



# THE IEEE NORTH JERSEY SECTION NEWSLETTER

Vol. 65, No. 5

MAY 2019

## Calendar of Events

### Antenna Design Techniques: 5G, IoT, and Monitoring Radios Applications – MTT/AP, SP/CS

**Date:** 30 April 2019 **Time:** 02:00 PM to 03:00 PM

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

**Contact:** Hong Zhao (201)-692-2350, zhao@fdu.edu, Ajay K. Poddar: +1 201-560-3806, akpoddar@ieee.org

**Speaker:** Prof. Dr.-Ing. habil. Dr. h.c. mult. Ulrich L.Rohde

### 5G Enhanced Mobile Broadband Radio interface on mmWave – Hardware Architecture and role of Silicon Technologies – ED/CAS, MTT/AP, and WiE

**Date:** 1 May 2019 **Time:** 06:00 PM to 07:30 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. Anirban Bandyopadhyay, GLOBALFOUNDRIES, Inc., USA

### IEEE North Jersey Section Awards Banquet

**Date:** 5 May 2019 **Time:** 03:00 PM to 06:00 PM

**Location:** Birchwood Manor, 111 North Jefferson Road, Whippany NJ 07981

**Contact:** Yu-dong Yao - yyao@stevens.edu

### IEEE Publications - 2019 Challenges and opportunities - ED/CAS, MTT/AP, and WiE

**Date:** 8 May 2019 **Time:** 06:00 PM to 07:30 PM

**Location:** ECE 202, 161 Warren Street, New Jersey Institute Technology, 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:** Prof. Hulya Kirkici

### IEEE Publications - 2019 Challenges and opportunities - MTT/AP, SP/CS

**Date:** 9 May 2019 **Time:** 12:00 PM to 01:00 PM

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

**Contact:** Ajay K. Poddar: +1 201-560-3806, akpoddar@ieee.org, Hong Zhao (201)-692-2350, zhao@fdu.edu

**Speaker:** Prof. Hulya Kirkici

### Understanding Motors for Drones and Servos – IEEE CNNNJ Meeting

**Date:** 16 May 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:** Steven Garfinkel (Ellipsah, LLC)

### Power System Analytic Solutions - PES / IAS / LM Joint Meeting

**Date:** 17 May 2019 **Time:** 09:00 AM to 02:00 PM

**Location:** PSE&G - Hadley Road Facility, Auditorium, 4000 Hadley Road, South Plainfield, NJ 07080

**Contact:** Ronald Quade - RWQuade@ieee.org, Ken Oexle k.oexle@ieee.org

**Speaker:** Gregory Wolfe - President and CEO of Fischer Block, Inc.,

**Electronic Warfare in Space** – AES/AP/MTT Joint Meeting**Date:** 12 June 2019 **Time:** 10:30 AM to 03:00 PM**Location:** CACI LGS Labs, Pioneer Room, 15 Vreeland Road, Florham Park, NJ 07932**Contact:** Paul Gomolinski [paul.gomolinski@rsa.rohde-schwarz.com](mailto:paul.gomolinski@rsa.rohde-schwarz.com), Kirit Dixit [kdixit@ieee.org](mailto:kdixit@ieee.org),  
Myles Murphy [mmurphy@lgsinnovations.com](mailto:mmurphy@lgsinnovations.com)**Speaker:** Dave Adamy**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](mailto:zhao@fdu.edu); Alfredo Tan, [tan@fdu.edu](mailto:tan@fdu.edu), Howard Leach [h.leach@ieee.org](mailto:h.leach@ieee.org)**Speaker:** Dr. Yingying (Jennifer) Chen of Rutgers University**IEEE NORTH JERSEY SECTION – Short Courses****C# .NET Programming Seven Saturdays** (Instructor: Donald Hsu) - Education Committee**Date:** 06 July 2019 **Time:** 09:00 AM to 12:00 PM (7 Saturdays, July 6, 13, 20, 27, August 3, 10, 17, 2019)**Location:** New Jersey Institute Technology, Newark, NJ**COST:** IEEE (& affiliate) members \$500; Non-IEEE members \$550.**Contact:** Donald Hsu: [yanyou@hotmail.com](mailto:yanyou@hotmail.com)**Big Data Market Research in Seven Saturdays** (Instructor: Donald Hsu) - Education Committee**Date:** 06 July 2019 **Time:** 12:00 PM to 3:00 PM (7 Saturdays, July 6, 13, 20, 27, August 3, 10, 17, 2019)**Location:** New Jersey Institute Technology, Newark, NJ**COST:** IEEE (& affiliate) members \$500; Non-IEEE members \$550.**Contact:** Donald Hsu - [yanyou@hotmail.com](mailto:yanyou@hotmail.com)**IEEE – IMPORTANT EVENTS, ARTICLES, ANNOUNCEMENTS AND REMINDERS:**

- **This Month's Communications Society News from Around the World**
- **"Learning About Engineering" - 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.