



THE IEEE NORTH JERSEY SECTION NEWSLETTER

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AUGUST 2021

Message from the IEEE North Jersey Section Chair Dr. Ajay Poddar



The Covid-19 pandemic interruption has created uncertainties and health crisis, and accelerated many methodological changes to accommodate the New Normal. IEEE North Jersey Section ExCom members and volunteers though impacted by the Covid-19 pandemic, continued to engage in section and chapter activities for the benefit of local members. During this time of crisis, we transitioned to virtual and hybrid meetings using digital platform, and strategies to adjust to the New Normal. Crisis pushes us towards unescapable adjustments and changes. What will be the “New Normal”, may not yet be defined clearly because of the increasing number of variants of the virus caused by its mutations worldwide. Nevertheless, the “New Normal” demands an inventive and seamless business activity model and rapid know-how and technology change. The lesson learned, “virtual and in-person” meetings are different ways of conducting events, and attendees may choose to opt future meetings in hybrid mode that combines face to face and remote attendance both. It is worth sharing that the virtual events consistently grew with a record number of participations, from different parts of the regions. Now we are more committed than ever towards supporting IEEE mission of advancing technology for humanity.

Even though, IEEE has removed the restrictions of in-person meetings, and we understand that things will not go back soon to pre-pandemic “Normal”, it is expected that the “New Normal” will include a virtual component for future meetings and events. I hope to see you in-person in next ExCom meeting, scheduled on Wednesday Sept 01, 2021. It will certainly be a memorable meeting as all of us gather for the first time in more than a year. Please visit the [IEEE North Jersey Section - EXCOM - Zoom : vTools Events](#) for more details and updates.

IEEE Connecting the Unconnected Challenge

The “IEEE Connecting the Unconnected Challenge” is a new, global competition that solicits applications from early-stage projects and concepts that offer innovative ways to bridge the digital divide and connect the unconnected (or under-connected) populations and regions. Electricity and Internet access is critical to education, industry, and healthy living. Unconnected populations lack access to basic needs and services online, and students lack access to schooling, which can force a decision between learning and earning a living. The Covid-19 crisis is inflicting the most pain on those who are already vulnerable. This calamity could lead to a significant rise

in income inequality. And it could jeopardize development gains, from educational attainment to poverty reduction. New estimates from IMF (International Monetary Fund) suggest that up to 100 million people worldwide could be pushed into extreme poverty, erasing all gains made in poverty reduction in the past three years, policy makers must do everything in their power to promote a more inclusive recovery, one that benefits all segments of society (<https://www.imf.org>). A fair and equitable distribution of wealth and knowledge is a fundamental element of the social contract. IEEE mission of “*Advancing Technology for Humanity*” can support in the recovery process. The IEEE AP-S CAC (Chapter Activity Committee), IEEE AP-S COPE (Committee on Promoting Equality), and IEEE AP-S SIGHT have developed a roadmap for connecting the unconnected underserved communities by engagement and sharing knowledge and assisting in educational attainment to promote equality and help poverty reduction. A special-purpose fund can be approved for the intention of promoting Equality (gender, race, income and other variants) by leveraging the access to opportunities in Science and Technology in underserved communities, that is not ordinarily covered by the Chapter’s annual funding. Examples might include the organization of a local workshop that benefits students in high school, a special field trip for mentoring the underprivileged students, a humanitarian-oriented COPE project, etc. **Special-purpose funding of \$500 (USD) is available to Chapters who will submit the online COPE Project Proposal Form**, which can be downloaded from the AP-S Website: <https://ieeeeaps.org/chapters/chapters>.

An additional funding support of up to \$3000 can also be awarded. The decision for this will be based on a case-to-case basis, supported by AP-S COPE, AP-S SIGHT, AP-S MGA and AP-S CAC budget under the special project category to carry out and/or support impactful humanitarian and sustainable development activities at the local Section level. The proposals should contain, at a minimum, a detailed description of the project and a budget.

IEEE Educational Activities

In its effort to assist IEEE volunteers around the world, the IEEE Educational Activities volunteer website, ea.ieee.org, aims to provide useful tools and resources. The IEEE Region 1 Educational Activities Program provides guidance, support, and funding to deliver educational programs to Region 1 sections, offering each section an opportunity to deliver Educational Activities to their members and communities. 2021 is a pilot year for this program, for which the theme is Pre-U STEM. **IEEE Educational Activities Board members** are looking for programs to target Pre-University students in

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Region-1. These topics may also be of interest to any IEEE member, but the target audience is pre-U students.

1. EVENT REQUIREMENTS: Simple and flexible expectations

- i. Host any Pre-U STEM educational activity in your section.
- ii. Post the event on vTools, and tag it as Category "Pre-U STEM Program".
- iii. Share the event on the IEEE Pre-U STEM Portal when completed. (See <https://stemportal-tryengineering.ieee.org/>)

2. FUNDING: Give sections the funding needed to hold the activities.

- i. Region 1 has authorized \$250 for any section that participates in this program and satisfies the event requirements.
- ii. Once the vTools event and STEM Portal reports are completed, provide the links to Region 1 Educational Activities Chair (currently Vince Socci, socci@ieee.org) for processing.
- iii. Final date for submission of reports for processing is 12/15/31.

3. ENABLE: Give access to sections to the content for the activities.

- i. EA has some great content in our Pre-university library that you are able to download and use. You are welcome to use any of that content. You may find it readily available at <https://www.ieee.org/education/preuniversity/index.html> and <https://stemportal-tryengineering.ieee.org/>.
- ii. You may also consider using IEEE Continuing Education products (see <https://www.ieee.org/education/continuing-education.html>) for event content.
- iii. Alternatively, you may create "101-level tutorials", perhaps from you distinguished lecturers, which can be simplified to an introductory level for students.
- iv. Furthermore, we can utilize canned content from successful activities in one section to seed an activity in another section.

I encourage the North Jersey section Pre-University Committee to take advantage of this opportunity to deliver Pre-U STEM programs. If the 2021 pilot is successful, IEEE Educational Activities Board intends to continue the program in 2022. The theme plan for 2022 is Continuing Education, with content geared for IEEE practicing members.

Craig Polk and Chitra Venkatraman are engaged in Pre-U STEM activities from North Jersey Section. They had a conference call on July 28, 2021 with Parsippany Library virtual programs manager to discuss possible presentations to various K-12 student groups. Chitra presented Smart Career Management to the Young Adult members of the library. There is a proposal for a presentation to 9-12 grade students on making the most of a volunteer, part-time or summer time jobs. Chitra is involved in supporting STEM program activities

at Liberty Science Center. She is in contact with a team of Jersey City STEM teachers with a proposal to hold a Tinker CAD design showcase for the students of JC school district in fall 2021. Have fun and help them learn!

IEEE HAC/SIGHT Projects Call for Proposals

Call for Proposals to support IEEE member grassroots humanitarian technology and sustainable development projects that utilize technology to address local realities of the COVID-19 situation, or other issues of pressing community need. Applications may be submitted during July 12- August 16 and will be reviewed on a rolling basis. Please visit the HAC website (<https://bit.ly/HACSIGHTCFP2021>) for more details. There are New SIGHT Groups established within an existing IEEE organizational unit (OU) such as a Section or Student Branch that does not yet have an affiliated SIGHT Group. For those that are interested, I would suggest to first visit the IEEE SIGHT website. There are testimonies from SIGHT projects and groups from around the world that can be shared with other members that are interested in joining the group. Then we recommend [becoming an IEEE SIGHT member](#). Membership is free, and people who are not IEEE members can join too. Finally, this page has information on how to [Start a SIGHT Group](#). It has a short list of steps to start a group, which includes filling out a petition form on the [online funding platform](#). Six active IEEE members are needed to form a group, and if they are from a Student Branch, at least one will need to have a IEEE Member Grade or higher. Many times this is the student branch counselor, or another faculty member who is an IEEE member. Petitioners will also need an acknowledgement from the Section Chair; we recommend that Groups write to them directly with a copy of the petition so the Chair is aware and involved in the process.

The COVID-19 pandemic has affected the world in an unprecedented manner, and as such, HAC/SIGHT (Special Interest Group on Humanitarian Technology) are offering a Call for Proposals (<https://hac.ieee.org/funding-opportunities/covid-19-projects/>) to support IEEE member grassroots humanitarian technology and sustainable development projects that utilize technology to address the COVID-19 situation. As the pandemic has not only affected health, but also exacerbated poverty and laid bare systemic inequality throughout the world, HAC/SIGHT are prioritizing immediate impact, poverty mitigation and inequality reduction through the following project areas: (i) Food Security, (ii) Infection Control Devices, (iii) Information and Communications Technology (ICT), (iv) Medical Devices, (v) Personal Protective Equipment (PPE), (vi) Sustainable Power Sources, (vii) Water, Sanitation, and Hygiene, and (viii) Other pandemic-related topics. I encourage North Jersey Section ExCom members and volunteers to submit the project proposals for receiving financial support from IEEE SIGHT and HAC.

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IEEE AP-S Ulrich L. Rohde Humanitarian Technical Field Projects-Award

Call for proposals: The proposal consisting of the details of the project and budget can be submitted to IEEE AP-S SIGHT committee chair: jys.rpe@gmail.com

Three deadlines to remember: August 31, 2021, September 30, 2021, and November 30, 2021

The Project selection process is in line with IEEE SIGHT and Humanitarian Activity Committee Project Awards. The evaluation of proposals will be based primarily on technical content. After completion of the project, the awards committee will explore follow-up activities for low-cost production of the proposed technology, which is the key requirement for humanitarian needs. The announcement of the award will be made at the annual awards ceremony of the IEEE AP-S flagship conference. The recipient will receive a plaque and a \$10,000 cash prize for the completion of the project. The name(s) of the award recipient(s) will be published in *IEEE Antennas and Propagation Magazine* and on the IEEE AP-S website. Detail information available at IEEE AP-S SIGHT

([https:// www.ieeeaps.org/committees/ieee-aps-sight](https://www.ieeeaps.org/committees/ieee-aps-sight)).

IEEE HAC Partnership with the IEEE Electron Devices Society (EDS) to provide a new Funding Opportunity

IEEE EDS and IEEE HAC are jointly hosting a special call for proposals for EDS Members. Awards of up to US\$2,000 will be made to selected projects that present a convincing plan to a) understand the real needs of a local community or local stakeholder organization and b) complete in no more than six months' time a pilot project utilizing EDS-relevant technology to address those local community challenges. The Call, "**EDS-Relevant Technology for Local Community Challenges**" will support EDS Chapter proposals that involve deployment of technology, customization of technology, and/or development of technology that is relevant to EDS. The last day to submit an application is **08 August 2021**.

I wish all the members good health and a productive time ahead.

Best Wishes,

Ajay Poddar

IEEE North Jersey Section Chair

**GRADUATE SCHOOL VIRTUAL OPEN HOUSE!**

Wednesday, August 18, 2021, 7 p.m.

Fairleigh Dickinson University's Gildart Haase School of Computer Sciences & Engineering (GHSCSE)

- **A national leader in Cybersecurity, designated as a "Center of Academic Excellence for Cyber Defense Education" by NSA and DHS**
- **18 cutting-edge labs, among the best in the North and Mid-Atlantic Regions**
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Register for the Open House: <http://bit.ly/OpenHouseCyber>

For Programs information, visit: <https://tinyurl.com/GHprogram>

Calendar of Events

Past Events

Private Networks: From Components to Test – Co-sponsored by North Jersey AP/MTT, ED/CAS, SIGHT, VTS, EMBS

Location: This meeting is virtual. [External Registration Link - Required](#)

Date: 17 June 2021 **Time:** 1:00 PM to 2:00 PM (EDT)

Contact: Ajay Poddar (akpoddar@ieee.org), Durga Misra (dmisra@njit.edu), Edip Niver (edip.niver@njit.edu), Anisha Apte (anisha_apte@ieee.org), Har Dayal (dayalhar@gmail.com), Ionel Bajescu (nelu108@yahoo.com)

Speaker: Tom Ulrich of Baicells

Linearization of RF Power Amplifiers connecting simulation and measurements on physical devices – Co-sponsored by North Jersey AP/MTT, ED/CAS, SIGHT, VTS, EMBS, PHO

Location: This meeting is virtual. [External Registration Link - Required](#)

Date: 22 June 2021 **Time:** 2:00 PM to 3:00 PM (EDT)

Contact: Ajay Poddar (akpoddar@ieee.org), Durga Misra (dmisra@njit.edu), Edip Niver (edip.niver@njit.edu), Anisha Apte (anisha_apte@ieee.org), Har Dayal (dayalhar@gmail.com), Ionel Bajescu (nelu108@yahoo.com)

Speakers: Markus Loerner and Dr. Florian Ramian of Rohde & Schwarz

Overview of Secondary Surveillance Radar (SSR) and Identification Friend/Foe (IFF) Systems - Part I – Co-sponsored by Long Island Section Chapter, CAS04, North Jersey Section Chapter, AES10, North Jersey Section Jt. Chapter, AP03/MTT17, Italy Section Chapter, CAS04 C&S, Italy Section Chapter, CAS04, North, Tokyo/HR/NG/SP/SE/SD Jt. Sec Chap, CAS04, Toronto Jt. Chapter, CAS04/ED15/EP21/PHO36, Taipei Section Chapter, CAS04, Shikoku Section Chapter, CAS04

Location: This meeting is virtual. [External Registration Link - Required](#)

Date: 22 June 2021 **Time:** 6:00 PM to 7:00 PM (EDT)

Contact: colotti@telephonics.com, akpoddar@synergymwave.com, paolo.arena@unict.it, franco.maloberti@unipv.it, nishio@ee.tokushima-u.ac.jp, mengqi@ieee.org, chyee@ntu.edu.tw,

Speaker: Frank Messina

What you need to know about 5G mmWave device testing? – Co-sponsored by North Jersey AP/MTT, ED/CAS, SIGHT, VTS, EMBS, PHO

Location: This meeting is virtual. [External Registration Link - Required](#)

Date: 23 June 2021 **Time:** 1:00 PM to 2:00 PM (EDT)

Contact: Ajay Poddar (akpoddar@ieee.org), Durga Misra (dmisra@njit.edu), Edip Niver (edip.niver@njit.edu), Anisha Apte (anisha_apte@ieee.org), Har Dayal (dayalhar@gmail.com), Ionel Bajescu (nelu108@yahoo.com)

Speakers: Dr. Taro Eichler and Manuel Galozy, of Rohde & Schwarz

Overview of Secondary Surveillance Radar (SSR) and Identification Friend/Foe (IFF) Systems - Part II – Co-sponsored by Long Island Section Chapter, CAS04, North Jersey Section Chapter, AES10, North Jersey Section Jt. Chapter, AP03/MTT17, Italy Section Chapter, CAS04 C&S, Italy Section Chapter, CAS04, North

Location: This meeting is virtual. [External Registration Link - Required](#)

Date: 29 June 2021 **Time:** 6:00 PM to 7:00 PM (EDT)

Contact: colotti@telephonics.com, akpoddar@synergymwave.com, paolo.arena@unict.it, franco.maloberti@unipv.it, nishio@ee.tokushima-u.ac.jp, mengqi@ieee.org, chyee@ntu.edu.tw, parena@diees.unict.it

Speaker: Frank Messina (CEU/PDH AVAILABLE)

Are you ready for Wi-Fi 6E/7 testing? – Co-sponsored by North Jersey AP/MTT, SIGHT

Location: This meeting is virtual. [External Registration Link - Required](#)

Date: 8 July 2021 **Time:** 1:00 PM to 2:00 PM (EDT)

Contact: Ajay Poddar (akpoddar@ieee.org), Durga Misra (dmisra@njit.edu), Edip Niver (edip.niver@njit.edu), Anisha Apte (anisha_apte@ieee.org), Har Dayal (dayalhar@gmail.com), Ionel Bajescu (nelu108@yahoo.com)

Speakers: Joerg Koepf and Hagen Heggenberger, of Rohde & Schwarz

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Convergence of Cognitive AI with Edge Computing – Co-sponsored by North Jersey CNNNJ, AP/MTT, SIGHT, METSAC**Location:** This meeting is virtual. [External Registration Link - Required](#)**Date:** 8 July 2021 **Time:** 6:30 PM to 9:30 PM (EDT)**Contact:** info@technologyontap.org, Ajay Poddar (akpoddar@ieee.org), Adriaan Van Wijngaarden avw@ieee.org, Edip Niver (edip.niver@njit.edu), Anisha Apte (anisha_apte@ieee.org),**Speaker:** Prasenjit (Jeet) Bhadra Founder and CEO of [Ranial Systems](#)**Building a Career in Photonics and Available IEEE Resources – Co-sponsored by North Jersey AP/MTT, SIGHT, PHO****Location:** This meeting is virtual. [External Registration Link - Required](#)**Date:** 12 July 2021 **Time:** 8:30 AM to 9:30 AM (EDT)**Contact:** Dr. Naresh Chand (chandnaresh@gmail.com), Ajay Poddar (akpoddar@ieee.org), Edip Niver (edip.niver@njit.edu), Anisha Apte (anisha_apte@ieee.org),**Speaker:** Dr. Naresh Chand**Time-Varying Transmission Line (TVTL) for Broadband, Low Noise, Nonreciprocal and Cross-Frequency RF Applications – Co-sponsored by North Jersey AP/MTT, ED/CAS, SIGHT, PHO, VTS, EMBS****Location:** This meeting is virtual. [External Registration Link - Required](#)**Date:** 13 July 2021 **Time:** 12:00 PM to 1:00 PM (EDT)**Contact:** Ajay Poddar (akpoddar@ieee.org), Durga Misra (dmisra@njit.edu), Edip Niver (edip.niver@njit.edu), Anisha Apte (anisha_apte@ieee.org), Har Dayal (dayalhar@gmail.com), Ionel Bajescu (nelu108@yahoo.com), Dr. Naresh Chand (chandnaresh@gmail.com)**Speaker:** Prof. Y. Ethan Wang of University of California at Los Angeles**Design Challenges in Phase Noise Measurement Architecture – Co-sponsored by North Jersey AP/MTT****Location:** This meeting is virtual. [External Registration Link - Required](#)**Date:** 14 July 2021 **Time:** 12:00 PM to 1:00 PM (EDT)**Contact:** Ajay Poddar (akpoddar@ieee.org), Edip Niver (edip.niver@njit.edu), Anisha Apte (anisha_apte@ieee.org),**Speaker:** Kay Gheen of Rohde & Schwarz**Emerging Trends in Wireless Infrastructure – Co-sponsored by North Jersey AP/MTT****Location:** This meeting is virtual. [External Registration Link - Required](#)**Date:** 20 July 2021 **Time:** 1:00 PM to 02:00 PM (EDT)**Contact:** Ajay Poddar (akpoddar@ieee.org), Edip Niver (edip.niver@njit.edu), Anisha Apte (anisha_apte@ieee.org),**Speaker:** Dr. Nishith D. Tripathi and Dr. Jeffrey H. Reed of Rohde & Schwarz**Toward Democratizing RF IC Design – Co-sponsored by North Jersey AP/MTT ED/CAS, VTS, EMBS, PHO, SIGHT****Location:** This meeting is virtual. [External Registration Link - Required](#)**Date:** 21 July 2021 **Time:** 9:30 AM to 10:45 AM (EDT)**Contact:** Ajay Poddar (akpoddar@ieee.org), Durga Misra (dmisra@njit.edu), Edip Niver (edip.niver@njit.edu), Anisha Apte (anisha_apte@ieee.org), Har Dayal (dayalhar@gmail.com), Ionel Bajescu (nelu108@yahoo.com), Dr. Naresh Chand (chandnaresh@gmail.com)**Speaker:** Tom McKay**Analog RF & Microwave signal generation - output power considerations – Co-sponsored by North Jersey AP/MTT****Location:** This meeting is virtual. [External Registration Link - Required](#)**Date:** 28 July 2021 **Time:** 2:00 PM to 3:00 PM (EDT)**Contact:** Ajay Poddar (akpoddar@ieee.org), Edip Niver (edip.niver@njit.edu), Anisha Apte (anisha_apte@ieee.org),**Speaker:** Frank-Werner Thuemmler of Rohde & Schwarz

IEEE North Jersey Pre-U Outreach - Meeting with Parsippany Library. – Co-sponsored by North Jersey YP, SIGHT**Location:** This meeting is virtual. [External Registration Link - Required](#)**Date:** 28 July 2021 **Time:** 3:00 PM to 4:00 PM (EDT)**Contact:** Ajay Poddar (akpoddar@ieee.org), Anisha Apte (anisha_apte@ieee.org), Chitra V. (chitrav55@gmail.com)**IEEE NORTH JERSEY SECTION – Short Courses****Big Data Market Research in Seven Saturdays via Zoom** (Instructor: Donald Hsu) – **Education Committee/AP/MTT, ED/CAS****Date:** 10 July 2021 **Time:** 09:00 AM to 12:00 PM (7 Saturdays, July 10, 17, 24, 31, August 7, 14, 21, 2021)**Location:** [Registration Link for Online - Zoom Meeting](#) – [Zoom Meeting](#)**COST:** IEEE (& affiliate) members \$500; non-IEEE members \$550.**Contact:** Donald Hsu - yanyou@hotmail.com**Project Risk Management Seven Saturdays via Zoom** (Instructor: Donald Hsu) - **Education Committee/AP/MTT, ED/CAS****Date:** 10 July 2021 **Time:** 12:00 PM to 03:00 PM (7 Saturdays, July 10, 17, 24, 31, August 7, 14, 21, 2021)**Location:** [Online – Zoom Meeting](#)**COST:** IEEE (& affiliate) members \$500; non-IEEE members \$550.**Contact:** Donald Hsu: yanyou@hotmail.com**Leveraging Technology for a Better Tomorrow: Inter-Society and Industrial Initiatives – IEEE North Jersey MTT-S Webinar****Location:** This meeting is virtual. [External Registration Link - Required](#)**Date:** 3 August 2021 **Time:** 6:00 PM to 7:30 PM (EDT)**Contact:** Ajay Poddar (akpoddar@ieee.org), Anisha Apte (anisha_apte@ieee.org),**Speaker Panel:** Prof. Weng Chew, Past IEEE AP-S President, Chair 2021 AP-S COPE (Committee on Promoting Equality), Prof. Yahia Antar, 2021 IEEE AP-S President, Prof. Dr. Ing. Habil Ajay K. Poddar, Chair IEEE HAC Inter-Society and Industrial Partnership Sub Committee Chair, Prof. Jawad Siddiqui, Chair IEEE AP-S SIGHT, Prof. M. Essaaidi, IEEE HAC Member, AP-S COPE Committee Member, Dr. Alebel Arage, IEEE ISV Member, AP-S COPE Committee Member**Upcoming Events****IEEE North Jersey Section EXCOM meeting - August 2021 - Online (Zoom)****Date:** 4 August 2021 **Time:** 06:30 PM to 08:45 PM**Location:** [Required - vTools Registration link](#) [Link to Join Zoom Meeting](#) Meeting ID: 890 6781 1667**Contact:** Dr. Ajay Poddar akpoddar@ieee.org, Prof. Hong Zhao zhao@fdu.edu, Dr. Adriaan van Wijngaarden avw@ieee.org**The spectrum sharing challenges for enabling large bandwidth mmWave/THz spectrum access above 100 GHz for 6G application – IEEE North Jersey MTT-S Webinar****Location:** This meeting is virtual. [External Registration Link - Required](#)**Date:** 10 August 2021 **Time:** 9:00 AM to 10:00 AM (EDT)**Contact:** Ajay Poddar (akpoddar@ieee.org), Edip Niver (edip.niver@njit.edu), Anisha Apte (anisha_apte@ieee.org),**Speaker:** Dr. Michael Marcus and Josep Miquel Jornet**Estimation in Li-ion Batteries for sustainable energy: Challenges and Opportunities – IEEE North Jersey VTS - DL****Location:** This meeting is virtual. [External Registration Link - Required](#)**Date:** 10 August 2021 **Time:** 10:00 PM to 11:00 PM (EDT)**Contact:** Ajay Poddar (akpoddar@ieee.org), Ionel Bajescu (Nelu108@yahoo.com), Raghu K. (Raghunandan@ieee.org)**Speaker:** Prof. Simona Onori, Director of the Stanford Energy Control Lab of Stanford University**IEEE – IMPORTANT EVENTS, ARTICLES, ANNOUNCEMENTS AND REMINDERS:**

- [This Month's Communications Society News from Around the World](#)
- [“Elon Musk on Edison and Tesla” - An article by Harry Roman](#)

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2021 IEEE North Jersey Section Volunteers

Executive Committee

Chair – Ajay K. Poddar
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First Vice-Chair – Hong Zhao
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Second Vice-Chair – Emad Farag
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Secretary – Adriaan J. van Wijngaarden
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Treasurer – Avimanyou Vatsa
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Member-at-Large

Har Dayal – dayalhar@gmail.com

Kirit Dixit – kdixit@ieee.org

Anisha Apte – anisha_apte@ieee.org

Junior Past Chair – Yu-Dong Yao
Yu-Dong.Yao@stevens.edu

Senior Past Chair – Kalyan Mondal
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Society Chapters

Aerospace Electronic Systems

Chair – Cherif Chibane
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Vice-Chair – Kirit Dixit kdixit@ieee.org

Antennas and Propagation / Microwave Theory and Techniques

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Co-Chair – Edip Niver
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Co-Chair – Anisha Apte
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Communications

Chair – Amit Patel
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Computer

Chair – Hanna (Hong) Zhao
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Control Systems

Chair – David Haessig
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Electromagnetic Compatibility/Product Safety Engineering

Chair – Russell C. Pepe
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Engineering in Medicine and Biology

Chair – Har Dayal dayalhar@gmail.com

Industrial Applications

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Information Theory

Chair – Adriaan J. van Wijngaarden
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Instrumentation Measurement

Chair – Russell C. Pepe
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Photonics

Chair – Naresh Chand
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Power & Energy

Co-Chair – Ronald W. Quade
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Co-Chair – Michael Miller
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Signal Processing

Chair – Alfredo Tan
tan@fdu.edu

Systems, Man, and Cybernetics

Chair – Mengchu Zhou
zhou@njit.edu

Vehicular Technology

Chair – Ionel Bajescu
nelu108@yahoo.com

Technical Councils

Technology & Engineering Management

Chair – Kirit Dixit
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Affinity Groups

Consultants Network

Co-Chair – Jim Julian
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Co-Chair – Jay Morreale
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Young Professionals

Chair – Larry Yang
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Women in Engineering

Co-Chair – Chitra Venkatraman
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Co-Chair – Reena Dahle
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LIFE Members

Co-Chair – Ken Oexle
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Co-Chair – Michael Miller
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Committees

Audit Committee

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Co-Chair – Mani Iyer
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Awards & Recognitions

Co-Chair – Ken Oexle
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Co-Chair – Adriaan J. van Wijngaarden
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Educational Activities

Co-Chairs

Donald Hsu – yanyou@hotmail.com

Kalyan Mondal – mondal@fdu.edu

Amit Patel – a.j.patel@ieee.org

Employment Network

Co-Chair – Chitra Venkatraman
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Co-Chair – Naresh Chand
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Government and Industrial Liaisons

Co-Chair – Art Greenberg
a.h.greenberg@ieee.org

Co-Chair – Russell C. Pepe
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Group coordinator / History

Chair – Howard Leach
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Legal Activities

Chair – Vacant

Membership Development

Chair – Michael Newell
msnewell@ieee.org

MTT/AP Trade Show and Symposium

Chair – Kirit Dixit
kdixit@ieee.org

Vice-Chair – Har Dayal
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TPC Co-Chair – George Kennall
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TPC Co-Chair – Ajay Poddar
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Newsletter

Chair – Anisha Apte
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Nominations and Appointments

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Durga Misra dmisra@njit.edu

PACE

Chair – Russell C. Pepe
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Co-Chair – Paul E. Ward
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Pre-University Activities

Co-Chair – Chitra Venkatraman
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Program Review Committee

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You do not have to be an IEEE member but prior registration is encouraged to attend any event. IEEE North Jersey Section Website The Section Executive Committee Roster