



THE IEEE NORTH JERSEY SECTION NEWSLETTER

VOL. 66, NO. 10

OCTOBER 2020

Calendar of Events

Defect Detection for Advanced Wafer and Package level devices using Scanning Acoustic Microscopy – IM

Date: 16 September 2020 **Time:** 01:00 PM to 02:00 PM (Eastern Daylight time)

Location: 1719 Route 10, Parsippany, NJ 07054

Contact: Russell Pepe: rcpepe@ieee.org

Speaker: James of Sonix

Electrical Equipment Testing Series - Transformer Routine Field Testing – PES / IAS / LM Joint Meeting

Date: 25 September 2020 **Time:** 09:00 AM to 11:00 AM (Eastern Daylight time)

Location: <https://global.gotomeeting.com/join/236176469>

Contact: Ronald Quade: rwquade@ieee.org

Speaker: Joseph R. Brown, P.E. of Doble Engineering

NCSU Rabbit Radar: Design, Simulation & Building your own Frequency Modulated Continuous Wave Radar at Home – Co-sponsors: MTT/AP, ED/CAS, VTS

Date: 29 September 2020 **Time:** 12:00 PM to 01:00 PM (Eastern Daylight time)

Location: [Registration Link](#)

Contact: Ajay K. Poddar: akpoddar@ieee.org, Prof. Durga Misra: dmsira@njit.edu, Anisha Apte: anisha_apte@ieee.org,

Speakers: David Ricketts of North Carolina State University

IEEE North Jersey Section EXCOM meeting - October 2020-Online (Zoom)

Date: 7 October 2020 **Time:** 07:00 PM to 08:45 PM

Location: Join Zoom Meeting <https://us02web.zoom.us/j/89067811667> Meeting ID: 890 6781 1667

Contact: Yu-dong Yao - yyao@stevens.edu, Hong Zhao (201)-692-2350, zhao@fdu.edu

Electrical Equipment Testing Series - Electrical Equipment Condition Monitoring – PES / IAS / LM Joint Meeting

Date: 9 October 2020 **Time:** 09:00 AM to 11:00 AM (Eastern Daylight time)

Location: <https://global.gotomeeting.com/join/709525541>

Contact: Ronald Quade: rwquade@ieee.org

Speaker: Catalin Bilan of Doble Engineering

Low Phase Noise Signal Generation Utilizing Oscillators, Resonators & Filters & Atomic Clocks - MTT/AP, ED/CAS,

Date: 13 October 2020 **Time:** 12:00 PM to 01:00 PM (Eastern Daylight time)

Location: [Registration Link](#)

Contact: Ajay K. Poddar: akpoddar@ieee.org, Anisha Apte: anisha_apte@ieee.org,

Prof. Durga Misra: dmsira@njit.edu, Prof. Edip Niver: edip.niver@njit.edu

Speakers: Dr. Jeremy Everard of University of York, United Kingdom

Optical Access Technologies for 5G Network Fronthaul – Co-sponsors: SP/CS,

Date: 14 October 2020 **Time:** 02:00 PM to 03:00 PM (Eastern Daylight time)

Location: <https://us02web.zoom.us/j/86048150132>

Contact: Hong Zhao: zhao@fdu.edu Alfredo Tan: tan@fdu.edu, Howard Leach h.leach@ieee.org

Speakers: Dr. Yuanqiu Luo of Futurewei Technologies

BrilliantSe – Development and applications of the world’s highest spatial resolution direct conversion X-ray detector –**Co-sponsors:** ED/CAS, MTT/AP, Photonics**Date:** 14 October 2020 **Time:** 05:00 PM to 06:30 PM (Eastern Daylight time)**Location:** <https://us02web.zoom.us/j/86048150132>**Contact:** Ajay K. Poddar: akpoddar@ieee.org, Anisha Apte: anisha_apte@ieee.org, Naresh Chand: chandnaresh@gmail.com
Prof. Durga Misra: dmisra@njit.edu, Prof. Edip Niver: edip.niver@njit.edu**Speakers:** Prof. Karim Karim, University of Waterloo, Ontario, CANADA**50 – 250 GHz Power Amplifier MMICs – Design, Status, and Opportunities using a 250-nm InP HBT Technology –****Co-sponsors:** MTT/AP, ED/CAS,**Date:** 27 October 2020 **Time:** 12:00 PM to 01:00 PM (Eastern Daylight time)**Location:** [Registration Link for Virtual Event](#)**Contact:** Ajay K. Poddar: akpoddar@ieee.org, Anisha Apte: anisha_apte@ieee.org, Prof. Edip Niver: edip.niver@njit.edu
Prof. Durga Misra: dmisra@njit.edu,**Speakers:** Dr. Zach Griffith**Electrical Equipment Testing Series - Condition Assessment Through Oil Testing – PES / IAS / LM Joint Meeting****Date:** 6 November 2020 **Time:** 09:00 AM to 11:00 AM (Eastern Daylight time)**Location:** <https://global.gotomeeting.com/join/987790741>**Contact:** Ronald Quade: rwquade@ieee.org**Speaker:** David Koehler of Doble Engineering**SHORT COURSES AND SYMPOSIUM:****C# .NET Programming** (Instructor: Donald Hsu) - Education Committee/ED/CAS, AP/MTT**Date:** 10 Oct - 14 Nov 2020 **Time:** 09:00 AM to 12:00 PM (7 Saturdays October 10, 17, 24, 31, November 7, 14, 21, 2020)**Location:** Online via Zoom (**Please contact Prof. Hsu for details**)**COST:** IEEE (& affiliate) members \$500; Non-IEEE members \$550.**Contact:** Donald Hsu - yanyou@hotmail.com**Big Data Market Research** (Instructor: Donald Hsu) - Education Committee/ED/CAS, AP/MTT**Date:** 10 Oct - 14 Nov 2020 **Time:** 12:00 PM to 03:00 PM (7 Saturdays October 10, 17, 24, 31, November 7, 14, 21, 2020)**Location:** Online via Zoom (**Please contact Prof. Hsu for details**)**COST:** IEEE (& affiliate) members \$500; Non-IEEE members \$550.**Contact:** Donald Hsu - yanyou@hotmail.com**IEEE – IMPORTANT EVENTS, ARTICLES, ANNOUNCEMENTS AND REMINDERS:**

- **Call for Nominations: 2021-2022 IEEE North Jersey Section Executive Committee Officers**
- **[This Month's Communications Society News from Around the World](#)**
- **[“Some Ramifications of Working at Home”](#) - An article by Harry Roman**
- **[IEEE WIE ILC 2020 Virtual Series](#)**

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: https://webinabox.vtools.ieee.org/wibp_officers/index/R10327 Prior registration is encouraged and