



IEEE NEWS FOR FEBRUARY 2014

Jacob Z. Schanker, P.E., Newsletter Chair

The Rochester section web site is at: <http://rochester.ieee.org/>

Rochester Section Meeting – Tuesday, February 4th at Noon

The next monthly Rochester Section business meeting is on Tuesday, February 4, at 12:00pm, at the **Hibachi Sushi Buffet Restaurant** in South Town Plaza on Jefferson Road (Route 252) just west of West Henrietta Rd. (Route 15). Any IEEE member is invited to attend. Lunch is only \$3 for IEEE members. No reservation or RSVP is needed, just show up.

The 100th Anniversary of the Founding of the Rochester Section

As I was preparing this month's newsletter in early January, I was doing it from La Jolla, CA. This, in itself, is unremarkable since our technology allows us to work anywhere, do anything, quite transparent to our physical location. The fact is I was doing the same thing from England, twenty years ago. Since I was spending almost half-time in England then, I prepared many newsletters from there. And, interestingly, the technology I used did the job, albeit not as easily as today. Email was the tool, then and now. The connectivity in 1994 was an external modem, various cables and adapters to connect to the UK telephone system (yes, wires), and a laptop computer running Windows 3.1 or DOS. In 2014, the laptop I use (which is about five years old) runs Windows 7 and the connectivity is by wireless LAN to a cable modem/router to somewhere by some means that eventually winds up in Rochester on a laptop or desktop or smart phone. The fact that I've played a small part in some of this technology doesn't make it any less amazing to me.

Now, back to La Jolla. As I walk down the streets I've found numerous places where the mason who did the concrete sidewalk signed his work with his name and date. And I've found that the date in several places is 1914. These sidewalks are pristine; the signatures are completely readable, as though they were done last week. But, these sidewalks have been trod for 100 years. The people who made them are gone.



One hundred years is at once a very long time and an eye-blink in time. What trace of the engineers who formed the Rochester Section of the (then) AIEE remains? What remains is their legacy and the foundation on which subsequent progress was made. And, what remains is the Rochester Section of the IEEE – a legacy of 100 years of volunteers passing the leadership from one person to the next, while serving the profession and the community.

In coming months, I hope to examine more closely some aspects of our shared Rochester engineering heritage. Stay tuned.

From the Section Chair

The January Excom meeting marked the beginning of the 100th anniversary of the Rochester IEEE Section. This is truly a remarkable achievement. Our membership has now grown to 1065 individuals. As we transition into the New Year, I would like to thank the former Section Chair, Bill Fowlkes, for all of his efforts over the last few years in managing the Section's activities. It is his groundwork that has set the stage for the historical year ahead. Please check out the website that he created that archives pictures from several Rochester IEEE events in the last year. <https://ieeerochester.shutterfly.com>. I've included (next page) one of many pictures located at his site. This one is from the Award and Recognition Dinner in December and highlights Jeremy Warner from the University of Rochester, an IEEE Power and Energy Society Scholarship Plus Initiative award recipient, with Wendi Heinzelman (IEEE faculty advisor), and Bill Fowlkes. Winners of this award receive up to three years of financial support and gain career experience through internships and co-op work.



L-R: Wendi Heinzelman, Jeremy Warner, and Bill Fowlkes

Congratulations also to Madeline and Alicia Loui as the winners of the commemorative Rochester Section IEEE Centennial logo contest! What a terrific way to launch this historical year for the section! Please stay tuned for several activities that are in the planning stages to celebrate this remarkable achievement in the Section's history. The annual Joint Chapter Meeting, which brings together individuals from all engineering disciplines, will be held this April.

As always, I hope to see you at one of our upcoming activities from our Chapters and Groups.

Best,
Greg

Get more, get involved

The Section Executive Committee is looking for a few additional volunteers. If you are interested in helping with either of these positions please contact one of the section officers. You can find the names of your officers and their email addresses on the section website <http://rochester.ieee.org>. Look under the “About” tab.

Young Professionals Affinity Group (formerly GOLD)

This worldwide affinity group is committed to helping young professionals evaluate their career goals, polish their professional image, and create the building blocks of a lifelong and diverse professional network. Our section is looking to establish a local Young Professionals Affinity Group.

See this link for more information: <https://www.facebook.com/ieeemgagold>.

Section Membership Development Officer – The Section MD Officer is responsible for all membership development related activities and events in the section and has the duty to distribute all IEEE information, programs, and materials to the members and to be a spokesperson for the many benefits of IEEE. This position is a great way to become more active in the section and to meet and network with individuals from all engineering disciplines.

IEEE Rochester Section Scholarships Available

The Rochester Section of the Institute of Electrical and Electronics Engineers (IEEE) awards two \$1500 college scholarships annually to student members of the IEEE who meet the following qualifications:

1. Is an undergraduate student in good standing in an engineering, engineering technology, science or technology curriculum in an ABET accredited program.
2. Has completed two years and/or achieved Junior standing (or equivalent) in the program defined in number 1 above.
3. Has an overall grade point average of at least 3.0 out of 4.0 (or equivalent).
4. Plans to continue engineering, engineering technology, science or technology studies in an undergraduate ABET accredited program in September following presentation of the award.
5. Is a resident of Allegany, Monroe, Genesee, Livingston, Ontario, Orleans, Steuben, Wayne, or Wyoming Counties of New York or is enrolled in a college in one those counties.

Please contact the chair of the IEEE Scholarship committee, Jeanne Christman at jxciee@rit.edu with questions. The scholarship application can be found at www.roceng.org.

Congratulations to our latest Senior member

Jorge Diaz-Herrera, a member of the Computer Society, was elevated to Senior Member at the November 23, 2013 Admissions and Advancements meeting in New Brunswick, NJ.

Free E-book on technical presentations for IEEE members

In February, IEEE-USA E-Books will offer “Technical Presentations - Book 3: Style – Dynamic Delivery Techniques,” by Nita K. Patel.

“A personal introduction, captivating opening, interesting body and compelling conclusion comprise the four major parts of a successful presentation,” Patel writes. “But once you have an organized and well-written presentation, it’s time to shift your focus to delivery by incorporating eye contact, varied voice and fluid body language.”

This e-book will be available free to members in February.

To purchase IEEE members-only products, and to receive the member discount on eligible products, members must log in with their IEEE Web account.