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2020 OUTSTANDING MEMBERSHIP RETENTION PERFORMANCE LONG ISLAND SECTION

CHAIR'S MESSAGE



The end of our long Covid-19 pandemic is in sight, thanks to the efforts of all who have distanced themselves, masked themselves and had themselves vaccinated. Some pundits are referring to the before and after periods as B.C. and A.C., for before and after Covid. They could have presumably used AC and PC, for ante-Covid and post-Covid. Let's see how

they play out in the near future.

The Section has made gallant efforts to stay involved with the membership in various ways. Upcoming events are starting to search for in-person venues finally and newly original events have sprung up: the Long Island Engineers Club is now a vibrant email list with an active slate of discussions. See the Engineer's Club. The Section hosts a networking meeting on zoom the fourth Monday of every other month. The meeting features breakout rooms as well as general discussions. Join the meeting by going to the *calendar* to get the meeting details.

This past month featured a technical seminar, "Underexplored Three-Phase Power Failure Conditions," hosted by several sections. CES and PDH credits were available for attendees and admission was free. Upcoming in June is the 2021 NYIT Energy Conference, "Building Sustainable Communities". See the website for more information; registration is here.

Also this summer, as I mentioned in previous issues, is the IEEE SPS Seasonal School on Signal Processing and Communication Systems for 5G. Registration is not yet open, but this is a major international event organized in part by Dr. Jess Donaldosn of the Long Island Section.

Look for more events this summer, including a long-awaited in person social get together. Everyone stay healthy and let's enjoy the warm weather safely.

Arnold Stillman *IEEE Long Island Section Chair, 2021*



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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.licn.org

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

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





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Email: cas@ieee.li



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Email: pels@ieee.li

the Section officers.



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Email: social@ieee.li

The Long Island Section of IEEE has 18 Chapters. Each Chapter is a technical subunit of the Long Island 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 Long Island Chapter's steering groups, please do contact the relevant Chapter Chair, Vice Chair, or one of



SYSTEMS COUNCIL (SYSC)

Chair: Stephanie White
Vice Chair: Vacant
Email: systems@ieee.li



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IEEE POWER & ENERGY SOCIETY SCHOLARSHIP INITIATIVE



IEEE Power & Energy Society SCHOLARSHIP PLUS INITIATIVE

IEEE POWER & ENERGY SOCIETY SCHOLARSHIP

Power and energy engineers work with some of today's most exciting technologies, developing solutions to problems that affect our lives and lifestyles.

The PES Scholarship Plus Initiative provides scholarships and real world experience to undergraduates who are interested in power and energy engineering careers. Our undergraduate engineering scholarships aim to accomplish this goal by attracting highly qualified engineering students to the field. These students are the very individuals who will one day develop new green technologies, build the smart grid and change the way we generate and utilize power.

The IEEE PES Scholarship Plus Initiative supports these promising students through financial assistance in the increasingly expensive enterprise of undergraduate studies.









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You can apply for the PES Scholarship as early as your first year in college. First year students are very much encouraged to apply. You are eligible to receive the scholarship if:

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- You're willing to take at least three of the power engineering courses for a total of nine or more credits.
- You're a U.S., Puerto Rican, or Canadian citizen or permanent resident and reside in IEEE Regions 1 through 7.
- Your current GPA is 3.0 or higher on a 4.0 scale (or equivalent) FURTHER INFORMATION IS AVAILABLE AT:

https://www.ee-scholarship.org/about-the-scholarship.





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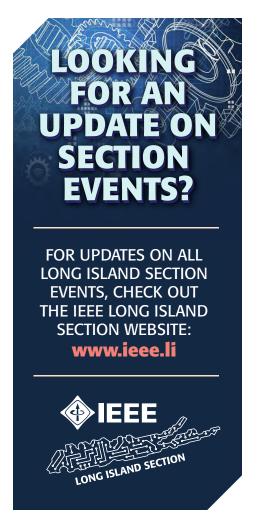


September 9, 2021

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2020/21 COMBINED
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>> CLICK HERE TO REGISTER





WRITE FOR THE PULSE

VOICE())) 出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.

HOW CAN I CONTRIBUTE TO THE PULSE?

Send your letters or articles via email to **pulse@ieee.li**. If selected for publication, the letter or article will be edited before being published.



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CONTRIBUTION DEADLINE:

20th of a month for the next month edition.

CONTRIBUTIONS FROM LONG ISLAND TECHNICAL & ENGINEERING COMPANIES:

Publish your technology-related press release (up to one page) at no cost. Please send the press release as a PDF file attached to email to **pulse@ieee.li**, addressed to the Editor, with a Subject line "Pulse-PR" followed by your company name, and the responsible contact person's name, email and phone number in the email body.





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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 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

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**

WE WANT YOUR STORIES



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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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EMPLOYMENT OPPORTUNITIES



Electronic Test Technician (Full-Time)

Retlif Testing Laboratories is looking to hire a full-time Electronic Test Technician to join our Ronkonkoma, NY laboratory. Do you have a background with a working knowledge of electronics and basic electrical fundamentals and want a career, not just a job? This position earns competitive pay, depending on experience. We also offer excellent benefits, including medical, dental, vision, 401(k) plan, paid holidays, paid time off, and a tuition reimbursement program.

RESPONSIBILITIES

- · Test sample preparation and setup.
- · Execution of tests following detailed procedures
- · Clear and concise documentation of test results
- · Strict adherence to quality policies and procedures
- Customer interaction

QUALIFICATIONS FOR AN ELECTRONIC TEST TECHNICIAN

- Associates Degree in Electrical Engineering Technology/ Electronics or Trade School Certificate, or equivalent formal military training/work.
- Working knowledge of electronics measurement equipment (specifically DMM, Oscilloscope, and Spectrum Analyzer).
 Knowledge of basic electrical fundamentals (OHMs Law, AC wiring, etc).
- Must have a background that would permit the U.S. Department of Defense to issue a Secret Clearance, which includes U.S. Citizenship.
- Strong math/logic skills.
- · Ability to lift 50 pounds-bend, lift and twist
- · Proficiency in MS Word and Excel

DESIRED SKILLS

- Experience with equipment qualification testing and associated certification schemes.
- · Five years of working experience with electronics.
- Working knowledge of RF Systems and/or Electronics.
- Background in MIL-STD-461, RTCA/DO-160, and/or IEC test standards.
- Organized and attentive to detail
- Excellent interpersonal skills
- Ability to follow instructions with multiple tasks in a fast-paced environment.
- · Strong communication skills
- · Self-motivated with a strong work ethic

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