



THE IEEE NORTH JERSEY SECTION NEWSLETTER

Vol. 64, No. 6

JUNE-JULY 2018

Calendar of Events

June 6	11:00 AM to 3:30 PM	MTT/AP-S	Workshop: Frequency Generation Techniques	Dr. Ulrich L. Rohde
Location:	201, McLean Boulevard, Paterson, NJ 07504			Getting to Synergy Microwave Corp
Contact:	Ajay Poddar	akpoddar@ieee.org	Anisha Apte	
June 6	6:00 PM to 9:00 PM	IEEE North Jersey Section	IEEE North Jersey Section EXCOM meeting - Clifton, NJ	Kalyan Mondal
Location:	Clifton Memorial Library, Activity Room, 44, Lyall Road, Clifton, NJ 07012			Getting to Clifton Memorial Library
Contact:	Kalyan Mondal		k.mondal@ieee.org	
June 13	6:15 PM to 9:00 PM	PACE	IEEE North Jersey Section PACE Meeting: Contract Engineering Especially for Engineers Students & STEM Professionals	Richard Tax Russell Pepe
Location:	Clifton Memorial Library, 292, Piaget Ave, Clifton, NJ 07011 Ph. +1 (973) 772-5500			Getting to Clifton Memorial Library
Contact:	Richard Tax	rtax@verizon.net	Russell Pepe	
June 14	6:30 PM to 8:30 PM	CNNNJ	How to Sell Early Stage Technology	Mr. Montemarano
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	
June 16	10:30 AM to 12:30 PM	IEEE North Jersey Section	Programming, Deep Learning, and AI: STEM Career Bootcamp for High School and College Students (and Parents)	Prof. Yu-Dong Yao
Location:	Babbio Center, Room 319, Stevens Institute of Technology, Hoboken, NJ 07030			Getting to Stevens Institute of Technology
Contact:	Prof. Yu-Dong Yao	Yu-Dong.Yao@stevens.edu	Prof. Dov Kruger	
June 19	6:30 PM to 7:30 PM	MTT/AP ED/CAS	Energy Efficient Future Wireless Communications	Prof. Nuno Borges Carvalho
Location:	NJIT - ECE 202, 161 Warren Street, Newark, NJ 07102			Getting to NJIT
Contact:	Ajay Poddar	akpoddar@ieee.org	Edip Niver	
	Anisha Apte	anisha_apte@ieee.org	Durga Misra	dmisra@ieee.org

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June 20	5:00 PM to 6:30 PM	MTT/AP ED/CAS	Materials, Processes and Device Architecture for High Performance, Sub- thermionic (Sub-60 mV/dec) 2D FETs	Dr. Shubhadeep Bhattacharjee
Location:	NJIT - ECE 202, 161 Warren Street, Newark, NJ 07102			Getting to NJIT
Contact:	Ajay Poddar Anisha Apte	akpoddar@ieee.org anisha_apte@ieee.org	Edip Niver Durga Misra	
June 20	6:00 PM to 7:30 PM	MTT/AP ED/CAS	Energy Efficient Future Wireless Communications	Prof. Nuno Borges Carvalho
Location:	Rutgers Univ. Busch Campus - 240, Electrical Engineering Bldg. 94 Brett Road, Piscataway, NJ 08854			Getting to RU Busch Campus
Contact:	Ajay Poddar Anisha Apte	akpoddar@ieee.org anisha_apte@ieee.org	Edip Niver Durga Misra	
July 19	4:45 PM to 6:30 PM	MTT/AP ED/CAS	Recent Advances in Material Dynamics and Crash Diagnostics Research at the Fraunhofer EMI	Dr. Michael Dlugosch
Location:	NJIT - ECE 202, 161 Warren Street, Newark, NJ 07102			Getting to NJIT
Contact:	Ajay Poddar Anisha Apte	akpoddar@ieee.org anisha_apte@ieee.org	Edip Niver Durga Misra	
Aug 1	6:00 PM to 8:45 PM	IEEE North Jersey Section	IEEE North Jersey Section EXCOM meeting - Murray Hill, NJ	Kalyan Mondal
Location:	Nokia-Bell Labs, Room 6A-106, 600, Mountain Avenue, Murray Hill, NJ 07974,			Getting to Nokia Bell Labs - Murray Hill
Contact:	Kalyan Mondal		k.mondal@ieee.org	
• IEEE NORTH JERSEY SECTION – Short Courses				
June 23 - Aug 11	12:00 PM to 3:00 PM	Education Committee / NJIT	Big Data Market Research in Seven Saturdays Seven weekly classes (June 23, 30, July 14, 21, 28, August 4, 11, 2018)	Donald Hsu
Location:	NJIT - ECE 202, 161 Warren Street, Newark, NJ 07102			Getting to NJIT
Contact:	Donald Hsu		yanyou@hotmail.com	
June 23 - Aug 11	9:00 AM to 12:00 NOON	Education Committee / NJIT	C#.Net Programming in Seven Saturdays Eight weekly classes (June 23, 30, July 14, 21, 28, August 4, 11, 2018)	Donald Hsu
Location:	NJIT - ECE 202, 161 Warren Street, Newark, NJ 07102			Getting to NJIT
Contact:	Donald Hsu		yanyou@hotmail.com	
June 27 - Aug 29	7:00 PM to 8:00 PM	Education Committee/Pre -University	IEEE Summer of Scratch program for elementary kids in grades K-4 - Seven weekly classes (June 27, July 11, 18, 25, August 8, 15, 22, 29, 2018)	Jyoti Sharma
Location:	Millburn, NJ			Millburn NJ
Contact:	Jyoti Sharma		drjyotibali@gmail.com	
Sept 29 – Nov 10	9:00 AM to 12:00 PM	Education Committee/ComSoc	Introduction to Python Programming	Amit Patel
Location:	FDU Metropolitan Campus, Becton Building, 960, River Rd, Teaneck, NJ 07666,			Getting to FDU Metropolitan Campus
Contact:	Amit Patel	a.j.patel@ieee.org	Kalyan Mondal	

IEEE – IMPORTANT EVENTS, ARTICLES, ANNOUNCEMENTS AND REMINDERS:

- **This Month's Communications Society News from Around the World**
- **"Memories of Jim Flanagan" - An article by Harry Roman**
- **15 September 2018 09:30 AM to 03:30 PM 2018 IEEE North Jersey Advanced Communications Symposium**
Stevens Institute of Technology, Babbio Center, 525 River Street, Hoboken, NJ 07030
Contact: Yu-Dong Yao, Symposium Chair, yyao@stevens.edu, Adriaan van Wijngaarden, Program Chair, avw@ieee.org



THE INSTITUTE OF ELECTRICAL AND ELECTRONIC ENGINEERS, INC.

IEEE

NORTH JERSEY SECTION

MTT-Society and AP-Society Joint Chapter

PRESENTS

33rd ANNUAL SYMPOSIUM AND MINI-SHOW

FOCUS:

**SELECTED TOPICS IN RF AND MICROWAVE TECHNOLOGIES FOR
COMMERCIAL AND MILITARY APPLICATIONS**

DATE: THURSDAY OCTOBER 4, 2018

PLACE: Hanover Manor, 16 Eagle Rock Ave., E. Hanover, NJ 07936. Ph#973-992-7425

SCHEDULE OF EVENTS

9:00 AM TO 4:30 PM

TECHNICAL SESSIONS

**10 –12 LECTURES FEATURING SPEAKERS FROM LEADING
COMPANIES, WITH EMPHASIS ON MILITARY ELECTRONICS,
WIRELESS TECHNOLOGIES AND MICROWAVE COMMUNICATIONS**

**MINI SHOW FEATURING LATEST PRODUCTS
(APPX. 30-40 EXHIBITORS)**

(COMPLIMENTARY LUNCH SERVED)

**Details of the schedule and speakers and the topics will be posted on the IEEE North Jersey
Section Home page <http://www.ieee.org/go/njsection> by September 2018.**

Registration:

For further information contact:

CHAIR - GENERAL-EXHIBITION
CHAIR - TECHNICAL PROGRAMS
PUBLICITY
EVENT/ LOCATION CO-ORDINATOR
CO-CHAIR-TECHNICAL PROGRAMS
APS/MTTS CHAPTER CHAIR
APS/MTTS CHAPTER VICE-CHAIR
SECTION CHAIR

KIRIT DIXIT (201-669-7599)
GEORGE KANNELL (973-261-421)
ARTHUR GREENBERG
KEN OEXLE
HAR DAYAL
Dr. AJAY PODDAR
Dr. EDIP NIVER
Prof. KALYAN MONDAL

kdixit@ieee.org
george.kannell@gd-ms.com
gardner1@optonline.net
k.oexle@verizon.net
dayalhar@gmail.com
akpoddar@synergymwave.com
edip.niver@njit.edu
mondal@fdu.edu

THERE IS NO CHARGE TO ATTEND THE SYMPOSIUM OR SHOW.

GENERAL DYNAMICS
Mission Systems

Engineering Career Fair



Date: Thursday, June 28th

Time: 2:00 to 7:00 PM

Location: Wyndham Hamilton Park Hotel
and Conference Center
175 Park Ave. Florham Park, NJ

Looking for a rewarding Engineering career? This is your opportunity to learn about exciting opportunities at our Florham Park, NJ location. We are actively seeking all levels of engineering candidates with experience in the following key disciplines or technologies:

- ☆ Electro-optic design, build and test
- ☆ Analog and Digital circuit Board design and test
- ☆ Digital signal processing algorithm development for coherent optical communications
- ☆ Subsea structural design
- ☆ System modeling, architecture and decomposition
- ☆ Integration and Test
- ☆ Mechanical design, build and test

Hiring managers will be conducting on-site interviews to discuss our exciting programs and career opportunities, so please bring a copy of your resume. **Must be able to obtain a national security clearance and US Citizenship is required.**

Sign-up, view and apply to positions online at:
gdmissionsystems.com/careers/Florham-Park

General Dynamics is an Equal Opportunity/Affirmative Action Employer that is committed to hiring a diverse and talented workforce. EOE/Disability/Veteran

For up to date information, visit our website: [IEEE North Jersey Section](http://www.ieee.org/northjersey). 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.