



# THE PULSE

OF LONG ISLAND



## INSIDE THIS ISSUE

- + Section Chair's Message | 2
- + IEEE Long Island Events | 5
- + FEATURE ARTICLE:  
**Plug Into the Future of Power Electronics** | 5
- + IEEE Long Island Conferences | 6-9
- + IEEE Member Benefits | 10
- + Call for IEEE Senior Membership | 11



Dear IEEE Long Island Section Members, I hope this message finds you enjoying all that summer has to offer – longer days, warm evenings, and moments of laughter, refreshment, and camaraderie. This season gives us a welcome pause to catch our breath, celebrate how far we've come, and prepare for what's next.

Over the past months, our Section has continued to thrive because of you – your ideas, your time, and your commitment to advancing technology for the benefit of humanity. Whether through volunteering, attending events, sharing expertise, or supporting colleagues, each of you has played a role in strengthening our IEEE community on Long Island. For that, I offer my heartfelt thanks.

As we turn our attention toward the fall, I'm excited for what lies ahead. Our next Executive Committee meeting in September will open the door to a new season of opportunities – from technical talks and networking events to collaborative initiatives and symposiums. These gatherings not only connect us but also help our Section earn activity bonuses, which in turn support even more programs for our members.

Now is the perfect time to start thinking about how you'd like to engage in the months ahead. Consider hosting an event, proposing a new idea, or lending your skills to a project. Every contribution helps us grow and extend our impact within IEEE and beyond.

Until then, I encourage you to make the most of the remaining summer weeks. Rest, recharge, and return in September ready to help us write the next chapter of the IEEE Long Island Section story.

With gratitude and anticipation,

**Rhonda Green**

*2025 IEEE Long Island Section Chair*  
[chair@ieee.li](mailto:chair@ieee.li)



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### THE IEEE LONG ISLAND SECTION WEBSITE

The IEEE LI Section website is regularly updated to reflect recent section activity and upcoming events. Each Society and Affinity Group has a dedicated page that describes their function and includes contact information.

[www.consult-li.com](http://www.consult-li.com)

### CONSULTANT'S NETWORK OF LONG ISLAND

The Consultant's Network of Long Island maintains a referral service of engineering, computer, managerial and technical professionals.

[membership@ieee.li](mailto:membership@ieee.li)

### MEMBERSHIP DEVELOPMENT

For more information on membership with the LI Section of the IEEE, e-mail John Schmidt at: [membership@ieee.li](mailto:membership@ieee.li)



THE IEEE LONG ISLAND SECTION HAS 19 CHAPTERS. EACH CHAPTER IS A TECHNICAL SUBUNIT OF THE LI SECTION, ASSOCIATED WITH AN IEEE SOCIETY. THE CHAPTERS, AS WELL AS THE SECTION, ARE ALWAYS WELCOMING VOLUNTEERS. IF YOU WOULD LIKE TO HELP WITH ANY OF THE CHAPTER'S STEERING GROUPS, PLEASE CONTACT THE RELEVANT CHAPTER CHAIR, VICE CHAIR, OR ONE OF THE SECTION OFFICERS.

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## LOOKING FOR AN UPDATE ON SECTION EVENTS?

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# PLUG INTO THE FUTURE OF POWER ELECTRONICS

JAMES  
COLOTTI

REGISTER NOW AND LEARN MORE: [WWW.IEEE.LI/PES](http://WWW.IEEE.LI/PES)



Energy in the air and innovation at every booth at the 2024 IEEE LI Symposium

Get ready for a charged-up day of innovation, networking, and cutting-edge tech! On Thursday, November 6, the **7th Annual IEEE Long Island Power Electronics Symposium and Exhibits** returns, bringing together the brightest minds and boldest ideas in the power electronics industry.



Hands-on Power: Interactive tech took center stage at the 2024 IEEE LI Symposium

Whether you're an engineer, manager, designer, or procurement pro, if your work touches power supplies, converters, power management, energy storage, or servos, this event is made for you. Professionals across military, industrial, medical, space, consumer, and automotive sectors we'll be there – will you?

Last year's event was electric: 70+ companies filled a buzzing 49-table exhibit hall; Two live lecture tracks delivered deep technical insights; 8 PDH-approved sessions provided career-building knowledge; 511 attendees made it the go-to gathering for the power community.



Power players packed the room as Brian Miller unpacked GaN FETs – Part of 2024's PDH lecture lineup

We even kicked off with a keynote from Brian Zahnstecher of PowerRox, exploring the evolving role of *"The Northeast Regional Power Electronics Community."* This year promises to be even bigger. Don't miss your chance to be a part of it.





# IEEE LONG ISLAND SYMPOSIUM: AI IN CLOUD COMPUTING

AUGUST 21, 2025 • 5:00 PM EST • VIRTUAL via ZOOM



## ABOUT THE SYMPOSIUM

Join us for an exciting virtual event that explores how Artificial Intelligence is transforming Cloud Computing across enterprise, education, and government sectors. The symposium will convene innovators, technologists, and thought leaders to showcase real-world applications, implementation strategies, and emerging research at the intersection of AI and cloud technologies.

## CALL FOR SPEAKERS

The IEEE Long Island Computer Society invites professionals, researchers, and technologists to submit speaker proposals for the upcoming virtual symposium. We welcome proposals that spark meaningful discussion, deliver practical insights, and inspire future innovation. **Topics of Interest Include:**

- AI-powered automation in cloud-based enterprise systems
- Intelligent cloud platforms for education and public sector
- Generative AI applications in cloud environments
- MLOps and lifecycle management in the cloud
- Secure and ethical AI governance in the cloud
- Low-code/No-code AI development on cloud platforms
- AI for performance optimization and observability
- Hybrid and multi-cloud strategies for scalable AI
- Case studies from industry, academia, and government
- Relevant topics in the AI-Cloud intersection

### WHY SPEAK?

- Share your expertise with a global IEEE audience
- Showcase your innovative work in AI and cloud
- Network with technologists, educators, and public-sector leaders
- Be featured in post-event publications or IEEE LI Pulse Magazine
- Receive an official Certificate of participation

### SUBMISSION GUIDELINES:

*Please include the following in a single PDF file:*

- Talk title
- 200-word Abstract with three learning objectives. Please note that each talk can be a maximum of 30 minutes
- Speaker Bio (100-150 words)

### DEADLINE:

Submissions accepted until  
**Monday, August 11, 2025**

### SEND PROPOSALS TO:

Tirumala Rao Chimpiri  
*Chair, IEEE LI Computer Society*

Barbara Porter  
*Vice Chair, IEEE LI Computer Society*

### EMAIL:

tiru.chimpiri@gmail.com



[ieee.org/wie-forum-usa-east-2025](https://www.ieee.org/wie-forum-usa-east-2025)

NOVEMBER 6-8, 2025

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ARLINGTON, VA

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. Through dynamic workshops and engaging panel discussions, participants will explore emerging technologies and innovative STEM outreach initiatives.

## INSPIRE

Ignite positive career and personal growth

## EMPOWER

Unleash your full potential

## LEAD

Elevate your leadership skills and career trajectory

## CAREER FAIRS

Connect with leading organizations

## WORKSHOPS

Develop and enhance essential skills

[HTTPS://ATTEND.IEEE.ORG/WIE-FORUM-USA-EAST-2025/REGISTRATION/](https://attend.ieee.org/wie-forum-usa-east-2025/registration/)

### KEY DATES

### DEADLINES

General Registration Opens	June 1, 2025
Speaker Registration	August 22, 2025
Early Registration Deadline	October 3, 2025
Forum Commencement	November 6, 2025
Career Fair	November 7, 2025
Forum Conclusion	November 8, 2025

### SPONSOR



Support the conference mission to inspire and empower women as leaders in engineering and technology

### REGISTER



Register to the forum to be inspired, empowered, and lead your career

### PARTICIPATE



Participate as a speaker to inspire, empower, and foster innovation in engineering and technology

### LINKEDIN:

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### FACEBOOK:

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**THURSDAY,  
NOVEMBER 6, 2025**  
NOON TO 8 PM



**RADISSON HOTEL**, 110 MOTOR PKWY, HAUPPAUGE LI

## IEEE LI SECTION POWER ELECTRONICS SYMPOSIUM 2025

All professionals (engineers, managers, etc.) involved in the use, design, qualification, test or manufacture of power supplies, power converters, power management, servos or energy storage are invited. All sectors of power electronics are represented including military, industrial, medical, space, consumer and automotive. The first 200 registered attendees will also receive a complimentary swag bag.

### CALL FOR PAPERS

Abstract, viewgraphs, speaker bios and speaker contact information are due **October 3, 2025**. Scheduling of qualified papers is accomplished on a first-come/first-served basis. Notification of acceptance by **October 16, 2025**.



#### FREE GENERAL ATTENDANCE

REGISTRATION OPENS AUGUST 2024

A free invitation is extended to all Engineers, Managers, other Professionals and Students involved in the use, design, qualification, test or manufacture of power supplies, power converters, power management or energy storage. Registered attendees will receive complimentary networking lunch, admission to the exhibit floor, technical lectures, and a complimentary networking dinner.



#### EXHIBITORS

REGISTRATION OPENS JUNE 2024

Limited exhibitor space is available to Long Island companies and reps that cover Long Island involved in the design, qualification, test or manufacture of power supplies, power converters, power management or energy storage. Tables are 2.5' x 8' and are provided with two chairs. All exhibitors are invited to provide business cards and giveaways for the swag bags. Exhibitors are also invited to enjoy the complimentary networking lunch and the complimentary networking dinner. Exhibitor tables are offered at \$495



#### SPONSORS

REGISTRATION OPENS JUNE 2024

A sponsorship entitles you to one free table with preferential placement. In addition, your company logo is prominently placed on the 200 swag bags, symposium flyer, and on all event posters. As a sponsor, you are also entitled to have up to two business cards and two items placed in the event swag bags. The number of sponsorship opportunities is limited to five and are available on a first-come, first-served basis. Sponsorships are offered at \$1000.

FOR MORE INFORMATION, GENERAL REGISTRATION, EXHIBITOR REGISTRATION, SPONSOR REGISTRATION AND CALL FOR PAPERS: [www.ieee.li/pes](http://www.ieee.li/pes)



# LET YOUR VOICE BE HEARD

## WRITE TO THE PULSE

**The Pulse of Long Island** is a newsletter for the members of the IEEE Long Island Section. You can let your voice heard by writing to the Editor. How to bring more value to our members? Interesting new technology, or a project? An issue of interest to members of the IEEE Long Island, Long Island engineers and computer professionals, or Long Island technical community at large? Write to the **Pulse**. Let your letter be read, and your voice heard.



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## HOW CAN I CONTRIBUTE TO THE PULSE?

Send your letters or articles via email to [pulse@ieee.li](mailto:pulse@ieee.li). If selected for publication, the letter or article will be edited before being published.

**CONTRIBUTION DEADLINE:**  
20th of a month for the next month edition.

IEEE LONG ISLAND SECTION  
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CONTRIBUTE TO THE PULSE – LET YOUR LETTER BE READ and LET YOUR YOUR VOICE BE HEARD

# IEEE MEMBERSHIP and MEMBER BENEFITS

IEEE membership offers access to technical innovation, cutting-edge information, networking opportunities, and exclusive member benefits. Members support IEEE's mission to advance technology for humanity and the profession, while memberships build a platform to introduce careers in technology to students around the world.



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- Mentor the next generation of engineers and technologists and so much more.

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  - Find upcoming conferences
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*You've Always Set Yourself Apart. Now it's Time to make it Official. Nominate Yourself to become a...*

## IEEE SENIOR MEMBER



Being elevated to senior member recognizes people who have moved beyond entry-level work in their careers. It also encourages them to engage more broadly with engineers and other technical professionals in companies and universities outside their own. To be eligible for senior member status, members must have worked in a professional capacity in a technical field for at least 10 years. Educational experience is partially credited toward that time. Nominees must also have professional references from three IEEE senior members, Fellows, or honorary members. If you're interested in elevation, you don't have to wait to be nominated—you can nominate yourself.

>> **APPLY FOR SENIOR MEMBER GRADE**

## IEEE LIFE MEMBERS, *WRITE FOR THE PULSE!*



The Section is inviting you to record your stories and histories in our monthly publication, the *Long Island Pulse*. An article of approximately 300 – 350 words is recommended.

LET US HEAR FROM YOU.

Send your article to: [pulse@ieee.li](mailto:pulse@ieee.li)  
Life Member Chair: [life@ieee.li](mailto:life@ieee.li)

The **IEEE Long Island Section** has held meetings with many of our Life Members and Senior Engineers, in recent months. Your stories and histories in engineering are interesting, inspiring and should be recorded for future generations. You have served your profession for many years, many have served our country in the military, many as engineers fighting the Cold War. The many contributions are the legacy to this new digital age, space age, environmental age and beyond.

### **WANTED: IEEE LIFE MEMBER NEEDED TO VOLUNTEER TO SUBMIT A MONTHLY HISTORY ARTICLE FOR THE PULSE**

The **PULSE** is seeking a IEEE LI Life Member to write the *Long Island Electrical & Electronic History* monthly article for the **Pulse**. If interested contact [pulse@ieee.li](mailto:pulse@ieee.li)

## WE WANT YOUR STORIES





## IEEE CONSULTANTS NETWORK OF LONG ISLAND

### THE IEEE CONSULTANTS NETWORK OF LONG ISLAND (LICN)

is a nonprofit professional organization affiliated with the Institute of Electrical and Electronics Engineers. Our members include dozens of electrical, electronic, mechanical and software engineers with expertise in over 65 categories of technology and business. All are members of the IEEE and adhere to the IEEE professional codes of ethics.

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