IEEE | LONG ISLAND SECTION

THE **PULSE**

OF LONG ISLAND

INSIDE THIS ISSUE
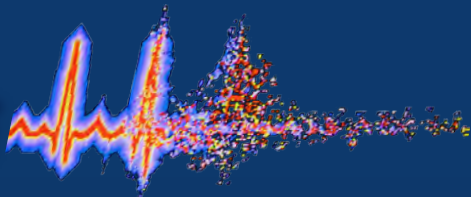
Dear **IEEE Long Island Section Members**, I hope you had a wonderful holiday season. I want to extend my heartfelt thanks to all who generously volunteered their time to our Section in 2024. Your dedication is invaluable in delivering meaningful value to our members..

I also want to express gratitude to everyone who participated in the **Long Island Section Succession Planning poll**. Based on the feedback over 82% of respondents opted to retain the current Section Officers for 2025 while actively mentoring prospective candidates for 2026.

As we set our course for 2025, please take note of the **ExCom meeting dates**:

(now scheduled on Tuesdays instead of Mondays)

January 28 @ Zebra Technologies

- March 25
- May 20
- July BBQ
- September 23
- November 18
- December Holiday Celebration

I am looking forward to having an effective year with all of your participation and support.

Please stay engaged by getting connected and getting involved.

Warmest regards,

Rhonda Green
2025 IEEE Long Island Section Chair
chair@ieee.li

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THE PULSE
OF LONG ISLAND

The Pulse of Long Island is produced by the **Long Island Section** of the **Institute of Electrical & Electronics Engineers**.

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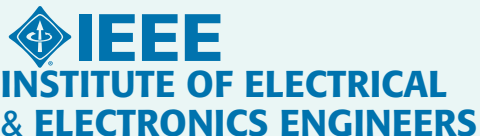
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www.ieee.li
THE IEEE LONG ISLAND SECTION WEBSITE

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
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
MEMBERSHIP DEVELOPMENT

For more information on membership with the LI Section of the IEEE, e-mail John Schmidt at: **membership@ieee.li**

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THE IEEE LI 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 LI CHAPTER'S STEERING GROUPS, PLEASE DO CONTACT THE RELEVANT CHAPTER CHAIR, VICE CHAIR, OR ONE OF THE SECTION OFFICERS.

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Email: aes@ieee.li

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LOOKING FOR AN UPDATE ON SECTION EVENTS?

FOR UPDATES ON ALL LONG ISLAND SECTION EVENTS, CHECK OUT THE IEEE LONG ISLAND SECTION WEBSITE:

www.ieee.li

UPCOMING SECTION EVENTS

APRIL 4 -6
R1/R2 JOINT STUDENT ACTIVITIES CONFERENCE: StuCon25

Where: Stony Brook University
Time: 5:00 PM - 8:00 PM

2025 IEEE R1/R2 (StuCon25) is co-sponsored by IEEE Regions 1and 2 and hosted by Stony Brook University's IEEE student branch. All college students from Regions 1and 2 are welcome to attend and participate in the competitions including: Micromouse, SumoBot, Ethics, Brown Bag, and Research Paper Competitions. Professional Development workshops for students to build their professional brand and learn interviewing skills.

REGISTRATION:
r2.ieee.org/event/2025-ieee-r1-r2-joint-student-conference-stucon25/

MAY 13-14,
2025 AMITY UNIVERSITY INTERNATIONAL ENGINEERING, TECHNOLOGY & MANAGEMENT CONFERENCE (ICETM)

Where: Amity Oakdale Campus
500 Montauk Hwy, Oakdale, NY 11769

ICETM 2025 serves to foster communication among researchers and practitioners working in a variety of scientific areas with a common interest: to improve Engineering, Technology and Knowledge Management tools and techniques. The conference will provide a platform to foster research relations between the Universities & industry. The conference's vision is to bring together technology geniuses and present breakthrough research in the area of computation and automation, promoting practicality and applications in inter-disciplinary exchange of ideas.

REGISTRATION:
amity.edu/ICETM-2025/Default.asp

Save the Date
RITZ CARLTON PENTAGON CITY ARLINGTON, VA | NOV 6-8, 2025
INNOVATE to ELEVATE

IEEE CONSULTANTS NETWORK OF LONG ISLAND
IS PRESENTING A REMOTE SEMINAR (VIA ZOOM)
THE FUTURE OF ERP:
EVOLUTION, INTEGRATION, & INNOVATION

DATE:
Thursday, March 6, 2025

SPEAKER:
Tirumala Rao Chimpiri,
Senior Programmer Analyst,
Enterprise Applications
and Integrations,
Stony Brook University

TIME:
7:00 pm - 9:30 pm

REGISTRATION:
*eNotice with registration
link to follow*

ABSTRACT:

Enterprise Resource Planning (ERP) systems have become essential for operational efficiency across various industries, including for-profit sectors such as wholesale distribution, manufacturing, and technology, as well as nonprofit organizations, healthcare, higher education, government agencies, & beyond.

This session will offer a comprehensive overview of the evolution of ERP systems, beginning with their origins in the 1960s as basic inventory management tools, and following their transformation into integrated solutions that manage nearly every function within modern organizations. We will explore the driving forces behind the need for ERP systems, examine various types of ERP systems—including industry-specific solutions—and discuss how these systems are integrated to provide end-to-end solutions for organizations. Additionally, we'll address the importance of data management, privacy, and security within ERP systems.

The presentation will also cover the continuous development of ERP technologies, including the transition to cloud-based solutions, mobile access, and the integration of AI-driven functionalities. By the end of this session, attendees will have a thorough understanding of how ERP systems have evolved, their current role within organizations, and their potential future impact.

LEARNING OBJECTIVES:

1. Understand the core functionalities & benefits of ERP systems, including the operational & strategic benefits they provide.

2. Examine the latest trends and innovations in ERP technology and their impact on future business operations.

3. Identify the common challenges and risks associated with ERP system implementation.

SPEAKER:

TIRUMALA RAO CHIMPIRI, is seasoned IT professional with over 26 years of experience and specializes in enterprise technology and solutions, and cloud-based applications, with a primary focus on Enterprise Resource Planning (ERP). He has a proven track record of delivering high-quality solutions in servingcustomers across industries including Higher Education, Financial Services (BFSI), HR Services, Telecommunications, and Transportation & Logistics. He is actively involved in the tech community in commitiees and as a reviewer for various national and international conferences, has judged for numerous awards—evaluating innovative technologies and contributing to industry standards. His publications on topics such as ERP, Higher Education, and cloud computing have been featured in prestigious technology journals, highlighting his contributions to ERP and Higher Education fields.

06 MARCH — 2025

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The summit features interactive panel discussions & security keynotes led by experts from top government agencies including the FBI, U.S. Dept. of Homeland Security, CISA, U.S. Dept. of Justice, CIA, NSA, The U.S. Secret Service and more. The latest cutting-edge technologies used to protect against cyber attacks are showcased through demonstrations in our Exhibition Hall by leading security solution providers.

The Cybersecurity Summit offers Continuing Education Credits to all attending Delegates who participate for the entire day. Each attendee is also treated to a catered breakfast, lunch & cocktail reception!

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WIE FORUM USA EAST

NOVEMBER 6-8, 2025 | **RITZ-CARLTON PENTAGON CITY** | **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.

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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/

KEY DATES	DEADLINES
Call For Participation	February 17, 2025
General Registration Opens	April 14, 2025
Speaker Registration	August 29, 2025
Early Registration Deadline	September 26, 2025
Forum Commencement	November 6, 2025
Career Fair	November 7, 2025
Forum Conclusion	November 8, 2025

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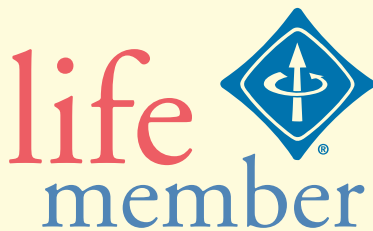
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Being elevated to senior member recognizes people who have moved beyond entry-level work in their careers. It also encourages them to engage more broadly with engineers and other technical professionals in companies and universities outside their own. 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 **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.

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**
Life Member Chair: **life@ieee.li**

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**

WE WANT YOUR STORIES

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

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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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