



THE PULSE

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OF LONG ISLAND



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2020 OUTSTANDING MEMBERSHIP
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I hope all our Section members had an enjoyable if somewhat subdued holiday season. This year is at least not a reprise of last year's dreary winter. Outdoor dining and social gatherings have seem to have lost their novelty if not their necessity. However, on the brighter side, it is the season for predictions. I am usually not one for resolutions or forecasting, but I will make a few:

- 1) Section events, lectures and seminars will see many more hybrid events using a combination of virtual and in-person attendance
- 2) Given the above, many of our members will now become conversant with Zoom, Webex and Google Meet, among other platforms
- 3) A return to full normalcy will not occur until the summer, at which time I propose the Section have a celebration, either in June if possible or September at the latest.

With regard to the *Pulse* itself, we are still accepting submissions for content. If technical or analytic, they should be at a level acceptable to working engineers. Opinion pieces and news items are also welcome, although the IEEE will take no position on subjective content. They should not be political and should have some bearing on electrical engineering and its ethics and practice. Articles on diversity, STEM and outreach are especially welcome. We may consider developing an "industry partners" section for press releases from Long Island engineering firms, but they should not be in the form of advertisements. Suggestions are welcome.

Planning continues on several events in anticipation of the easing of pandemic restrictions. These include:

- **EJCLI Engineers Week Seminar Series** (*Engineers Joint Committee of Long Island*), tentatively **February 16**.
- **LISAT Conference**, tentatively **May 6**. *The call for papers is here.*
[Note the deadlines for authors.](#)
- The **IEEE Long Island Section Awards Banquet**, still scheduled for **March 31**.
Keynote speaker will be Michiko Minty and the subject is the *Brookhaven Electron Ion Collider*.

My wishes to the Section for a healthy, happy and successful 2022.

Arnold Stillman

IEEE Long Island Section Chair, 2022

THE PULSE OF LONG ISLAND



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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.

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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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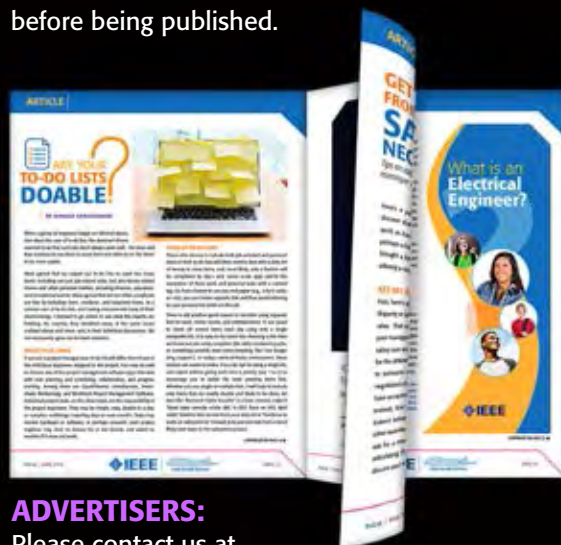
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WRITE TO THE PULSE

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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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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MARCH 31, 2022**



For more information:
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RESCHEDULED FOR 2022 POWER ELECTRONICS SYMPOSIUM (PES)

The annual PELS PES has been rescheduled for 2022 because of concerns regarding the on-going COVID pandemic. After careful review of the issues hosting this event the PES committee has decided to take a safe conservative approach and postpone this event to 2022 when we have a better handle on the limitations with regard to social interaction. While this was a difficult decision the committee is ensuring that the high standards with regard to; number of exhibitors and participant attendance and robust presentations we developed over the previous events will be maintained when we host again.

While we are all anxious to get back to our "Normal" industry dynamics, rest assured we are committed to continuing with the annual PES event. Please keep an eye out for future announcements on the future date for the PES and other PELS events.

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FRIDAY, MAY 6, 2022

LISAT 2022

Sixteenth Annual IEEE Long Island Systems, Applications and Technology Conference

HELD AT NEW YORK INSTITUTE OF TECHNOLOGY, OLD WESTBURY, NEW YORK

CALL FOR PAPERS, PRESENTATIONS, EXHIBITORS and STUDENT PAPERS

The Long Island Systems, Applications and Technology (LISAT) Conference features several parallel professional tracks including topics in systems, applications, and technology; a PDH program and an Exhibition. We are soliciting submissions for participation in both the technical program, applications program, and the exhibition, and are interested in papers, presentations, and exhibits that showcase the development and use of technology by local organizations. Small and Large Businesses, Government Agencies, LISAT 2022 will also include Distinguished Lecture presentations on topics of strong interest to the scientific and engineering community & will provide the opportunity for select Undergraduate and Graduate student papers and/or posters to be presented.

Authors shall be required to provide a six (6) page IEEE standard manuscript for publication in IEEE Xplore, and will be required to make a PowerPoint™ presentation at the conference. Manuscripts are subject to the LISAT Technical Program Committee's peer review and may require revision prior to final acceptance. Important dates for the Technical Program are:

LISAT 2022 IMPORTANT DATES	
MANUSCRIPTS FOR PUBLICATION AND COPYRIGHT RELEASES DUE	FEBRUARY 1, 2022
NOTIFICATION OF ACCEPTANCE OF MANUSCRIPTS (SUBJECT TO FINAL EDITS)	MARCH 7, 2022
FINAL MANUSCRIPT EDITS, BIOS, AND POWERPOINT DUE	APRIL 8, 2022
PRESENTER REGISTRATION	APRIL 20, 2022
LISAT 2022 CONFERENCE	MAY 6, 2022

Detailed instructions on submission, manuscript and presentation templates, and information on the conference are available on the LISAT web site at www.ieee.li/lisat. Manuscript format must agree with requirements specified in the Author's Kit, which will be made available.

Each presentation will be 15 minutes long followed by 5 minutes of Q&A. At least one author must register for the conference for each paper/presentation. If one presenter is presenting multiple papers, then multiple registrations are required. A limited number of tutorial and application presentations, which will not be published by the IEEE, may also be accepted.

LISAT has a strict "No Podium, No Publish" policy. "Manuscripts will only be submitted for publication in IEEE Xplore if a presentation is made at the Conference."

For information on Exhibiting at LISAT, please contact: exhibits@ieee.li. For all other information contact LISAT 2020 Technical Program Committee Chair: Dave Mesecher at d.mesecher@ieee.org Conference Chair: Dr. Charles Rubenstein at c.rubenstein@ieee.org or Conference Co-Chair: Dan Rogers at drogers@ieee.org.

LISAT encourages submissions from all areas of engineering, science, and technology. Topics of particular interest include Surveillance & Navigation Systems, Communications (Military and Commercial), Sensors and Advanced Electronics, Photonics, Fiber Optics and Wireless Technologies and Applications, Data Acquisition, Analysis and Computational Science, Microelectronics and Antennas for Commercial, Military and Space-Based Applications, Nanomaterials, Climate, Environment and Biosciences, Energy and Cyber Security and Health Sciences and Health Care.

Releases and Approvals: This conference will be unclassified and attended by both US and non-US persons. It is the author's responsibility to obtain all required company and government releases and approvals prior to making a paper submission. A statement that such releases and approvals have been obtained as well as a completed IEEE Copyright Form (signed by the submitting author) must accompany the manuscript of each accepted paper. For those requiring a travel visa, it is strongly recommended that Authors apply for their visa as soon as is possible.

LISAT is sponsored by the IEEE Long Island Section and its Technical Society Chapters and IEEE Region 1, in cooperation, for the last fifteen years with the Farmingdale State College of SUNY.



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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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