



THE IEEE NORTH JERSEY SECTION NEWSLETTER

Vol. 65, No. 7

AUGUST 2019

Calendar of Events

Wireless and Cellular Testing Workshop Series – EMC/PSE

Date: 11 July 2019 **Time:** 8:45 AM to 01:00 PM

Location: University of Phoenix, Classroom 101-102, 100 Town Square Place, Jersey City, NJ 07310

Contact: Russell C. Pepe

Speakers: Tektronix/EXFO/Test-force

GaN HEMT for High Power and High Frequency Electronics – ED/CAS, MTT/AP

Date: 25 July 2019 **Time:** 04:30 PM to 05:30 PM

Location: ECE 202, NJIT, 154 Summit Street, Newark, NJ 07102

Contact: Ajay K. Poddar: +1 201-560-3806, akpoddar@ieee.org, Durga Misra: +1-973-596-5739, dmisra@ieee.org,
Anisha Apte: anisha_apte@ieee.org, Edip Niver: edip.niver@njit.edu

Speaker: Dr. T.R. Lenka of National Institute of Technology, Silchar, India

IEEE North Jersey Section PACE meeting - Clifton, NJ – PACE

Date: 14 August 2019 **Time:** 06:30 PM to 10:00 PM

Location: Clifton Memorial Library, 292, Piaget Avenue, Clifton, NJ 07011

Contact: Russell Pepe - rcpepe@ieee.org

Speaker: Richard Tax - rtax@verizon.net

Security in SDN/NFV and 5G Networks - Opportunities and Challenges – Photonics, Robotics & Automation Society

Date: 21 August 2019 **Time:** 04:30 PM to 06:30 PM

Location: Nokia Bell Laboratories, Room: 6A-209, 600 Mountain Ave, Murray Hill, NJ 07974

Contact: Naresh Chand nchand@ieee.org, Adriaan J. van Wijngaarden - avw@ieee.org

Speaker: Dr. Ashutosh Dutta of Johns Hopkins University/Applied Physics Lab

Advances and Prevention in Cardiovascular Disease: Novel Technologies for Treatment, and How to Avoid Needing Them - Photonics, Robotics & Automation Society

Date: 28 August 2019 **Time:** 04:30 PM to 06:30 PM

Location: Nokia Bell Laboratories, Room: 6A-209, 600 Mountain Ave, Murray Hill, NJ 07974

Contact: Naresh Chand nchand@ieee.org, Adriaan J. van Wijngaarden - avw@ieee.org

Speaker: Dr. Sanket Dhruva

Exploring the Power of Pervasive Sensing for IoT Security and Smart Healthcare – SP/CS

Date: 5 Sept 2019 **Time:** 03:00 PM to 04:00 PM

Location: Auditorium, M105, Muscarelle Center, 1000 River Road, Fairleigh Dickinson University, Teaneck, NJ 07666

Contact: Hong Zhao (201)-692-2350, zhao@fdu.edu; Alfredo Tan, tan@fdu.edu, Howard Leach h.leach@ieee.org

Speaker: Dr. Yingying (Jennifer) Chen of Rutgers University

Small Business Insights – C>NNNJ Meeting

Date: 12 September 2019 **Time:** 06:30 PM to 08:30 PM

Location: Morris County Library, 30 East Hanover Avenue, Whippany, NJ 07981

Contact: Robert Walker at (973) 728-0344 or robert@rdwalker.com

Speaker: Lorette Pruden, PhD

Life Member and PES/IAS Luncheon - Congress and President Trump – PE/IA/Life Members

Date: 10 October 2019 **Time:** 12:00 PM to 04:00 PM

Location: 16, Eagle Rock Avenue, East Hanover, NJ 07936

Contact: Mike Miller - millerm@ieee.org

Speaker: Russel T. Harrison (IEEE-USA's director of Government Relations)

IEEE NORTH JERSEY SECTION – Short Courses**IEEE North Jersey Section Course: Introduction To Python Programming (In Seven Saturdays) ComSoc/Education Committee****Date:** 14 September 2019 **Time:** 9:00 AM to 12:00 PM (7 Saturdays, Sept 14, 28, Oct, 5, 12, 19, 26, Nov 2, 2019)**Location:** FDU Metropolitan Campus, Becton Building, 960, River Rd, Teaneck, NJ 07666**COST:** Fees Apply – Check online for discounts and CEUs.**Contact:** Amit Patel - a.j.patel@ieee.org (ComSoc Chair), Kalyan Mondal – k.mondal@ieee.org (Education Chair)**Big Data Market Research in Seven Saturdays** (Instructor: Donald Hsu) - **Education Committee****Date:** 05 October 2019 **Time:** 09:00 AM to 12:00 PM (7 Saturdays, Oct 5, 12, 19, 26, Nov 2, 9, 16, 2019)**Location:** New Jersey Institute Technology, Newark, NJ**COST:** IEEE (& affiliate) members \$500; Non-IEEE members \$550.**Contact:** Donald Hsu - yanyou@hotmail.com**Project Risk Management in Seven Saturdays** (Instructor: Donald Hsu) - **Education Committee****Date:** 05 October 2019 **Time:** 12:00 PM to 3:00 PM (7 Saturdays, Oct 5, 12, 19, 26, Nov 2, 9, 16, 2019)**Location:** New Jersey Institute Technology, Newark, NJ**COST:** IEEE (& affiliate) members \$500; Non-IEEE members \$550.**Contact:** Donald Hsu: yanyou@hotmail.com**IEEE – IMPORTANT EVENTS, ARTICLES, ANNOUNCEMENTS AND REMINDERS:**

- **7th Annual IEEE North Jersey Advanced Communications Symposium (NJACS-2019)**

Date: 14 September 2019 **Time:** 09:30 AM to 03:30 PM**Location:** Babbio Center, Stevens Institute of Technology, 525 River Street, Hoboken, NJ 07030**Contact:** Yu-Dong Yao, Program Chair, yyao@stevens.edu,
Adriaan van Wijngaarden, Symposium Chair, avw@ieee.org

- **This Month's Communications Society News from Around the World**
- **"Write Technical Papers" - An article by Harry Roman**

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.



THE INSTITUTE OF ELECTRICAL AND ELECTRONIC ENGINEERS, INC.

IEEENORTH JERSEY SECTION

MTT-Society and AP-Society Joint Chapter
PRESENTS

34th ANNUAL SYMPOSIUM AND MINI-SHOW

FOCUS:

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

DATE: THURSDAY OCTOBER 3, 2019

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: KIRIT DIXIT (201-669-7599), kdixit@ieee.org

CHAIR -TECHNICAL PROGRAMS: GEORGE KANNELL (973-261-1421), george.kannell@gd-ms.com

PUBLICITY: ARTHUR GREENBERG gardner1@optonline.net

EVENT/ LOCATION CO-ORDINATOR: KEN OEXLE k.oexle@verizon.net

CO-CHAIR– TECHNICAL PROGRAMS: HAR DAYAL dayalhar@gmail.com

APS/MTTS CHAPTER CHAIR: Dr. AJAY PODDAR, akpoddar@synergymwave.com

APS/MTTS CHAPTER VICE-CHAIR: Dr. EDIP NIVER, edip.niver@njit.edu

SECTION CHAIR: Dr. YU-DONG YAO, yyao@stevens.edu

THERE IS NO CHARGE TO ATTEND THE SYMPOSIUM OR SHOW