

IEEE NEW HAMPSHIRE NEWSLETTER
MARCH 2021

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MEETINGS & EVENTS

[IEEE-USA's 2021 CVD is on, Virtually!](#) IEEE-USA will be hosting its annual Congressional Visits Day starting on March 29th. As always, the CVD will give you a chance to discuss issues of importance to IEEE members with your elected leaders. This year's event will be virtual. We encourage all IEEE members in the United States to attend. If you have questions about the IEEE-USA CVD, contact [Russ Harrison](#). 14-15 April 2021 All Day EDT Virtual Event. [Register](#)

[The Green Program's Global Sustainability Expo](#) In this New Hampshire Section Jt. Affinity Group, WIE/YP sponsored Virtual Expo, join [The GREEN Program \(TGP\)](#) on a global adventure. We're gearing up for a glacier hike

[Calling For Judges! Volunteer for NNE Invention Convention](#) In a year full of innovation, the Young Inventors' Program (YIP) continues to lead the way to engage students in hands-on learning within shifts to remote and hybrid school models. Our students are developing essential critical thinking and problem solving skills, as well as learning about invention design and entrepreneurship. The VIRTUAL 2021 New England Invention Convention will run throughout the month of April, and will recognize 300 of the top inventors from YIP and honor them with awards and the opportunity to advance to the Invention Convention US Nationals. [Sign up Here](#) by March 26th

MEMBER NEWS & ACTIVITIES

[Report on IEEE Milestone](#)

in Iceland, studying a real-world sustainability challenge in Peru, touring Fukushima Japan with TGP, and analyzing how solar microgrids impact rural communities in Nepal... in just one afternoon! Learn how to get involved with TGP and gain local insights into real-world sustainability challenges around the world today. 30 March 2021 10:00-07:00 PM EDT Free Virtual Event. [Register for Links](#)

[Space Radiation Effects— Modeling The Environment For Systems Analysis](#) This is a joint IEEE Boston, Providence, New Hampshire Reliability Chapters event. This talk will present space environment and its many natural hazards, one of which is a harsh radiation environment. es[pecially to vulnerability of decreased dimensions of FPGAs. We will discuss in-house modeling efforts at Lincoln Laboratory that will better enable their risk assessments and reliability. 14 April 2021 11:00 AM -12:00 PM EDT

[Project: BASIC](#) The IEEE Milestones Project honored the contribution of BASIC language to Advancement of Computing, by installing a Commemorative Plaque at Dartmouth College, Hanover, New Hampshire, where the innovation happened led by Professors [Dr. John Kemeny](#) and [Dr. Thomas Kurtz](#) . It was a quite ceremony in deference to Covid-19 circumstances. Watch for the announcement for the full Social Celebration that is is planned for later in the year. Enjoy the special [IEEE NH Video Newsletter dedicated to BASIC Milestone project.](#)

[Electric Vehicles: Fun Saving our Planet](#) IEEE Life Fellow, [Dr. Paul Carr](#), shares the engaging Video of the IEEE Boston Section event held on 16 February 2021 on Electric Vehicles. Hear the panelists, Paul Carr, Len Long, Ken laker and Ted Kochanski share their viewpoints ranging from Love for Electrical Vehicles to how they might overtake Gasoline Cars in 5 years. While there also watch all the other

Virtual Zoom Webinar. [Registration is Required.](#)

[JMP Reliability Platforms – A Zoom In Then Zoom Out](#)

[Introduction](#) In this joint event of IEEE Boston and NH sections, Dr. Peng Liu of SAS Institute, Inc. provide an introduction to JMP, a comprehensive suite of tools for reliability data analysis and reliability engineering. This will include live demonstrations of key applications. JMP has a comprehensive suite of tools for reliability data analysis and reliability engineering, to address problems from time-to-failure distribution analysis, warranty forecast, accelerated life test data analysis, to degradation data analysis, recurrent events data analysis, reliability growth, and all the way to system reliability analysis using reliability block diagram and system maintenance simulation. 24 February 2021 11:00-12:00 PM EDT Virtual Event.

[Register for Links](#)

**MEMBER BENEFITS &
RESOURCES**

Videos in [Boston Section Archives.](#)

[Presentation to NH Science, Technology and Energy Committee on Broadband Access](#) Read the complete presentation of by Jim Isaak, IEEE NH Section Chair, to NH House Science Technology committee Supporting House Bill 153 for Universal Internet Access.

[IEEE NH 2020 Pre-University Grant](#)

Read the full report from Ayse, Chair Educational Activities. IEEE NH 2020 Pre-University Grant was awarded to Emily Wilson and Jean Scanlan of Maple Wood Elementary School in Somerswoth NH. This grant will help them to purchase a set of Ozobots.

[IEEE NH Tech Policy Topics Discussion Group and Events](#)

IEEE-USA develops positions related to US policy activities. This includes areas such as privacy, cybersecurity, spectrum allocation, Artificial Intelligence, intellectual property, work force issues. See the full range at: [IEEE](#)

IEEE Competitive

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USA New areas are emerging such as Broadband deployment and access; regulation of high tech, issues surrounding social media such as addiction, collection and use of personal data, application of behaviour science and perhaps AI to persuade individuals into target actions. If topics like these interest you, please join the **online group** where we will be both announcing related activities, listing relevant resources and carrying on NH based discussions. Events related to this activity are planned for later this year.

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**.

Call for Volunteers Jim Isaak,

Section Chair describes unique opportunities and needs for Member Volunteers for various upcoming programs and activities.

JOB & CAREERS

[Nationwide Jobs](#)

[Computer Jobs](#)

[IEEE Computer Society Launching Upgraded Learning Platform!](#) New courses are being added monthly keeping pace with continually changing technologies that are making the biggest impact on industry and society.

GOVERNANCE

[IEEE NH 2021 Officers](#)

Executive Committee Meeting 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

I would like to start a series of articles covering topical

news and trends on the Industrial Landscape of New Hampshire for fostering increased awareness and understanding of it within the communities we serve, including the Industries. This 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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