

# IEEE North Jersey Section

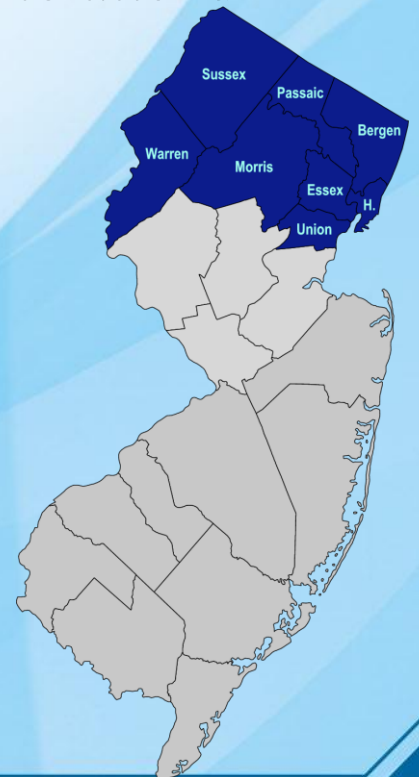
## IEEE North Jersey Section Newsletter

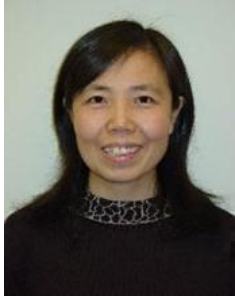
**VOL. 70, NO. 08 Issue: SEPTEMBER 2024**

Prior registration is highly encouraged to attend  
any event.

**IEEE North Jersey Section Website**

**IEEE North Jersey Section - Roster**





## Chair's Note - A Message from the IEEE North Jersey Section Chair, Prof. Hong Zhao

As we transition into September, our focus on Artificial Intelligence (AI) continues to be at the forefront of our efforts. This month, we have an exciting lineup of seminars, short courses, and events that explore the latest advancements in AI and its applications across various fields.

We kick off with seminars that delve into the intricacies of Large Language Models and innovative Machine-Learning applications in Nanophotonic Device Design. A highlight of this month is the NJACS Symposium, where we will showcase groundbreaking research on Deep Learning and AI applications in Communications. This symposium promises to be a significant gathering for those keen on the intersection of AI and communication technologies.

Furthermore, the Photonics Society Chapter, along with several other co-sponsoring chapters of the North Jersey Section, are hosting Distinguished Lecture Talks. These sessions will cover both technical aspects and professional development, offering a well-rounded experience for all attendees.

I am also pleased to announce that the IEEE North Jersey Section Communications Society Chapter is offering a “Deep Learning with Applications” course starting on September 21st. This course is an excellent opportunity for members to deepen their understanding of AI and its practical applications.

Please stay tuned for all these wonderful opportunities to learn, collaborate, and advance our collective knowledge in AI. Your participation and engagement are what make our community vibrant and innovative.

### IEEE – IMPORTANT EVENTS, ARTICLES, ANNOUNCEMENTS, AND REMINDERS:

- [This Month's Communications Society News from Around the World](#)
- [North Jersey Section Call for Nominations](#)
- [Power Skills-Keys to Success - An article by Harry Roman](#)
- [38<sup>th</sup> AP/MTT Mini-Symposium](#)
- [SHE IN ECE 2024 – Event Covered in the CAS Newsletter](#)

## North Jersey Section Call for Nominations

Dear North Jersey Section Members,

We are pleased to announce the North Jersey Section Annual Election. Candidate nominations are now being accepted for the **IEEE North Jersey Section** Annual Election.

We are seeking nominations for the following elected position(s).

- Chair
- First Vice Chair (Vice Chair)
- Second Vice Chair (Vice Chair)
- Secretary
- Treasurer
- Members-At-Large (3 Positions)

Nominees must be IEEE members of **the North Jersey Section as of 04 September 2024 07:21 PM America/New\_York and be a** Graduate Student Member, Member, Senior Member, Life Member, or Fellow grade.

**The nomination deadline is 16 September 2024 06:33 PM America/New\_York.** The Petition opening will be announced to all eligible members, and the deadline to place petitions will be 25 October 2024 06:33 PM America/New\_York. Voting will be held utilizing vTools.

Please go to [https://nominations.vtools.ieee.org/tego/\\_nominate\\_or\\_petition/R10327](https://nominations.vtools.ieee.org/tego/_nominate_or_petition/R10327) using your IEEE account credential to nominate yourself or another member. With nominations, we ask each candidate to present a biography and a statement of plan.

Election Committee, Chair  
**Durga Misra**

## Power Skills-Keys to Success

They are not soft skills, nor are they professional skills. They are “Power Skills” essential for success in the business world. These are the skills that engineers use to convert ideas into reality and create humanitarian value while earning great salaries.

I have never seen an engineer or technical person fired for incompetence, but I have seen careers ruined when such people had poor written and oral communication skills, especially the latter. Being able to speak in front of corporate leaders to get your ideas effectively heard is an absolute must for obtaining corporate resources to turn your ideas into reality.

Teamwork skills are huge in the business world and those professionals that can be both a follower and a leader on project teams are the essential ingredients for bringing raw ideas to market.

The leadership skills that allow for the assembly of high-quality project teams and the ability to manage and direct them are pure gold in the modern corporation.

Being able to educate and train new employees and develop existing valuable ones gives the corporation the vigor to grow and meet the challenges of the future. Those leaders who can connect employees to the future are the corporate "farmers" who tend the business soil for tomorrow.

Thinking and analyzing problems both broadly and deeply, simultaneously--seeing the pieces to a problem and the whole problem at once-- is incredibly important, especially when planning and organizing team members to solve important problems.

There are other great skills, but these are the ones that ring my bell and echo my 53 years of experience. Feel free to add more! Better yet, teach young engineers to appreciate and profit through them.

Harry T. Roman, Life Senior Member

Author & Advisor, Edison Innovation Foundation

(Retired-PSE&G Co.)

htroman49@aol.com



THE INSTITUTE OF ELECTRICAL AND ELECTRONIC ENGINEERS, INC.  
 NORTH JERSEY SECTION  
 MTT-Society & AP-Society Joint Chapters PRESENTS  
**38th ANNUAL SYMPOSIUM AND MINI-SHOW**

**WEDNESDAY, OCTOBER 9, 2024**

Hanover Manor, 16 Eagle Rock Ave., East Hanover, NJ 07936. 973-992-7425

**TECHNICAL SYMPOSIUM from 8:50 AM – 4:30 PM**

**MINI SHOW featuring the latest products 9:00 AM - 4:30 PM**

Time	Topic	Speaker	Title	Affiliation
8:50	Opening Remarks	George Kannell	Technical Chair IEEE MTT/AP	L3Harris
9:00-9:30	Spoof Surface Plasmon Polariton Based Integrated Circuits	Dr. Shibani Koul	IIT Delhi, India IEEE Inter-Society, (AP-MTT-EMC)	Honorary Professor the Indian Institute of Technology
9:30-10:00	Guided Wave Theory: Can eigenvalues be extracted from propagation characteristics, or vice versa?	Dr. Levent Sevgi	Chair IEEE AP-S DL Professor	EMC TURKIYE – ISTANBUL
<b>10:00 BREAKFAST BREAK - MINI SHOW EXHIBITION</b>				
11:00-11:30	Multi-Function Multi-Band Reconfigurable High-Q Filters	Dr. Rafaat Mansoor	MTT-S DL; Professor of Electrical & Computer Engineering	University of Waterloo
11:30-12:00	Noise in Oscillators with Active Inductors	Dr. Ulrich L Rohde	Professor President & Chairman	University of Joint Forces DE, Synergy Microwave
<b>12:00 LUNCH</b>				
1:00-1:30	RF and Sensor Networks for Environmental and Climate Change Efficiency	Dr. David Padi	Business Relationship Manager	The United Nations
1:30-2:00	Indian GNSS Paradigm- A Step towards Self-sustenance- (Atmanirbharata)*	Dr. Surendar Pal	Vice-Chancellor Defense Institute of Adv. Tech Pune, Founder Program Director-ISRO	ISRO, Indian Space Research Organization
2:00-2:30	Simultaneous Transmit & Receive (STAR) for Next Gen Comms 5G & 6G	Dr. Alan Brannon	Sr. Principal Research Associate, Prof. Adjunct	University of Colorado Boulder
<b>2:30 BREAK - MINI SHOW EXHIBITION</b>				
3:00-3:30	Optics in Electronic Warfare	Piotr Zelazny	Systems Engineer	L3Harris
3:30-4:00	Non-Terrestrial Networks: Where 5G and SatCom Converge	Mike McLernon	Principal Technical Marketing Engineer	MathWorks
4:00-4:30	EW Environmental Generation Overview	Bill Kardine	EW BDM	Rohde and Schwarz
5:00	Closing remarks	Kirit Dixit	Chair MTT/AP Symposium	Microcom Sales

Registration is on-site. Section Home page: <http://sites.ieee.org/northjersey/>

**ALL ARE WELCOME (IEEE Membership not required). REGISTRATION IS ON-SITE  
 THERE IS NO CHARGE TO ATTEND THE SYMPOSIUM OR SHOW.  
 COMPLIMENTARY BREAKFAST / LUNCH INCLUDED FOR ALL.**

FURTHER INFORMATION

General Event Chair	Kirit Dixit	201-669-7599	kdixit@microcomsales.com
Technical Program Chair	George Kannell	973-284-3682	george.kannell@L3Harris.com
Co-Chair AP/MTT Chapter	Dr. Anisha Apte		anisha_apte@ieee.org
Chair AP/MTT Chapter	Dr. Ajay Poddar	201-560-3806	akpoddar@ieee.org
Vice-Chair AP/MTT Chapter	Professor Edip Niver	973-596-3542	edip.niver@njit.edu
Event Coordinator	Har Dayal	973-628-7394	dayalhar@gmail.com
Event Coordinator	Ken Oexle		k.oexle@ieee.org
Event Coordinator	Russell Pepe	201-960-6796	rpepe@att.net
Event Coordinator	Howard Leach		h.leach@ieee.org
Chair North Jersey	Dr. Hong Zhao		zhao@fdu.edu





**GRADUATE SCHOOL VIRTUAL OPEN HOUSE!**

**Tuesday, September 17, 2024, 5 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*

<p><b>*Cybersecurity &amp; Information Assurance</b></p> <p><b>*Electrical Engineering</b></p> <p><b>*E-Commerce</b></p>	<p><b>*Management Information Systems</b></p> <p><b>*Computer Engineering</b></p> <p><b>*Computer Science (Data Science, Cloud Computing and more)</b></p>
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*Scan Zoom Registration*



*Scan Grad Program Info*







**GRADUATE SCHOOL VIRTUAL OPEN HOUSE!**

**Tuesday, October 15, 2024, 5 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*

<p><b>*Cybersecurity &amp; Information Assurance</b></p> <p><b>*Electrical Engineering</b></p> <p><b>*E-Commerce</b></p>	<p><b>*Management Information Systems</b></p> <p><b>*Computer Engineering</b></p> <p><b>*Computer Science (Data Science, Cloud Computing and more)</b></p>
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*Scan Zoom Registration*



*Scan Grad Program Info*








Co-sponsored by North Jersey Section Jt Chapters, PHO36, CAS04/ED15, AP03/MTT17, North Jersey Section SIGHT, Affinity Group, WIE and the North Jersey Section, New Jersey Coast Section Jt. Chapter, IM09/C16

**IEEE PHOTONICS SOCIETY DISTINGUISHED LECTURER: Dr. Daniel Renner**




**Title:** *Professional Development Talk Title: "Life at a Photonic Startup – A very personal account"*

**Date:** 24<sup>th</sup> SEPTEMBER 2024, 06:00 PM to 07:30 PM

**Brief Agenda:**


- 6:00-6:15 Networking
- 6:15-7:15 – Talk
- 7:15-7:30 Q/A, Discussion

**Location:** NJIT, ECE 202, 154 Summit Street, Newark, NJ 07102



Co-sponsored by North Jersey Section Jt Chapters, PHO36, CAS04/ED15, AP03/MTT17, North Jersey Section SIGHT, Affinity Group, WIE and the North Jersey Section, New Jersey Coast Section Jt. Chapter, IM09/C16

**IEEE PHOTONICS SOCIETY DISTINGUISHED LECTURER: Dr. Daniel Renner**



**Title:** *Monolithic, Heterogeneous, and Hybrid Photonic Integration – There is a role for all*

**Date:** 25<sup>th</sup> SEPTEMBER 2024, 06:00 PM to 07:30 PM

**Brief Agenda:**

- 6:00-6:15 Networking
- 6:15-7:15 – Talk
- 7:15-7:30 Q/A, Discussion

**Location:** M105, Muscarelle Building, Fairleigh Dickinson University, 1000 River Rd. Teaneck, NJ 07666

## The IEEE Women in Engineering (WIE) Forum USA East

The IEEE Women in Engineering (WIE) Forum USA East is dedicated to fostering leadership development for professionals at every career stage. Rotating between IEEE Region 1 and Region 2 in the Northeast USA, our forum offers attendees the chance to gain inspiration and empowerment from renowned leaders. Participants will explore emerging technologies and innovative STEM outreach initiatives through dynamic workshops and engaging panel discussions.

### FORUM FOCUS AREAS

**Inspire:** Ignite positive career and personal growth

**Empower:** Unleash your full potential

**Lead:** Elevate your leadership skills and career trajectory

**Workshops:** Develop and enhance essential skills

**Career Fairs:** Connect with leading organizations





# Calendar of Events

## Upcoming Events: September 2024 Onwards

Title	Date	Hosts	Location
IEEE North Jersey Section September 2024 EXCOM - Meeting 6:30 PM: North Jersey Section	04 Sep 2024 06:30 PM	R10327	Hybrid Teaneck, New Jersey
Large Language Models (LLMs) for NextG Wireless Networks: IEEE Future Networks Community	05 Sep 2024 06:00 PM	C-FN772, R10327, R20035	Virtual
IEEE SSIT Lecture: Automating Empathy in Human-AI Partnerships: Issues, Ethics and Governance: UK and Ireland Section Chapter, SIT30	10 Sep 2024 06:00 PM	CH01070, CH01075, CH01092, CH01177, CH01239, CH01258, CH01268, CH01285, CH02100, CH04055, CH06042, CH07171, CH08031, CH08667, CH08917, LM10345, LM30385, R30385, SIGHT060, SIGHT119, SIGHT177, WE10327	Virtual
Integrated Sensing and Communications: A Communication Theory Perspective: North Jersey Section Chapter, AES10	10 Sep 2024 07:00 PM	CH01081, CH01092, CH01153, CH01178, CH01215, CH01253, CH02067, SIGHT177, WE10327	Virtual

Machine Learning and Photonic Devices: North Jersey Section Chapter, PHO36	12 Sep 2024 05:00 PM	CH01092, CH01178, CH01262	Murray Hill, New Jersey
IEEE NJACS 2024 -12th Annual IEEE North Jersey Advanced Communications Symposium - Themes: AI, Deep Learning, and LLM (Zoom): North Jersey Section Chapter, C16	14 Sep 2024 01:00 PM	CH01081, CH01092, CH01153, CH01156, CH01177, CH01215, CH01262, CH01294, R103, R10327	Virtual
Eminent Member Award to Dr Robert Wilson and Honorary Eminent Member Award to Dr Arno Penzias: New Jersey Coast Section Jt. Chapter,IM09/C16	17 Sep 2024 11:30 AM	C-FN772, CH01070, CH01092, LM10345, R10327, SIGHT119	Middletown , New Jersey
Deep Learning With Applications: North Jersey Section Chapter, COM 19	21 Sep 2024 01:30 PM	CH01156, R10327	Teaneck, New Jersey
Life at a Photonic Startup – A Personal Account: North Jersey Section Chapter, PHO36	24 Sep 2024 06:00 PM	CH01070, CH01081, CH01091, CH01092, CH01177, CH01178, CH01184, SIGHT177, WE10327	Newark, New Jersey

<p>Careers in Technology Fall Series 2024 - Victor B Lawrence, PhD 24 September 8 pm EST: Northwest Florida Section Chap, C16/COM19</p>	<p>24 Sep 2024 08:00 PM</p>	<p>C-FN772, CH01070, CH01092, CH02170, CH03197, CH03254, CH05005, CH05056, CH07198, HKN217, LM10345, LM30557, R10327, R30557, R50043, SIGHT119, STB63891, STB96971</p>	<p>Virtual</p>
<p>Monolithic, Heterogeneous, and Hybrid Photonic Integration – There is a role for all: North Jersey Section Chapter, PHO36</p>	<p>25 Sep 2024 06:00 PM</p>	<p>CH01070, CH01081, CH01091, CH01092, CH01095, CH01177, CH01178, CH01184, SIGHT177, WE10327</p>	<p>Teaneck, New Jersey</p>
<p>Next generation of wireless power transfer network of Unmanned Aircraft Systems (UAS: North Jersey Section Chapter, AES10</p>	<p>01 Oct 2024 07:00 PM</p>	<p>CH01043, CH01081, CH01092, CH01178, CH01215, CH01253, CH02067, SIGHT177</p>	<p>Virtual</p>
<p>AI Past, Present, and Future: North Jersey Section Chapter, AES10</p>	<p>08 Oct 2024 07:00 PM</p>	<p>CH01081, CH01092, CH01178, CH01215, CH01253, CH02067, SIGHT177, WE10327</p>	<p>Virtual</p>
<p>38th Annual Symposium and Mini-Show - Exhibitor Registration Site: North Jersey Section Jt Chapter, AP03/MTT17</p>	<p>09 Oct 2024 08:00 AM</p>	<p>CH01092</p>	<p>East Hanover, New Jersey</p>

<p>EDS Distinguished Lecture: Compacting Models: The Art of Compact Modeling (Unification of Compact Models with the Unified Regional Modeling Approach): North Jersey Section Jt Chapter, CAS04/ED15</p>	<p>16 Oct 2024 04:45 PM</p>	<p>CH01092, CH01184</p>	<p>Newark, New Jersey</p>
<p>IEEE Neutrodyne Circuit Milestone Dedication: North Jersey Section</p>	<p>19 Oct 2024 12:00 PM</p>	<p>R10327</p>	<p>Hoboken, New Jersey</p>
<p>Worldwide standardization activities of AI: North Jersey Section Chapter, AES10</p>	<p>22 Oct 2024 07:00 PM</p>	<p>CH01092, CH01178, CH01215, CH01253, CH02067, SIGHT177, WE10327, YP10327</p>	<p>Virtual</p>

**[For Past Month's Events – AUGUST 2024 - Click Here](#)**

## 2024 IEEE North Jersey Section Volunteers

### *Executive Committee*

**Chair** – Hong Zhao [zhao@fdu.edu](mailto:zhao@fdu.edu)

**First Vice-Chair** – Emad Farag  
[enfarag@ieee.org](mailto:enfarag@ieee.org)

**Second Vice-Chair** – Anisha Apte  
[anisha\\_apte@ieee.org](mailto:anisha_apte@ieee.org)

**Secretary** - Adriaan J. van  
Wijngaarden [avw@ieee.org](mailto:avw@ieee.org)

**Treasurer** – Avimanyou Vatsa  
[avatsa@fdu.edu](mailto:avatsa@fdu.edu)

### **Member-at-Large**

Naresh Chand -  
[chandnaresh@gmail.com](mailto:chandnaresh@gmail.com)

Har Dayal – [dayalhar@gmail.com](mailto:dayalhar@gmail.com)

Alfredo Tan – [tan@fdu.edu](mailto:tan@fdu.edu)

**Junior Past Chair** – Ajay K.  
Poddar [akpoddar@ieee.org](mailto:akpoddar@ieee.org)

**Senior Past Chair** – Yu-Dong Yao  
[Yu-Dong.Yao@stevens.edu](mailto:Yu-Dong.Yao@stevens.edu)

### *Society Chapters*

#### *Aerospace Electronic Systems*

**Chair** – Cherif Chibane  
[cherif.chibane@gmail.com](mailto:cherif.chibane@gmail.com)

**Vice-Chair** – Kirit Dixit -  
[kdixit@ieee.org](mailto:kdixit@ieee.org)

#### *Antennas and Propagation / Microwave Theory and Techniques*

### **Co-Chairs**

Ajay Poddar  
[akpoddar@synergymwave.com](mailto:akpoddar@synergymwave.com)

Edip Niver [niver@adm.njit.edu](mailto:niver@adm.njit.edu)

**Vice-Chair** – Anisha Apte  
[anisha\\_apte@ieee.org](mailto:anisha_apte@ieee.org)

#### *Circuits and Systems/Electron Devices*

**Chair** – Durga Misra  
[dmisra@njit.edu](mailto:dmisra@njit.edu)

**Vice Chair** - Shaahin Angizi  
[shaahin.angizi@njit.edu](mailto:shaahin.angizi@njit.edu)

#### *Communications*

**Chair** – Amit Patel -  
[a.j.patel@ieee.org](mailto:a.j.patel@ieee.org)

#### *Computer*

**Chair** – Hong Zhao -  
[zhao@fdu.edu](mailto:zhao@fdu.edu)

**Vice Chair** -Tao Han -  
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#### *Computational Intelligence Society*

**Chair:** Prasenjit Bhadra -  
[prasenjit@ieee.org](mailto:prasenjit@ieee.org)

**Vice-Chair:** Ratna Raj -  
[ratna.raj@njit.edu](mailto:ratna.raj@njit.edu)

#### *Control Systems*

**Chair** – Marcos Netto  
[marcos.netto@njit.edu](mailto:marcos.netto@njit.edu)

#### *Electromagnetic Compatibility/Product Safety Engineering*

**Chair** – Russell C. Pepe -  
[rcpepe@ieee.org](mailto:rcpepe@ieee.org)

#### *Engineering in Medicine and Biology*

**Chair** – Yu-Dong Yao -  
[Yu-Dong.Yao@stevens.edu](mailto:Yu-Dong.Yao@stevens.edu)

#### *Industrial Applications*

**Chair** – Ken Oexle -  
[k.oexle@ieee.org](mailto:k.oexle@ieee.org)

#### *Information Theory*

**Chair** – Adriaan J. van  
Wijngaarden [avw@ieee.org](mailto:avw@ieee.org)

#### *Instrumentation & Measurement*

**Chair** – Russell C. Pepe -  
[rcpepe@ieee.org](mailto:rcpepe@ieee.org)

#### *Photonics*

**Chair** – Naresh Chand  
[chandnaresh@gmail.com](mailto:chandnaresh@gmail.com)

#### *Power & Energy*

### **Co-Chairs**

Ronald W. Quade  
[rwquade@ieee.org](mailto:rwquade@ieee.org)

Michael Miller  
[michaelamiller8@gmail.com](mailto:michaelamiller8@gmail.com)

#### *Robotics & Automation*

**Chair** - Mengchu Zhou

[zhou@njit.edu](mailto:zhou@njit.edu)

**Vice Chair** - Shilpi Chakraborty

[shilpi@ieee.org](mailto:shilpi@ieee.org)

#### *Signal Processing*

**Chair** – Alfredo Tan - [tan@fdu.edu](mailto:tan@fdu.edu)

#### *Social Implications of Technology*

**Chair** – Kirit Dixit -  
[kdixit@ieee.org](mailto:kdixit@ieee.org)

#### *Systems, Man, and Cybernetics*

**Chair** – Weitian Wang  
[wangw@montclair.edu](mailto:wangw@montclair.edu)

#### *Technology & Engineering Management*

**Co-Chairs** – Kirit Dixit  
[kdixit@ieee.org](mailto:kdixit@ieee.org)

Rakesh Singh  
[rakeshsingh49@gmail.com](mailto:rakeshsingh49@gmail.com)

#### *Vehicular Technology*

**Chair** – Ionel Bajescu  
[nelu108@yahoo.com](mailto:nelu108@yahoo.com)

***Affinity Groups and Councils***

***Consultants Network***

**Co-Chairs**

Jim Julian  
consultant@jimjulian.com

Jay Morreale [p-brane@p-brane.com](mailto:p-brane@p-brane.com)

***Young Professionals***

**Chair** – Larry Yang –

[larry.yang@alcatel-lucent.com](mailto:larry.yang@alcatel-lucent.com)

**Vice Chair** -Patrick Beesley  
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***Women in Engineering***

**Co-Chairs**

Chitra Venkatraman  
[chitrav55@gmail.com](mailto:chitrav55@gmail.com)

Ratna Raj ([ratna.raj@njit.edu](mailto:ratna.raj@njit.edu))

Reena Dahle  
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***LIFE Members***

**Co-Chairs**

Ken Oexle - [k.oexle@ieee.org](mailto:k.oexle@ieee.org)

Michael Miller -  
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***Nanotechnology Council***

**Chair** - Eui-Hyeok Yang -  
[ehyang@ieee.org](mailto:ehyang@ieee.org)

***North Jersey SIGHT Group***

**Co-Chairs**

**Anisha Apte** -  
[anisha\\_apte@ieee.org](mailto:anisha_apte@ieee.org)

Dushyant Deshmukh  
[pranavdush@gmail.com](mailto:pranavdush@gmail.com)

***Committees***

***Audit Committee***

**Co-Chairs**

Ajay Poddar - [akpoddar@ieee.org](mailto:akpoddar@ieee.org)

Kalyan Mondal - [mondal@fdu.edu](mailto:mondal@fdu.edu)

Mani Iyer - [mani.iyer@ieee.org](mailto:mani.iyer@ieee.org)

***Awards & Recognitions***

**Co-Chairs**

Ken Oexle - [k.oexle@ieee.org](mailto:k.oexle@ieee.org)

Adriaan J. van Wijngaarden  
[avw@ieee.org](mailto:avw@ieee.org)

***Educational Activities***

**Co-Chairs**

Donald Hsu –  
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Kalyan Mondal – [mondal@fdu.edu](mailto:mondal@fdu.edu)

Amit Patel – [a.j.patel@ieee.org](mailto:a.j.patel@ieee.org)

***Employment Network***

**Co-Chairs**

Chitra Venkatraman  
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Naresh Chand  
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***Government and Industrial Liaisons***

**Co-Chairs**

Art Greenberg  
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Russell C. Pepe [rcpepe@ieee.org](mailto:rcpepe@ieee.org)

***Group Coordinator / History***

**Chair** – Howard Leach -  
[h.leach@ieee.org](mailto:h.leach@ieee.org)

***Legal Activities***

**Chair** – Vacant

***Membership Development***

**Chair** – Michael Newell -  
[msnewell@ieee.org](mailto:msnewell@ieee.org)

***MTT/AP Trade Show and Symposium***

**Chair** – Kirit Dixit -  
[kdixit@ieee.org](mailto:kdixit@ieee.org)

**Vice-Chair** – Har Dayal -  
[dayalhar@gmail.com](mailto:dayalhar@gmail.com)

**TPC Co-Chair** – George Kennall

[gkk@lgsinnovations.com](mailto:gkk@lgsinnovations.com)

**TPC Co-Chair** – Ajay Poddar  
[akpoddar@ieee.org](mailto:akpoddar@ieee.org)

***Newsletter***

**Chair** – Anisha Apte  
[anisha\\_apte@ieee.org](mailto:anisha_apte@ieee.org)

***Nominations and Appointments***

Ajay Poddar - [akpoddar@ieee.org](mailto:akpoddar@ieee.org)

Kalyan Mondal - [mondal@fdu.edu](mailto:mondal@fdu.edu)

Durga Misra - [dmisra@njit.edu](mailto:dmisra@njit.edu)

***PACE***

**Chair** – Russell C. Pepe -  
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