



The Beacon



The Newsletter of the IEEE Maine Section
http://www.ewh.ieee.org/r1/maine/me_ieee.html

August 22, 2016

October Meeting

In conjunction with IEEE Day on October 4th there will be joint activities with the Maine Section and the UMaine Student Chapter. The student chapter will have activities in the afternoon and there will be a general dinner-meeting in the evening. If you can make it, member participation in the student meeting would be appreciated. The details of the student activity will be being finalized and will be sent out shortly. In the evening, Ali Abedi and/or Lonnie Labonte will present their sensor system that NASA sent into space. All are invited to both parts of the event. *Mark your calendar and stay tuned for further details.*

Next Beacon Issue Items

We look forward to your input to the next issue of the Beacon -- something you did, a new assignment, your retirement or someone else's, an upcoming IEEE or other activity of potential interest to our members, an interesting article you read, etc. Please send it to Ron Brown, Acting Editor, ron@ronaldobrownconsulting.com, 781-665-6269(m).

Welcome Our New Young Professionals Chair

We welcome our new Young Professionals (formerly GOLD, Graduates of the Last Decade) Chair, Ahmed Almaghasilah (Ahmed.Almaghasilah @maine.edu, 207-385-3266). All of us look forward to working with him. And our thanks for volunteering!

Section Positions Still Open

We still have important volunteer positions open: Student Activities and Educational Activities are unfilled and Secretary, Beacon Editor, and PACE are temporarily filled on an acting basis by others. Student Activities is especially important because in the future funding will depend on having this position filled. Interested or just curious? Contact Ron Brown, ron@ronaldobrownconsulting.com, 781-665-6269 (m).

Future Leaders Conference

Jesse Shank and Kevin Conroy attended the IEEE Future Leaders Conference in New Orleans, July 28-30, 2016. The Maine Section sponsored them. The conference enables young IEEE members to network and industry leaders and truly become our next leaders. We thank them for taking the time to attend.

38th Annual, International Conference of the IEEE Engineering in Medicine and Biology Society

Professor Rosemary L. Smith of UMaine's ECE Department presented *Directing the Spatial Patterning of Motor Neuron Differentiation in Engineered Microenvironments*, coauthored with C. J. Demers, and S. D. Collins at the 38th Annual, International Conference of the IEEE Engineering in Medicine and Biology Society on August 17, 2016 in Orlando.

Intel Developers Forum

Dick Wilkins attended the Intel Developers Forum in San Francisco August 16-18, 2016. The conference is a place where developers look to the future. Read: virtual reality, autonomous driving, machine learning, 5G, etc.

Region 1 Board of Governors Meeting

As Maine Section Chair, Ron Brown attended the IEEE Region 1 Board of Governors meeting in Mystic CT on August 6, 2016. Aside from the usual reports the major point of discussion was retaining and increasing membership, especially younger ones. In the individual section reports, it was clear that the Maine Section is a leader in working with younger members.

Maine Section Members Preferences Survey

Walter Rawle our Senior Member-at-Large has prepared a survey so the ExCom will better know what our members expect and would like from the Maine Section. It's short and designed to take only 5 minutes to complete, so please take a couple minutes to complete it. We expect it to be sent to the Section membership in a couple weeks.

Maine Engineering Workforce Summit.

The IEEE Maine Section is a Supporting Partner Organization and Ron Brown is on the Organizing Committee for the Maine Engineering Workforce Summit to be held in Lewiston September 29, 2016. The conference purpose is to bring to the forefront Maine's serious need for more engineers of all kinds. FMI: <http://engineeringme.com/mews/> or Ron Brown at ron@ronaldobrownconsulting.com, 781-665-6269 (m).

SWEBoK

The IEEE Computer Society's Guide to the Software Engineering Body of Knowledge (SWEBoK) describes generally accepted knowledge about software engineering. The IEEE Computer Society published the first edition of the SWEBoK in 2004, as a part of its goal to define the software engineering profession. SWEBoK V3.0 was published in 2014 with worldwide participation. It is freely available through the IEEE Computer Society as a document and is now also available as a public wiki: <http://swebokwiki.org>. From the beginning, SWEBoK has been a community effort. Now, the Computer Society is about to kick off the next evolution of SWEBoK. This evolution will consider:

- User feedback, experiences, lessons learned;
- New knowledge areas, knowledge areas in need of refreshment or update;
- Integration with other resources including standards, publications, and other bodies of knowledge such as [EITBoK](#) (for enterprise IT) and [SEBoK](#) (for systems engineering);
- Release strategies (e.g., version 4.0 vs. incremental updates);
- Enabling technologies for delivery and usage (e.g., wiki, meta data, rich media);

Maine section member and our Webmaster Rich Hilliard is organizing the SWEBoK Evolution effort within the [Engineering Disciplines Committee](#) of the [Professional & Educational Activities Board](#) of the [IEEE Computer Society](#).

FMI or to participate: Our Webmaster Rich Hilliard r.hilliard@computer.org.