



THE IEEE NORTH JERSEY SECTION NEWSLETTER

VOL. 66, NO. 11

NOVEMBER 2020

Nominations – Officer Slate

2021-2022 IEEE North Jersey Section Executive Committee Officers

The IEEE North Jersey Section is managed by an Executive Committee (ExCom) consisting of Elected Officers, the Section's Chapter and Affinity Group Chairs, Student representatives, appointed Committee Chairs, and the Junior and Senior Past-Chairs. The Section Chair chairs the Section's organizational meetings and represents the Section as a voting member in the IEEE Region 1 Board of Governor meetings. The Vice-Chairs assist the Chair in the coordination of all Section activities, and chair Section meetings at the request of the Chair or in the absence of the Chair. The duties of the Secretary include correspondence, and record-keeping of the Section's meeting minutes, mailing notices and the submission of the meeting and officer reports. The duties of the Treasurer include the development of a Section budget for approval by the Section, accounting of all Section funds, maintenance of the Section's financial records, and the submission of the Section's financial operations report to IEEE Headquarters. The duties of the three Members-at-Large include the support of the Section's operations, assistance of the Chair, Secretary, and Treasurer, the organization of Section activities and the assessment of project proposals.

In response to the monthly Calls for Nominations as of July 2020, the IEEE North Jersey Section Nomination Committee has received nominations for the Section's Elected Section Officer positions for the 2021-2022 term and has determined the following slate of officers:

Chair	Ajay K. Poddar
First Vice-Chair	Hong Zhao
Second Vice-Chair	Emad Farag
Secretary	Adriaan J. van Wijngaarden
Treasurer	Avimanyou Vatsa
Member-at-Large	Har Dayal
Member-at-Large	Kirit Dixit
Member-at-Large	Anisha Apte

In addition to the candidates nominated by the Section Nominating Committee, individual voting members eligible to vote in such election may nominate candidates by petition. In accordance with IEEE Bylaw I-307.17, the number of signatures required on a petition shall be determined as follows. For all positions where the electorate is less than 30,000 voting members, signatures shall be required from 2% of the eligible voters. The petition shall be completed by Nov. 20, 2020. Please feel free to contact Prof. Durga Misra, IEEE North Jersey Nomination Committee Chair (dmisra@njit.edu), if you have any questions.

Calendar of Events

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

Date: 4 November 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

Energy-Efficient Task Offloading Using Hybrid Particle Swarm Optimization with Genetic Operations in Smart Edge – SMC

Date: 5 November 2020 **Time:** 09:00 PM to 10:00 PM (Eastern Daylight time)

Location: <https://njit.webex.com/join/zhou>

Contact: Mengchu Zhou zhou@njit.edu

Speaker: Haitao Yuan, Associate Professor, School of Automation Science and Electrical Engineering

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**State-of-the-Art Automotive Radar System Architectures - and What Else We Can Do with Them – MTT DML Talk****Co-sponsored by North Jersey MTT/AP & ED/CAS Chapters****Location:** [Registration Link](#)**Date:** 10 November 2020 **Time:** 12:00 PM to 01:00 PM (Eastern Daylight time)**Contact:** Ajay K. Poddar: akpoddar@ieee.org, Anisha Apte: anisha_apte@ieee.org,
Prof. Durga Misra: dmisra@njit.edu, Prof. Edip Niver: edip.niver@njit.edu**Speaker:** Dr. Markus Gardill of University of Würzburg**Artificial Intelligence and Hardware Security – Co-sponsors: SP/CS****Date:** 11 November 2020 **Time:** 02:00 PM to 03:00 PM (Eastern Daylight time)**Location:** <https://fdu.zoom.us/j/97888412349>**Contact:** Hong Zhao: zhao@fdu.edu Alfredo Tan: tan@fdu.edu, Howard Leach h.leach@ieee.org**Speaker:** Dr. Yier Jin of University of Florida**World's first portable dual energy X-ray detector for the screening and monitoring of COVID-19 pulmonary disease****Co-sponsors: ED/CAS, MTT/AP, Photonics, EMB****Date:** 17 November 2020 **Time:** 05:00 PM to 06:30 PM (Eastern Daylight time)**Location:** <https://us02web.zoom.us/j/9514547039> [Registration link](#)**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, Har Dayal: dayalhar@gmail.com**Speaker:** Prof. Karim Karim, University of Waterloo, Ontario, CANADA**Open Source Hardware: An Intellectual Property Option – C>NNNJ Meeting****Date:** 19 November 2020 **Time:** 06:30 PM to 08:30 PM**Location:** [Registration Link](#) Register to receive meeting link by email**Contact:** Robert Walker at (973) 728-0344 or robert@rdwalker.com**Speaker:** Alicia Gibb, Atlas BTU Lab**Analog Photonic Systems: Features & Techniques to Optimize Performance – MTT DML Talk Co-sponsored by North Jersey MTT/AP & ED/CAS Chapters****Location:** [Registration Link](#) Global Access-Facebook Live Video Presentation**Date:** 8 December 2020 **Time:** 12:00 PM to 01:00 PM (Eastern Daylight time)**Contact:** Ajay K. Poddar: akpoddar@ieee.org, Anisha Apte: anisha_apte@ieee.org,
Prof. Durga Misra: dmisra@njit.edu, Prof. Edip Niver: edip.niver@njit.edu**Speaker:** Dr. Edward Ackerman of Photonic Systems, INC.**Terahertz Communications at 300 GHz: Devices, Packages and System – MTT Webinar Co-sponsored by North Jersey MTT/AP & ED/CAS Chapters****Location:** [Registration Link](#) Global Access-Facebook Live Video Presentation**Date:** 12 January 2021 **Time:** 12:00 PM to 01:00 PM (Eastern Daylight time)**Contact:** Ajay K. Poddar: akpoddar@ieee.org, Anisha Apte: anisha_apte@ieee.org,
Prof. Durga Misra: dmisra@njit.edu, Prof. Edip Niver: edip.niver@njit.edu**Speaker:** Dr. Ho-Jin Song of Nippon Telegraph and Telephone, NTT, USA**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](#)**
- **“Our IEEE World” - An article by Harry Roman**
- **[IEEE WIE ILC 2020 Virtual Series](#)**

IEEE – LINKS TO VIRTUAL PAST EVENTS, AND ANNOUNCEMENTS:**IEEE SIGHT Co-Sponsors Jaihind People's Global Movement:** <http://www.jai-hind.org.in/>
[Global Movement on Supporting Equality, Peace, Harmony & Progress](#)**Date:** 02 October 2020 **Time:** 07:00 PM to 09:30 PM (Indian Time); 9:30 AM -12:00 PM (New York Time) * (EDT)**Location:** Join Zoom Meeting: <https://us02web.zoom.us/j/7654099358> Meeting ID: 765 409 9358**Contact:** Dr. Ajay K. Poddar, Chair Adhoc on Strategic Partnership IEEE SIGHT Subcommittee, Email: akpoddar@ieee.org**Speakers:** Dr. Sam Pitroda, Entrepreneur, Development Thinker, Policy Maker

Dr. Frank Islam, Civic Leader, Entrepreneur and Philanthropist

Hon. Balasaheb Thorat, Cabinet Minister, Maharashtra, India

Hon. Sundeep Waslekar, President, Strategic Foresight Group

Hon. Claudia Crawford, Ex. Senator, Germany

Hon. Thomas Lankey, Mayor of Edison

Hon. Dr. Sudhir Tambe, Founder Jaihind People movement, MLC, Maharashtra

Hon. Dalia Lama delivers the message on Oct 02, 2020, emphasizing on suppressing negative emotion and follow non-violence. Video recorded message of Hon Dalai Lama played on Mahatma Gandhi's birth anniversary, stating "Gandhian Philosophy" is going to be more relevant and meaningful than ever before COVID-19 Pandemic. The 2nd of October is a very important day as UNESCO has declared the birth anniversary of Mahatma Gandhi as an International Day of Non-Violence. Hon. Dalia Lama's message can be watched at https://www.youtube.com/watch?v=0_4hUhZI-tc

IEEE MTT & AP SIGHT Co-Sponsors Jaihind People's Global Movement: <http://www.jai-hind.org.in/>
Topic: **[Virtual Global Conference: Covid-19 - “Peace, Harmony & Progress”](#)****Date:** 02 October 2020 **Time:** 8:00 PM (Indian Time); 10:30 AM (New York Time) * (Eastern Daylight time)**Location:** Join Zoom Meeting: <https://us02web.zoom.us/j/7654099358> Meeting ID: 765 409 9358**Contact:** Dr. Ajay K. Poddar, Chair Adhoc on Strategic Partnership IEEE SIGHT Subcommittee, Email: akpoddar@ieee.org**Speakers:** Dr. Frank Islam's talks and message can be watched at <https://www.youtube.com/watch?v=DC8i9b0IxYk>**IEEE SIGHT Co-Sponsors Jaihind People's Global Movement:** <http://www.jai-hind.org.in/>
Topic: **[Virtual Global Conference: Covid-19 - “Peace, Harmony & Progress”](#)****Date:** 02 October 2020 **Time:** 7:00 PM (Indian Time); 9:30 AM (New York Time) * (Eastern Daylight time)**Location:** Join Zoom Meeting: <https://us02web.zoom.us/j/7654099358> Meeting ID: 765 409 9358**Contact:** Dr. Ajay K. Poddar, Chair Adhoc on Strategic Partnership IEEE SIGHT Subcommittee, Email: akpoddar@ieee.org**Speaker:** Dr. Sam Pitroda, Entrepreneur, Development Thinker, Policy MakerWatch at https://www.youtube.com/watch?v=0_4hUhZI-tc**IEEE MTT & AP SIGHT & IEEE SIGHT Co-Sponsors Jaihind People's Global Movement:** <http://www.jai-hind.org.in/>**Topic:** **[Education for Rural & Underprivileged Students](#)****Date:** 10 October 2020 **Time:** 8:00 AM (Indian Time); 10:30 PM (New York Time) * (Eastern Daylight time)**Location:** Join Zoom Meeting: <https://us02web.zoom.us/j/7654099358> Meeting ID: 765 409 9358**Contact:** Dr. Ajay K. Poddar, Chair Adhoc on Strategic Partnership IEEE SIGHT Subcommittee, Email: akpoddar@ieee.org**Invited Speakers:** Mr. Vivek Savant, Managing Director, MKCL

Dr. Ajay K. Poddar, Chief Scientist, Synergy Microwave, USA
 Mr. Bhausheb Chaskar, Educationist
 Ms. Agnieszka Sypniewska, Talent acquisition Specialist, Poland
 Ms. Sabreena Chowdhury, Youth Leader Bangladesh
 Mr. Arif Rehman, Youth Leader Pakistan

The event is played live on YouTube and Facebook can be watched at: <https://www.youtube.com/watch?v=5rfC8HgZDBU>

IEEE AP-S & MTT-SIGHT and IEEE SIGHT Cosponsors Virtual Conference on "Youth Empowerment, the world is flat"

Date: 10 October 2020 **Time:** 11:00 AM to 09:30 PM (Eastern Daylight time)

Location: Join Zoom Meeting: <https://us02web.zoom.us/j/7654099358> Meeting ID: 765 409 9358

Contact: Dr. Ajay K. Poddar, Chair Adhoc on Strategic Partnership IEEE SIGHT Subcommittee, Email: akpoddar@ieee.org

Invited Speakers: Mr. Satyaajeet Tambe, President, Jian Hind Yuva Morcha
 Mr. Niraj Antani, Representative of Ohio State House, USA
 Ms. Sanam Arora, Representative of International Student Association
 Mr. Siddharth Mukane, Associate Director, UK-India Business Council, UK
 Mr. Jassi Parmer, Founder -ICADJ
 Mr. Amol Varpe, Senior Regional Manager, South Asia
 Dr. Suraj Gawande, Associate Director, New York University
 Ms. Malika Tabassum, Youth Leader, Brooklyn, USA

The event is played live on YouTube and Facebook can be watched at: <https://www.youtube.com/watch?v=5rfC8HgZDBU>

Electrical Equipment Testing Series - Field Testing of Instrument Transformers (CT, VT & CCVT) – PES / IAS / LM Joint Meeting

Date: 23 October 2020 **Time:** 09:00 AM to 11:00 AM (Eastern Daylight time)

Location: <https://global.gotomeeting.com/join/566374157>

Contact: Ronald Quade: rwquade@ieee.org

Speaker: Long Pong of Doble Engineering

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. Prior registration is encouraged and appreciated.

The Section Executive Committee roster is at: https://webinabox.vtools.ieee.org/wibp_officers/index/R10327