



IEEE NEWS FOR JUNE 2007

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

E-mail: j.schanker@ieee.org

Rochester IEEE home page at: <http://www.rl.ieee.org/~roch>

(Always check the web PDF edition for late changes and additions)

Rochester Section Meeting Tuesday, June 5, 2007

The next Rochester Section business meeting is on Tuesday June 5, 2007 at Noon, at the Shanghai Restaurant, 2920 West Henrietta Road, just south of the intersection with Brighton-Henrietta Town Line Road.

Any IEEE member is welcome to attend and to participate, or just to observe. Lunch is only \$3 for IEEE members. No reservations or RSVP is needed, just show up.

June IEEE Society Chapter Meetings

No meetings of the Society Chapters have been announced as of the press deadline. It is possible that some will be held so be sure to check the Rochester Engineering Society Engineers Calendar. Look for "Calendar" at the top of the RES home page <http://www.roceng.org/>.

IEEE Annual Section Dinner Meeting on June 10

The annual IEEE Rochester Section Dinner Meeting will be held this year on Sunday, June 10, 2007. This is the very popular and largely social affair where our members and their guests can enjoy good company and interesting surroundings.

Tour

This year the Section Dinner Meeting will begin at 3:00 PM with a tour of the Antique Wireless Museum in East Bloomfield, NY. The museum has a remarkable collection of artifacts which illuminates the early history of radio and wireless. A special feature is a re-creation of a 1920's era radio store. This is the history of our profession, so it should be of interest to all. See the Antique Wireless Association's website at www.antiquewireless.org for a preview and for directions.

Dinner

After the tour, we will walk one block up the street to The Holloway House for our dinner, which begins with a reception with appetizers and cash bar at 5:30 PM. Dinner choices are: Roast Young Tom Turkey (their specialty), Broiled Salmon, Sliced Tenderloin of Beef, and Vegetarian Country Pie. The cost is \$20 each for IEEE members and their spouse or guest, and is \$35 each for non-members. IEEE Student members and their guest may attend for \$10 each.

The Holloway House is itself an historic location dating from 1808. You can read more about it at www.thehollowayhouse.com

Keynote Speaker

Post-dinner we will feature a more contemporary topic in wireless communication. Kent Hatfield of WXXI will be our featured keynote speaker. He will be talking about the past, present, and future of High Definition Television (and radio) in the Rochester area.

Reservations

Please contact the reservation clerk at RES, 585-254-2350 or email res@frontiernet.net by June 4 with your dinner choices. Seating is limited and available on a first come basis.



The Holloway House



Antique Wireless Museum

New Geoscience and Remote Sensing Society Chapter Forming

A new IEEE Geoscience and Remote Sensing Society Chapter is in the process of formation. Together with surrounding Sections, the Rochester Section has initiated the process to form a Western New York Chapter of the IEEE Geoscience and Remote Sensing Society (GRSS). GRSS deals with the theory, concepts, and techniques of science and engineering as applied to remote sensing the earth, oceans, atmosphere, and space, as well as the processing, interpretation and dissemination of this information.

The organizing petition has been signed and submitted to the IEEE for approval.

More information can be found at the society home page at <http://www.grss-ieee.org/>. If you are interested in getting involved with this new chapter, or just curious about GRSS and its activities, please contact John Kerekes, kerekes@cis.rit.edu, 475-6996.

PACE Activities

Rochester Section PACE (Professional Activities Committees for Engineers) presented two events in April promoting Engineering careers. The overall theme was the “Musical Engineer”.

PACE chair Joseph DeVita, hosted the IEEE booth at the E3 Fair at RIT on April 26. The E3 Fair is an annual event sponsored in part by the IEEE Rochester Section. The purpose of the E3 Fair is to increase interest in engineering and technology in middle school students (grades 6-8).

A prototype four-channel audio mixer and a stereo recorder accessory for directly recording to Apple iPods were demonstrated. Both products were designed locally at Belkin International’s R&D facility. The designer and IEEE member, Scott Jackson, was on hand at the booth during the morning session. He described his role in new product design and how he is able to combine his personal interests and enthusiasm for music in his professional work.

PACE recognized the efforts and achievements of Celeste Bain on April 27. Celeste is a biomedical engineer, educator, director of the Engineering Education Service Center and an award-winning author of multiple books including *Is There an Engineer Inside You?* Her most recent publication, *The Musical Engineer*, is a music enthusiast’s guide to careers in engineering and technology.

A limited number of copies of *The Musical Engineer* are available for donation to local school libraries and career guidance offices. Please contact Joe DeVita at: roc-section-PACEChair@ieee.rochester.ny.us.

Brain Teaser - Imperial Idiocy

This month's brain teaser, heavily tongue-in-cheek, was first printed here in 1993 and owes much of its challenge to the crazy system of U.S. Customary weights and measures. We inherited this system mostly from the English, who call it Imperial Measure. In Canada it is called Imperial Measure, eh?

A 180 pound, 5 foot 8 inch chemist has only 30 minutes to live. In his laboratory, he has all the ingredients needed to make an antidote to the poison which is killing him. He also has the recipe for the antidote. He has measuring cups graduated in ounces, and a variety of vessels in which to blend the elixir. Here is the recipe:

Take a half cup whole milk, one-third cup water, one-quarter cup chocolate syrup, 2 tablespoons oil of peppermint, one-third teaspoon vanilla extract, one-fifth magnum fine Champagne, half a split of cheap Canandaigua Rose, 50 drams of Hamamelis Water, one No. 2 can of V-8 juice, one-eighth of a barrel of Kentucky crude oil and a fifth of a yard of wet 3000 psi concrete and mix well. Then, immerse completely in the mixture for 30 seconds. The question is, of course, does he live? (Answer in August)