPlainfield, NJ 070Ken OexleMTT/AP ED/CAS5:00 PM to 8:00 PMMTT/AP ED/CASNJIT - ECE 202, 161 Warren Street, NewarAjay Poddar Edip Niver Durga Misra Anisha ApteIEEE North Jersey Section5:00 PM to 9:00 PMIEEE North Jersey SectionActivity Room, Clifton Memorial Library, 2 Kalyan MondalPES/IES/LM2:00 PM to 4:00 PMPES/IES/LM4000 Hadley Road, South Plainfield, NJ 070Ken OexlePES/IES/LM4000 Hadley Road, South Plainfield, NJ 070Ken OexlePES/IES/LM	Series Section Murray Hill, NJ Vokia-Bell Labs, Room 6B-230, 600, Mourtain Avenue, Murray Hill, NJ 07974, Kalyan Mondal k.mondal@ieee.org 5:30 PM to 8:45 PM PACE Engineers Meet Cliffon Memorial Library, 292, Piaget Ave, Cliffon, NJ 07011, Richard Tax Russell Pepe rtax@verizon.net P:00 AM to 2:00 PM PES/IES/LM Arc Flash & Training – Triad 000 Hadley Road, South Plainfield, NJ 07080 Keexle@ieee.org 6:00 PM to 8:00 PM MTT/AP ED/CAS QoS and Design Challenges in Wireless Sensor Communications Networks NUIT - ECE 202, 161 Warrer Street, Newark NJ 07102 Ajay Poddar akpoddar@iece.org Sido PM to 9:00 PM IEEE North Jarsey Section IEEE North Jarsey Section EXCOM meeting - Cliffon, NJ Activity Room, Clifton Twrorial Library, 292 Piaget Ave, Clifton, NJ 07011, T: (973) 340 2877) Kalyan Mondal k.mondal@ieee.org 2:00 PM to 4:00 PM PES/IES/LM Ethics 4:000 Hadley Road, South Plainfield, NJ 07080 Keoxle@ieee.org 2:00 PM to 4:00 PM PES/IES/LM Ethics 4:000 Hadley Road, South Plainfield, NJ 07080 Keoxle@ieee.org 2:00 PM to 4:00 PM <t< th=""></t<>	





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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			
Contact:	Ajay Poddar Edip Niver Durga Misra Anisha Apte		akpoddar@ieee.org edip.niver@njit.edu dmisra@ieee.org anisha_apte@ieee.org	Getting to NJIT

• IEEE NORTH JERSEY SECTION – Short Courses

Feb 24 – Apr 7	9:00 AM to 12:00 PM	IEEE North Jers Section, Educati Committee	•	Manan Shah		
Location:	FDU Metropolitan Camp	Getting to FDU				
Contact:	Manan Shah		MananShah@ThinkPlanDoLLC.com	Octuning to FDO		
		Education	Big Data Market Research in Seven Saturdays			
Mar 10 - Apr 28	9:00 AM to 12:00 NOON	Committee / NJIT	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					
Contact:	Donald Hsu		yanyou@hotmail.com	Getting to NJIT		
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					
Contact:	Donald Hsu		yanyou@hotmail.com	Getting to NJIT		
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		
Contact:	Manan Shah		MananShah@ThinkPlanDoLLC.com	Metropoliatan Campus		





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



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.





