



The Beacon

The Newsletter of the IEEE Maine Section

December 19, 2017

www.ewh.ieee.org/r1/maine/me_ieee.html

Section Officer Election Results:

The results of the Section Officer elections are:

Chair: Walter Rawle

Vice Chair: Lauren Mayhew

Secretary: Shengen Chen

Treasurer: Stan Koski

Message from the outgoing Section Chair

At the end of December I will step down as Section Chair and would like to thank all of you for your support during the past two years. Walter Rawle will be our new Chair. Walter has the enthusiasm, imagination, clear vision, drive, and management skills to continue our section's progress. Importantly too, he is a delight to work with.

I plan to stay on as Beacon editor as also support the section's expanding outreach activities.

---Ron

Oxford Elementary School Career Day

For the fifth year Ron Brown represented the engineering profession at Oxford Elementary School's Aspire Higher Career Day on November 13, 2017. We had a table with a slide show describing what engineers do, had some elementary handouts, and talked with students from grades 1-6. Later we talked with kindergarten students explaining what we do. For example, we design smart phones and their apps as well as their school building.

New Hampshire Aerospace and Defense Export Consortium

Walter Rawle is now a member of the New Hampshire Aerospace and Defense Export Consortium. He is also chairman of the consortium's unmanned systems committee. Does anyone have any ideas about how we might find synergy between the Consortium and the Maine Section? If so, please let Walter know, wrawle@hotmail.com.

IEEE Maine Communications Chapter Presentation

On Friday December 1st at 2:00PM at the University of Maine's Hill Auditorium Dr. Hongzhi Guo of the University of Southern Maine presented a talk titled: *Enabling Reliable Wireless Networks in Extreme Environments using Magnetic Induction Communications*. FMI regarding the presentation, http://www.ewh.ieee.org/r1/maine/me_ieee.html.

Dr. Guo is Assistant Professor of Electrical Engineering at the University of Southern Maine and received the Best Demo Award from IEEE International Conference on Computer Communications (INFOCOM) in 2017

IEEE Global Humanitarian Technology Conference (GHTC-2017)

Thanks to the efforts of Dick Wilkins, the Maine Section was a sponsor of the IEEE Global Humanitarian Technology Conference (GHTC-2017) which was held in San Jose, CA, October 19-22, 2017. Dick served as conference chair, and the Maine Section received further recognition for providing financial support. FMI: <http://sites.ieee.org/ghtc/>

Environmental & Energy Technology Council of Maine -- E2Tech -- Participation

The Environmental & Energy Technology Council of Maine (E2Tech) is Maine's leading energy, environmental, and clean technology business and economic development organization. E2Tech is a catalyst, a change agent, and a resource center to:

- Promote Maine companies,
- Support their robust and sustainable acceleration, and
- Help them compete in national and international markets.

The Maine Section had a table at the E2Tech Expo 2017 on November 16, 2017 at USM's Abromson Center where we demonstrated the ECE professions contributions to E2Tech's goals. Our members also asked poignant questions that demonstrated ECE's understanding of these goals. Our participation at conferences like this is part of our ongoing efforts to make the ECE profession better known in the State of Maine and to contribute to Maine's economic well-being and growth.

2018 Engineers' Week EXPO Participation

The Maine Section in conjunction with the UMaine Student Chapter will have tables at the 2018 Engineers' Week EXPO to be held February 24, 2018 University of Maine's New Balance Field House. We are looking for members to help staff the Section's table as well as ideas with sizzle demonstrating the exciting things we do. Our table needs to have a couple clever demos to draw students and their parents to it. Please send your ideas (or if you are interested in participating) to ron@ronaldobrownconsulting.com.

Maine Section Chair Selected for Region 1 Award

Ronald O. Brown was been named a recipient of the **2017 IEEE Region 1 Enhancement of the IEEE or Engineering Profession's Image with the Public Award** by the Region 1 Board of Governors:
For significant contributions to creating a positive IEEE-Public relationship in Maine

Maine Section and PES/IAS Chapter Year-End Event

The Maine Section and PES/IAS Chapter Year-End Event was held December 7, 2017 at the Freeport Hilton Garden Inn. The agenda included the award of the PES Outstanding Engineer Award to Kevin Mahoney and a presentation by Dr. Caryl Johnson & Trevor Gionet of Introspective Systems titled *Toward Market-based (Transactive) Control Systems*.

Are You Interested in or Involved with Corporate IT?

Corporate IT is a fast growing and good paying field. If you are interested in it, or involved as an end user or as a developer of products for this market sector, MTUG - Maine Technology Users Group has periodic Webinars and Meet and Greet meetings that might be of interest. Both events are free.

The next webinar is Wednesday January 17th from 11AM to noon when Ed Taggart, Senior Infrastructure Architect at WEX, will present Cables to the Cloud: Hybrid Network Connectivity to AWS (FMI: <https://mtug.org/mtug-events/2018-01-17-webinar-5-hybrid-network-connectivity-into-aws>). The next Meet and Greet is Wednesday January 31st from 4:30 to 6:30 at Davinci's in Lewiston where Miljan Bajic of AgileMaine presents a brief overview of Agile's capabilities. FMI: <https://mtug.org/mtug-events/2018-01-31-peersbeers-lewiston>).