

IEEE NEW HAMPSHIRE NEWSLETTER  
AUGUST 2021

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## MEETINGS & EVENTS

**[Fast Solvers For Electromagnetics-Based Analysis And Design Of Integrated Circuits And Systems](#)** The design of advanced integrated circuits and microsystems from zero to terahertz frequencies calls for fast and accurate electromagnetics-based modeling and simulation. In this talk, Prof. Dan Jiao will present recent advances in fast solvers to tackle these challenges. 8 Sep 21, 12:30 PM to 02:00 PM EDT Virtual Event [Registration is Required.](#)

**[Microwaving A Biological Cell Alive – Free Noninvasive Electrical Characterization Of A Live Cell](#)** Microwave is not just for cooking, smart cars, or mobile phones. We can take advantage of the wide electromagnetic spectrum to do wonderful things that are

## MEMBER NEWS & ACTIVITIES

**[Recognition of Distinguished Contributors Apply Today.](#)** IEEE Computer Society Distinguished Contributor Recognition Program is open to all IEEE Computer Society members and is designed to recognize members accomplishments and achievements to the computing profession. Applications Open on 16th August 2021 and Closes on 30th September 2021.

**[IEEE New Hampshire You Tube Channel](#)**

Visit, Browse, Subscribe to our You Tube channel for current and past Newsletters, the video recordings of Various Webinars/Events, Multi-Media Technology Digests, and Technical Presentations, Video Logs and Artistic Creations of our Members, New England Sections. Any questions [Contact.](#)

more vital to our lives. In this talk, Dr. James Hwang of Cornell University will present recent advances in the use of Microwaves with Biological Cells. 30 Sep 21, 12:00 PM to 01:00 PM EDT Virtual Event [Registration is Required.](#)

[NHJES 2021 Conference](#) Join and Support the New Hampshire Joint Engineering Societies Annual Conference to be held as Virtual Events on 4 Successive Thursdays in October 2021. All proceeds will go toward NH STEM programs. 7,14,21,28 October 2021, , 12:30 PM to 01:30 PM EDT Virtual Event [Registration is Required.](#)

[INCOSE New England Chapter Fall 2021 Workshop](#) The [INCOSE](#) New England chapter is a volunteer organization of working professionals who enjoy sharing and promoting the profession of Systems Engineering. This year's workshop will be themed around Systems Thinking and Integration, Verification & Validation (IV&V). INCOSE

## [Social Dilemma](#)

[Documentary](#) This Netflix documentary documents industry leaders/insiders concerns about addiction and the influence of free services that combine big data, artificial intelligence, psychological research and cute kittens to capture our attention, develop detailed profiles of every Internet user, and then sell access to influence these users to the highest bidders. Watch this free until September 30th.

## [IEEE Boston Section Video](#)

[Archives](#) Watch the growing library of interesting Video presentations by Boston Chapter. Notably watch the videos of our own Paul Carr on "Greener Power for More Electric Vehicles" and "Achieving a Net Zero Carbon Future"

## [IEEE NH Tech Policy Topics](#)

[Discussion Group and Events](#) Please read the full details in the above link. Please join the [online group](#) where we will be developing and announcing upcoming activities.

**New England is inviting presentations that explore the application of the fundamental concepts of Systems Thinking and IV&V to systems engineering and the design of complex cyber-physical systems. Deadline for submitting Abstracts/Proposals is 30 August 2021. 22-23 October 21, 8:30 Am - 5:00 PM EDT Virtual Event [Registration is Required.](#)**

**[IEEE Virtual Events Calendar](#) Browse for Upcoming, Major events and those available on-demand**

## **MEMBER BENEFITS & RESOURCES**

**[IEEE Competitive Advantage](#) Watch how your IEEE Peers and Colleagues are reaping the benefits of IEEE Membership, notably competitive advantage for successful careers. Subscribe to [IEEE Youtube Channel](#) .**

**[Keep Abreast of Member Benefits](#) Use the new Global Benefits Finder to become aware of all your member benefits tailored to your**

**[Post-Pandemic Community Touch-Reach Events Planning](#) Please join the discussions, follow, and contribute to shape the ideas. For questions [Contact](#).**

**[STEM Programs and Resources in New Hampshire](#) This is a comprehensive compilation on pre-college STEM programs and resources available within New Hampshire. Please share these widely in your communities, especially with Parents and Teachers. Special Thanks to our Webmaster [Alan Schechter](#).**

## **GOVERNANCE**

**[IEEE NH Section Officers Elections](#) Read the full details above by Ed Nelson, Nominations Committee Chair and Jim Isaak, Section Chair. Please consider nominating yourself and/or your member colleagues for the 2022-2023 open positions and opportunities to serve as Officers and/or Volunteers.**

## **[IEEE NH 2021 Officers](#)**

**Executive Committee Meeting**

location, career stage and professional profile.

**[IEEE Computer Society Learning Platform!](#)** Visit frequently to keep pace with technologies and trends that are making the biggest impact on the industry and the society.

## **[JOBS & CAREERS](#)**

**[Career Opportunities at Amphenol, NH](#)**

Background in EE, Signal Integrity and Hardware Engineering preferred.

**[Nationwide Jobs Computer Jobs](#)**

## **[NEIGHBORING SECTIONS](#)**

**IEEE Boston [Boston Reflector](#)**

**IEEE Maine [Beacon](#)**

Summaries from **[Jim Isaak](#)**, IEEE NH Section Chair.

## **[Excomm Summaries](#)**

If you are an IEEE member and would like to attend a future meeting, please contact Section Chair **[Jim Isaak](#)** or Section Secretary **[David Casper](#)**.

## **[EDITOR'S CORNER](#)**

This Newsletter is a great opportunity for members and students to contribute articles and/or share blogs from your vantage. I appreciate your **[Thoughts and Contributions](#)**.

Feedback Request from **[Sri Raghavan](#)**, the NewsLetter Editor. Hope these Newsletters are meeting your needs and expectations. Appreciate your **[Thoughts](#)**.

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