



THE IEEE NORTH JERSEY SECTION NEWSLETTER

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MAY 2022

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



With the beginning of May, I am delighted to share with you that we had the opportunity to celebrate and recognize the accomplishments and contributions of our members and volunteers during the 2022 IEEE North Jersey Section Award Banquet held on May 1st, at the Birchwood Manor, in Whippany, NJ. It was great to see many of you in person at the event along with the IEEE invited guests and dignitaries.

IEEE North Jersey Section is one of the 343 IEEE Sections worldwide. It represents the members who live in the northern part of New Jersey. North Jersey Section consists of about 2,500 members and have 22 active Society Chapters, six Affinity groups, and several student branches.

During the last two years (2020 and 2021), this section hosted 163 events and about 176 events, educational seminars, workshops, technical symposiums and other events which drew more than 5000 participants. None of this would have been possible without the active participation of the Section volunteers who plan, organize and make these events possible.

At the awards ceremony, we recognized the newly elevated IEEE Fellows, and the recipients of the IEEE Region-1 Awards, IEEE MGA Awards, IEEE Society Awards, and IEEE Section Awards.

As we missed having this annual event during the years 2020 and 2021, due to the pandemic, this year we took the opportunity to honor all the award recipients and Fellows of the years 2020, 2021, and 2022. We also congratulated the IEEE North Jersey Section members who have accomplished extraordinary technical achievements in IEEE and enhanced the services to the engineering profession. I am extremely grateful for their commitment, dedication and services for the section and IEEE. I know you all will join me in congratulating our new Fellows and all the Award recipients. Please take a look at the short bio and the award citations of the award recipients felicitated at the Awards Banquet held on May 1st, 2022.

2020 IEEE FELLOW

Prof. Durga Misra,

Department of Electrical and Computer Engineering of NJIT, Newark, New Jersey

“for the contributions to the reliability of



CMOS gate stacks with high-k dielectrics”



2021 IEEE Fellow

Prof. Jaideep S. Vaidya,

MSIS Department at Rutgers University, Piscataway, New Jersey

“for contributions to privacy protection in data analytics and access control management”



2022 IEEE Fellow

Dr. Guiling Wang

Department of Computer Science, NJIT, Newark, New Jersey

“for contributions to distributed algorithm design for sensor networks and vehicular networks”



2022 IEEE Fellow

Dr. Peter Vetter

President of Bell Labs

Core Research at Nokia Bell Labs, Murray Hill, New Jersey

“for leadership in broadband access technologies in advanced passive optical networks”

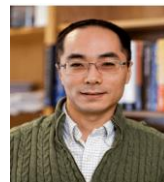


2022 IEEE Fellow

Dr. Tara Sainath

Principal Research Scientist at Google New York, NY

“for contributions to deep learning for automatic speech recognition”



2022 IEEE Fellow

Dr. Lei Wu

Department of Electrical and Computer Engineering

Stevens Institute of Technology, NJ

“for contributions to stochastic modeling and optimization of power systems and large interdependent infrastructures”

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](#)

2021 Cross of Merit of the Federal Rep. of Germany



Prof. Dr. Ing. habil Ulrich L. Rohde
Chairman Synergy Microwave Corp., NJ,
Partner Rohde & Schwarz, Germany
"Highest tribute to Individuals for Service to Nation"



Dr. Adriaan J. van Wijngaarden
Nokia Bell Labs, Murray Hill, New Jersey
"for sustained, dedicated and wide-ranging service to the IEEE at the MGA, Section, Council, Society and Chapter levels"

2021 Outstanding Career Award, European Microwave Association (EuMA)



Dr. Richard Snyder
President of RS Microwave (Butler, NJ, USA)
"for Outstanding Career Award for his exemplified outstanding contributions in the field of microwaves"



Ronald W. Quade
Licensed Professional Engineer (P. E), NJ
"for outstanding contributions to the IEEE North Jersey Section and its Power and Energy Society Chapter"

The William Terry Distinguished Service Award



Kirit G. Dixit
Founder of Micro-com Sales LLC
"for a lifetime of sustained, dedicated and wide-ranging service to the IEEE at the Section, Council and Chapter levels"

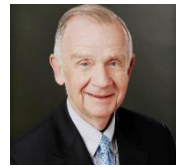


Dr. Anisha M. Apte
Senior Design Engineer, Synergy Microwave Corp., NJ
"for outstanding leadership in publicizing and organizing IEEE North Jersey Section activities"

IEEE R1 Technological Innovation (Industry or Government) Award



Prof. Dr. Ing. habil Ulrich L. Rohde
Chairman Synergy Microwave Corp., NJ,
Partner Rohde & Schwarz, Germany
"for pioneering research and leadership in signal processing"



50 Years - IEEE Achievement Award
Kenneth J. Oexle
"for Sustained leadership and accomplishments in advancing programs and activities at the section level"

IEEE Region-1 Awards



Dr. Naresh Chand
US R&D Center of Huawei Technologies, New Jersey, (Retired) BAE Systems, NJ
"for leadership and sustained contribution to the IEEE North Jersey Section and its Chapters"

IEEE SOCIETIES AWARDS

MTT-S (Microwave Theory and Techniques) Society
IEEE North Jersey Section Jt. Chapter AP03/MTT17



Chapter Officers:
Prof. Edip Niver - Chair
Dr. Anisha Apte - Co Chair

"MTT-S Best Chapter Award: 1st Place to North Jersey Section AP/MTT Chapter"

IEEE AP-S (Antenna Propagation) Society,
IEEE North Jersey Section Jt. Chapter AP03/MTT17



Chapter Officers:
Prof. Edip Niver - Chair
Dr. Anisha Apte - Co Chair

"IEEE AP-S "Outstanding Chapter Award" in entire IEEE Regions 1-10, 1st Place to North Jersey Section AP/MTT Chapter"



Prof. Edip Niver
Department of Electrical and Computer Engineering of NJIT, Newark, New Jersey
"for sustained contributions to the IEEE North Jersey Section and its Chapters"

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IEEE SOCIETIES AWARDS:**IEEE ED-S (Electronic Devices) Society****2020 Best Chapter Award***Chapter Chair:**Professor Durga Misra***IEEE PES (Power & Energy) Society****PES Outstanding Engineer Award****David J. Ellis****Electric metering process management at Public Service Electric and Gas**

“for leadership in the Engineering Specification, Data Management and Application of Digital Metering Technology to improve Power System Grid Efficiency and Energy Management”

**IEEE PES (Power & Energy) Society - PES Outstanding Engineer Award****John Szabados****Vice President and Project Director for Sargent and Lundy**

“for leadership and contributions in the Engineering Design and Project Management of Electric Power Systems”

**IEEE SOCIETIES AWARDS
IEEE PES (Power & Energy) Society - PES Outstanding Engineer Award****Herman R. Zablatzky****Senior Project Engineer with the Middlesex County Utilities Authority**

“for leadership and contributions in the Engineering Design, Construction, Operations, and Maintenance of Large-Scale Wastewater Treatment Systems”

**IEEE Outstanding Volunteer Award****Gregory Olson****Independent consultant to the electric power industry and end user community**

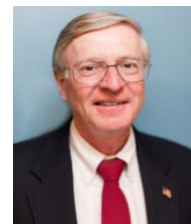
“for contributions and leadership in advancing the continuing education of engineers”

IEEE North Jersey Section Award:**Prof. Kalyan Mondal****Tenured Professor of Electrical Engineering in the Gildart Haase School of Computer Sciences and Engineering (GHSCSE), Fairleigh Dickinson University (FDU), Teaneck, NJ**

“for a decade of continuous, dedicated and wide-ranging service to the IEEE at ExCom, YP, and Students Engagement/Activities”

IEEE North Jersey Section Award**Russell Pepe****Vice President and Sales Engineer at Advanced Technical Marketing (ATM) Adjunct Professor at NJIT ECE & ECET Dept.**

“for a decade of continuous, dedicated and wide-ranging service to the IEEE at ExCom, YP, and Students Engagement/Activities”

**IEEE Recognition Award****Stephen Wilkowski****(Retired) Distinguished Member of Technical Staff (DMTS) Nokia, Murray Hill, NJ**

“for the successful launch of IEEE Discovery Point for Communications”

**IEEE Foundation Award****Harry T. Roman****(Retired) PSE&G R&D - pioneering work in solar energy, robotics, energy storage, fuel cells, artificial intelligence, microprocessors, and the smart utility of the future**

“for 2020 Tommy Award for local Humanitarian”

IEEE Student Awards**2021 IEEE Electron Devices Society Undergraduate Student Scholarship Award****Andressa Marangon****Undergraduate Student, NJIT, Newark, NJ**

“to promote, recognize, and support Undergraduate level study and hands on experience within the Electron Devices Society’s field of interest”

2022 NJRSF IEEE North Jersey Section Young Engineer Award

Nathanael Gunawan: *“for Novel Magnetic levitation train using a triple-dipole-line track system”*

Samhita Pokkunuri: *“for Real-Time 3D Human Tracking and Pose Construction for Using Millimeter-Wave Radar System”*

Yuxuan (Daniel) Tian: *“for Design of oxygen-carrying autonomous following vehicle for pulmonary rehabilitation”*

2022 Hudson STEM Showcase Award

Arnav Ambre: *“for Measuring Blood Alcohol Concentration with Near-Infrared Spectroscopy”*

Thanhloan Tran: *“for Using the Seebeck Effect and body heat to harvest electricity in coats”*



Fig.1. Picture shows the award recipients attending the May 1st ceremony

Congratulations and best wishes to all the award recipients.

I am sure they will be an inspiration to many.

IEEE AP-S Ulrich L. Rohde Humanitarian Project Award Call for Proposal

IEEE AP-S SIGHT are currently offering a **special Call for Proposals to support AP-S Chapter projects** that utilize AP-S-relevant technology to address local community challenges. The Call is open through 15 June 2022. Ulrich L. Rohde Humanitarian Project Awards of up to US\$10,000 will be made to selected projects on pressing issues challenging an underserved community. For detail information, contact Dr. Anisha Apte (anisha_apte@ieee.org), member AP-S SIGHT and elected IEEE AP-S AdCom member, 2022-2024.

Our section will continue to support STEM activities and promote DEI and address humanitarian cause within the boundaries of the IEEE.

I would like to encourage everyone to find more opportunities to volunteer and contribute towards a worthy cause and benefit of the members and our community.

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

IEEE North Jersey Section Chair

Ajay Poddar



Fig. 2. Picture shows the presentation during the awards banquet and distribution ceremony

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IEEE – IMPORTANT EVENTS, ARTICLES, ANNOUNCEMENTS AND REMINDERS:



FDU
Gildart Haase School
of Computer Sciences
& Engineering

GRADUATE SCHOOL VIRTUAL OPEN HOUSE!

Wednesday, May 11, 2022, 6 p.m.

Fairleigh Dickinson University

Gildart Haase School of Computer Sciences & Engineering (GHSCSE)

Cybersecurity Leadership: "National Center of Academic Excellence for Cyber Defense Education (CAE-CDE)" by NSA

18 cutting-edge labs, among the best in the North and Mid-Atlantic Regions

Offers 6 Masters of Science (MS) Programs

<ul style="list-style-type: none"> *Cybersecurity & Information Assurance *Electrical Engineering *E-Commerce 	<ul style="list-style-type: none"> *Management Information Systems *Computer Engineering *Computer Science (Data Science, Cloud Computing and more)
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Scan Zoom Registration



Scan Grad Program Info





- [This Month's Communications Society News from Around the World](#)
- ["Invention Contests" - An article by Harry Roman for the May Newsletter](#)

Invention Contests -- Popular Among Students

Since 2009 the Edison Pitch Contest has sponsored a national invention and pitch contest to teach the principles of invention and entrepreneurship. This year the program has really popped its buttons with a 50% increase in registrations! 84 schools across 27 states are involved. Student team registrations have zoomed from 205 last year to 301 this year, with a jump in total students involved from 540 to 817.

Student teams are free to choose the categories in which they submit their inventions. They have typically invented in categories like community development, animals, education, environment and medical. This year the students are heavy into the environment category, with medical running second. Leading the pack this year are middle school entries, followed by high school and then elementary. If statistics hold as they have been, young ladies will be more than worthy competitors, especially in the middle school division.

All these contestant teams will keep the judges busy as top honors are determined. The Edison Innovation Foundation will hold the presentations and awards ceremony in mid-May at the Thomas Edison National Historical Park in West Orange, NJ. Always an "electric evening" as top candidates enthusiastically present their inventions, it's a night when Tom Edison smiles down on everyone there!

Tell your teacher friends about this national opportunity. Tell them to put it on their calendar for next year. For more information, see <https://www.thomasedisonpitch.org>.

Talk to you again soon...

Harry

Harry T. Roman, Life Senior Member
 Author & Advisor, Edison Innovation Foundation
 (Retired-PSE&G Co.) htroman49@aol.com

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Calendar of Events

Current Events – May 2022

Date and Time	Event - Details
01 May 2022 02:30 PM To 06:00 PM	<p>2022 IEEE North Jersey Section Awards Banquet Sponsor/Co-Sponsors: R10327 - North Jersey Section Location: Birchwood Manor, 111 North Jefferson Road, Whippany, NJ 07981 Required - vTools Registration Link Contact: Ajay Poddar (akpoddar@ieee.org) Speakers: Eduardo (Ed) Palacio, 2022 IEEE USA President, Ajay Poddar, IEEE North Jersey Section Chair</p>
05 May 2022 02:00 PM To 03:00 PM	<p>Mastering EVM: Optimizing to Industry Standards: and Testing HDMI 1.4b / 2.1 interfaces with oscilloscopes Sponsor/Co-Sponsors: North Jersey Section Chapter/Jt Chapter - AP03/MTT17, CAS04/ED15, EMB18 Location: Required vTools Registration For Joining: Virtual Event Link Contact: Ajay Poddar (akpoddar@ieee.org), Edip Niver (edip.niver@njit.edu), Anisha Apte (anisha_apte@ieee.org), Durga Misra (dmisra@njit.edu), Har Dayal (dayalhar@gmail.com) Speakers: Martin Lim of Rohde & Schwarz; Johannes Ganzert of Rohde & Schwarz</p>
07 May 2022 10:00 PM To 08 May 12:30 AM	<p>IEEE AP-S SIGHT/COPE Meeting: Eu-Reka, Swasth, BNP project presentations Sponsor/Co-Sponsors: North Jersey Section Chapters/Jt Chapters - AP03/MTT17, SIGHT177, EMB18, YP Location: Required vTools Registration For Joining: A link will be provided to the participants. Contact: Ajay Poddar (akpoddar@ieee.org), Edip Niver (edip.niver@njit.edu), Anisha Apte (anisha_apte@ieee.org), Har Dayal (dayalhar@gmail.com) Speakers: Prof. G. S. Mani, Chair IEEE Pune Section JCAME, Past Dean (Vice-Chancellor), DIAT Pune Dr. Manjusha Mungi, Member IEEE Pune Section JCAME Chapter, IEEE AP-S COPE BNP Project Program Coordinator</p>
12 May 2022 01:00 PM To 02:00 PM	<p>Versatile 5G FR2 over-the-air antenna characterization at your benchtop: and Testing HDMI 1.4b / 2.1 interfaces with oscilloscopes Sponsor/Co-Sponsors: North Jersey Section Chapter/Jt Chapter - AP03/MTT17, CAS04/ED15, EMB18, VT06, RA24, SIGHT177 Location: Link to External Registration Register to join Contact: Ajay Poddar (akpoddar@ieee.org), Edip Niver (edip.niver@njit.edu), Anisha Apte (anisha_apte@ieee.org), Durga Misra (dmisra@njit.edu), Har Dayal (dayalhar@gmail.com) Speakers: Günter Pfeifer of Rohde & Schwarz; Prof. Fabien Ferrero of Université Côte d'Azur</p>
13 May 2022 09:00 AM To 11:00 AM	<p>Visual Inspection AI, Transform manufacturing quality; AND Computer Vision for Workplace Safety, Sponsor/Co-Sponsors: No Jersey/Prin-Ctr Jersey Jt Sections Chapter, IA34, LM10327 - North Jersey Section Affinity Group, LM Location: External Joining Link Required - vTools Registration link Contact: Ronald Quade (rwquade@ieee.org) Speakers: Nehal Mehta; Sercan Esen</p>
16 May 2022 07:00 PM To 08:15 PM	<p>An Introduction to the IEEE 802 LAN/MAN Standards Committee: Sponsor/Co-Sponsors: North Jersey Section Chapters, COM19, C16, New York Section Chapter, COM19 Location: Zoom Meeting Link Meeting ID: 986 7976 4598, Required: vTools Registration Link 1000 River Road, Muscarelle Center, M105, Teaneck, NJ 07666 Contact: Amit Patel (a.j.patel@ieee.org), Hong Zhao (zhao@fdu.edu), Z. Peng (zpeng@ccny.cuny.edu) Speaker: Paul Nikolich, partner in YAS Broadband Ventures LLC.</p>

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17 May 2022 06:30 PM To 08:30 PM	<p>Future of Antenna Design Procedures and Characteristic Mode Analysis</p> <p>Sponsor/Co-Sponsors: NJ Coast/Princ/Central Jersey Sec Jt Ch, AP/VT/EMC, North Jersey Section Jt Chapter, AP03/MTT17, Princeton/Central Jersey Section Affinity Group, YP, Rutgers University</p> <p>Location: Zoom Meeting Link Meeting ID: Will be sent via email Required: vTools Registration Link</p> <p>Contact: Filomena Citarella (fcitarella@aol.com), Ajay Poddar (akpoddar@ieee.org), Katalin (Katalin.F.US@ieee.org)</p> <p>Speaker: Dr. Mahrukh Khan, Ph.D. of The College of New Jersey (TCNJ)</p>
21 May 2022 09:30 AM To 10:30 PM	<p>Human-Robot Collaborative Learning of Human Welder Intelligence for Enhancing Human Welder Skills and Robotizing Complex Welding Processes</p> <p>Sponsor/Co-Sponsors: North Jersey Section Chapters, RA24, SMC28</p> <p>Location: Virtual Meeting Link Meeting ID: Required: vTools Registration Link</p> <p>Contact: Mengchu Zhou (zhou@njit.edu), X. W. Guo (x.w.guo@163.com),</p> <p>Speaker: YuMing Zhang</p>
01 Jun 2022 06:30 PM to 08:30 PM	<p>IEEE North Jersey Section - EXCOM - Zoom: North Jersey Section, R10327 - North Jersey Section</p> <p>Location: Required - vTools Registration link</p> <p>Contact: Ajay Poddar (akpoddar@ieee.org), Adriaan van Wijngaarden (avw@ieee.org)</p>
22 Jul 2022 08:30 AM To 05:00 PM	<p>One-Day Summer Camp for Female High School Students: SHE in ECE</p> <p>Sponsor/Co-Sponsors: North Jersey Section Chapters/Jt Chapters - CAS04/ED15, SIGHT177, AP03/MTT17, North Jersey Section Affinity Group, WIE</p> <p>Location: NJIT, ATRIUM, 154, Summit Street. Newark, NJ 07102 (To be Decided)</p> <p>Required: vTools Registration Link</p> <p>Contact: Ajay Poddar (akpoddar@ieee.org), Edip Niver (edip.niver@njit.edu), Anisha Apte (anisha_apte@ieee.org), Durga Misra (dmisra@njit.edu),</p> <p>Speaker/Instructor: Prof. Durga Misra</p>

Past Month's Events – April 2022 Events

Date & Time	Title
01 Apr 2022 09:00 AM	Cybersecurity For Industrial Control Systems - SEL, (PES/ IAS/ LM Joint Meeting) North Jersey Section Chapter PE31/IA34 North Jersey/Prin-Ctr Jersey Jt Sections, Chapter, North Jersey Section Affinity Group, LM
06 Apr 2022 06:00 PM	IEEE North Jersey Section - EXCOM - Zoom Meeting 6:00 PM: North Jersey Section - North Jersey Section
11 Apr 2022 07:30 PM	Do Good Things Health and Medical Device Literacy SIGHT Group Project: IEEE New Jersey Coast and North Jersey Section SIGHT 119, SIGHT177
11 Apr 2022 07:30 PM	Medical Electronics: Health & Medical Devices Literacy: North Jersey Section Jt Chapter, AP03/MTT17, SIGHT
13 Apr 2022 12:00 PM	Input Intelligence on Mobile Devices: North Jersey Section Chapter, C16, SP01
14 Apr 2022 02:00 PM	Mastering EVM: Optimizing Your Signal Generator: North Jersey Section Jt Chapter, AP03/MTT17, ED15/CAS04, EMBS18
20 Apr 2022 01:00 PM	Prepare a Robust 5G NR Spectrum for Deployment: North Jersey Section Jt Chapter, AP03/MTT17 CAS04/ED15, EMB18, TEM14, VT06, PHO36, SIGHT177
21 Apr 2022 01:00 PM	How Network Testing Ensures 5G Network Performance: North Jersey Section Jt Chapter, AP03/MTT17 CAS04/ED15, EMB18, TEM14, VT06, PHO36, SIGHT177
21 Apr 2022 06:00 PM	Machine Learning Techniques for Network Analysis : New Jersey Coast Section Chapter, COM19 New Jersey Coast Section Jt. Chapter, IM09/C16, COM19 (New York Section Chapter, Chicago Section Chapter, Long Island Section Chapter, Washington Section Chapter, North Jersey Section Chapter, Buffalo Section Chapter) Princeton/Central Jersey Sec Jt Chap, CT08/COM19, New Jersey Coast Section Affinity Group, CN
22 Apr 2022 01:00 PM	Four phases of the holistic 5G network optimization: North Jersey Section Jt Chapter, AP03/MTT17, CAS04/ED15, EMB18, TEM14, VT06, PHO36, SIGHT177
23 Apr 2022 01:00 PM	Recent Advances in Motion Control of Underwater Vehicles for Inspection Applications: North Jersey Section Chapter, AES10, COM 19
26 Apr 2022 12:00 PM	Apples to apples 5G network benchmarking: North Jersey Section Jt Chapter, AP03/MTT17 CAS04/ED15, EMB18, TEM14, VT06, PHO36, SIGHT177, RA24
26 Apr 2022 06:30 PM	Future of Antenna Design Procedures and Characteristic Mode Analysis, NJ Coast/Princ/Central Jersey Sec Jt Ch, AP/VT/EMC, North Jersey Section Jt. Chapter AP03/MTT17, Princeton/Central Jersey Section Affinity Group, YP, STB01681 - Rutgers University Student Branch Chapter
26 Apr 2022 06:30 PM	IEEE SIGHT Day: Future of Antenna Design Procedures and Characteristic Mode Analysis: NJ Coast/Princ/Central Jersey Sec Jt Ch, AP/VT/EMC, North Jersey Section Jt Chapter, AP03/MTT17, YP10329 - Princeton/Central Jersey Section Affinity Group, YP, STB01681 - Rutgers University, SIGHT119 - IEEE New Jersey Coast Section SIGHT, R10345 - New Jersey Coast Section

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](#)

2022 IEEE North Jersey Section Volunteers

Executive Committee

Chair – Ajay K. Poddar
akpoddar@synergymwave.com
First Vice-Chair – Hong Zhao
zhao@fdu.edu

Second Vice-Chair – Emad Farag
enfarag@ieee.org

Secretary – Adriaan J. van Wijngaarden
avw@ieee.org

Treasurer – Avimanyou Vatsa
avatsa@fdu.edu

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
mondal@fdu.edu

Society Chapters

Aerospace Electronic Systems

Chair – Cherif Chibane
cherif.chibane@gmail.com
Vice-Chair – Kirit Dixit kdixit@ieee.org

Antennas and Propagation / Microwave Theory and Techniques

Co-Chair – Ajay Poddar
akpoddar@synergymwave.com
Co-Chair – Edip Niver niver@adm.njit.edu
Co-Chair – Anisha Apte
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Circuits and Systems/Electron Devices

Chair – Durga Misra
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Communications

Chair – Amit Patel
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Computer

Chair – Hanna (Hong) Zhao
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Computational Intelligence Society

Chair: Prasenjit Bhadra
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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

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Chair – Ken Oexle
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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

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Co-Chair – Michael Miller
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Robotics & Automation

Chair – Naresh Chand
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Vice Chair – Shilpi Chakraborty
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Signal Processing

Chair – Alfredo Tan
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Social Implications of Technology

Chair – Kirit Dixit
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Systems, Man, and Cybernetics

Chair – Mengchu Zhou
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Technology & Engineering Management

Chair – Kirit Dixit
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Vehicular Technology
Chair – Ionel Bajescu nelu108@yahoo.com

Affinity Groups and Councils

Consultants Network

Co-Chair – Jim Julian
consultant@jimjulian.com
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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Nanotechnology Council

Chair – Eui-Hyeok Yang
ehyang@ieee.org

North Jersey SIGHT Group

Chair – Anisha Apte
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Co-Chair – Dushyant Deshmukh
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Committees

Audit Committee

Co-Chair – Kalyan Mondal
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Co-Chair – Mani Iyer
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Awards & Recognitions

Co-Chair – Ken Oexle

k.oexle@ieee.org

Co-Chair – Adriaan J. van Wijngaarden
avw@ieee.org

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
chitrav55@gmail.com
Co-Chair – Naresh Chand
chandnaresh@gmail.com

Government and Industrial Liaisons

Co-Chair – Art Greenberg
a.h.greenberg@ieee.org
Co-Chair – Russell C. Pepe
rcpepe@ieee.org

Group coordinator / History

Chair – Howard Leach
h.leach@ieee.org

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 Kennell
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TPC Co-Chair – Ajay Poddar
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Newsletter

Chair – Anisha Apte anisha_apte@ieee.org

Nominations and Appointments

Kalyan Mondal mondal@fdu.edu
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

Yu-Dong Yao –
Yu-Dong.Yao@stevens.edu
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Emad Farag – enfarag@ieee.org

Student Activities

Chair – Hong Zhao
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Student Representative Committee

Chair – Kalyan Mondal mondal@fdu.edu

Webmaster

Co-Chair – Adriaan J. van Wijngaarden
avw@ieee.org
Co-Chair – Avimanyou Vatsa
avatsa@fdu.edu