



**ROCHESTER SECTION IEEE  
NEWS FOR AUGUST 2013**

**Jacob Z. Schanker, P.E., Newsletter Chair**  
The Rochester section web site is at: <http://rochester.ieee.org/>

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**Rochester Section Meeting – Tuesday, August 6, 2013 at Noon**

The next Rochester Section business meeting is on Tuesday, August 6, 2013 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.

**Election results**

Jean Kendrick was elected to serve in the role of Awards Chair for the remainder of 2013. This is normally an appointed position and should revert to such in 2014, but due to special circumstances that were discussed at recent Excom meetings, it was decided to hold an online election for this year only.

**Nominations sought for section leadership positions**

The IEEE Rochester Section Nominating Committee is seeking qualified candidates for the following elected leadership positions in the section: Chair, Vice Chair, Secretary, and Treasurer. You may submit your name (self-nomination is permitted) or the name of any other active member of the Rochester Section to Alex Loui (alexander.loui@kodak.com) or to Paul Lee (paullee@exelisinc.com), co-chairs of the section's nominating committee, for consideration. All submissions must be received by August 26 to be considered by the nominating committee. There will also be an opportunity for additional candidates by petition later this fall.

We also want to hear from any members who are interested in any of the section appointed leadership positions: Membership Development, Professional Activities, Student Activities, Educational Activities, Newsletter Editor, Awards, Nominations and Appointments, and Webmaster. If you are interested in one of these positions, please contact your Section Chair, Bill Fowlkes (wmyfowlkes@ieee.org).

## **Electromagnetic Compatibility - Product Safety Engineering Joint Chapter**

The chapter has had several planning meetings held by teleconference over the past two months. The first fall meeting is planned for September.

**Title:** Design Rescues - Real-life Signal Integrity and EMC Failures and their Mitigation

**Speaker:** Jim Herrmann, Managing Partner/Principal Engineer at AppliedLogix, LLC.

**Abstract:** This presentation will review three salient examples of new product development projects that were derailed due to board level signal integrity and/or EMC issues. We'll discuss the design details, identify the root causes and key electromagnetic principles involved, and describe the design techniques that were deployed to successfully mitigate the problems.

**Date & Location:** To be announced.

### **IEEE provides free PDH-granting webinars and courses**

If you are an IEEE member and also licensed Professional Engineer needing continuing education professional development hour (PDH) credits to renew your registration, IEEE has something for you. There are quite a few one-hour webinars archived at:

<http://spectrum.ieee.org/webinar> all of which are good for one PDH. To receive your PDH certificate, you only need send an email request to [eab-ceuadmin@ieee.org](mailto:eab-ceuadmin@ieee.org) after completing the webinar.

I also found a commercial site which offers a 1-PDH course on engineering ethics, free to IEEE members. The site is: [www.pdhengineer.com](http://www.pdhengineer.com). Other courses are available at a discount to IEEE members.

Another commercial provider, which while not free, is still relatively low-cost, is [www.suncam.com](http://www.suncam.com). There are many other commercial providers, but I've only mentioned those with which I have had personal experience.

### **Congratulations to our newest senior member**

Rochester section member Lyle Tague was elevated to IEEE Senior Member at the June meeting of the IEEE Admissions & Advancement panel held in Vancouver, B.C.

### **Job openings**

If you have been looking for a position you probably know about the IEEE Job Site. There are lots of search options on the site, but if all you want to do is a quick check to see if there are any openings listed in Rochester for engineers, the following short link will do it: <http://bit.ly/184R12L>

## **IEEE-USA free e-book for August**

IEEE-USA E-Books will offer Nita K. Patel's "Technical Presentations – Book 2: Structure-Anatomy of a Successful Presentation." Patel is a former IEEE-USA vice president for communications and public awareness.

Patel writes that a technical expert must not only know, understand and interpret complex data, but also present the facts through clear, concise and correct speech. The first step in conveying technical information is to establish a clear understanding of when, where, why, how, what and to whom your information is to be presented. The next step is to structure the presentation.

A sample of topics includes: "Pre-Writing," "Personal Introductions," "Captivating Openings" and "Compelling Conclusions." Examples and checklists make this e-book a great reference tool for delivering effective presentations.

"Technical Presentations – Book 2: Structure-Anatomy of a Successful Presentation," will be available free to IEEE members beginning August 1.

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

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