



## IEEE NEWS FOR JUNE 2014

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

### **Rochester Section Meeting – Tuesday, June 3 at Noon**

The next monthly Rochester Section business meeting is on Tuesday, June 3, 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.

### **From the Section Chair, Greg Gdowski**

**Please mark and hold August 2, 2014 on your calendar.** That is the date of the Rochester Section's Centennial Banquet at the Hyatt Regency Hotel located in downtown Rochester. The meeting will occur in tandem with the Region 1 Board of Governors meeting in Rochester. The IEEE Region 1 leadership has been invited to attend Rochester's Centennial Banquet. This is a great opportunity for the Section to showcase its history and activities. This is also an exceptional opportunity for Rochester members to network with IEEE leadership.

A special thanks goes out to the IEEE Student Branch at the University of Rochester. On April 10th, they visited the Mendon Center Elementary School in Pittsford for an outreach event. Wendi Heinzelman (UofR faculty advisor and Dean of Graduate Studies) joined with several undergraduate students including Jeremy Warner, and Gary Ge to teach 150 elementary students how to make a speaker using a paper plate, some wiring, and a magnet. The elementary students learned a little about electronics and had great fun in constructing the speaker out of simple paper plates. (see the photos at the end of the newsletter) The Rochester Section is looking to expand on this great idea. We would really like to bring electronics into as many elementary schools as possible. ***If you are interested in having us run an outreach program in your children's elementary school, please contact me.***

**We need your help!** If you are a member of the Photonics Society Chapter, we will be contacting you very soon. Bruce Smith (Microsystems Engineering, RIT) has graciously offered to help us spearhead the rejuvenation of the Rochester Chapter. However, we need more volunteers to fill **all officer roles** in order to maintain the status of the

Chapter. Please contact one of the Rochester Section IEEE Officers today for more information as to how you can help with the local Photonics Society Chapter.

**Have you been an IEEE member for over 10 years?** Have you been active for five years as an engineer, scientist, educator, or technical executive? Consider elevating your membership to a Senior Member Grade! All newly elevated Senior members receive an engraved Senior Member plaque to commemorate their achievement. You will also receive a \$25 coupon for joining any new IEEE society. There is a short application process on the main IEEE website. This includes providing three references from existing Senior members. If you do not know any Senior members, I would be glad to help identify them for you. Please contact me if you are interested in elevating your membership to Senior Member Grade.

Please remember to check the status of your IEEE profile settings for receiving notification of section news. It is critical that you check on your profile today! The RES does not publish The Rochester Engineer in July! **The only way we will be able to contact you in July is by email.** A number of our members have entered invalid email addresses or have selected to not receive communications via email in association with their IEEE membership. The easiest and quickest way for us to keep you informed about upcoming events is by email. Please visit the IEEE website (<http://www.ieee.org>) and verify your contact information. That will allow us to keep you informed as events evolve within the Section. I also have some great news if you have not yet renewed your membership. The annual half-year membership dues period has begun!

***Additional Events:***

On June 17-18<sup>th</sup>, the Rochester Institute of Technology will be hosting the second annual “**Effective Technology Conference**” at the Rochester Riverside Convention Center. This two-day conference will feature speakers, exhibits, and poster sessions. It is a great opportunity to share ideas and innovative solutions to the challenges of applying technology to make access for individuals truly effective. Please visit their web pages at: <http://www.rit.edu/research/access/>

**If you are looking for a cheap \$3 lunch**, join us for the next monthly Rochester Section IEEE Executive Committee meeting. It will be from 12-1pm on June 3<sup>rd</sup> at the Hibachi Sushi Buffet in Southtown Plaza (3333 W. Henrietta Rd, Henrietta, NY). Please join us to learn more about the Society and how you may contribute.

I hope to see you at the next Executive Committee meeting!

Best,  
Greg

## **Free E-book for IEEE members**

In June, IEEE-USA will offer “Career Planning Guide: How to Achieve Greater Satisfaction and Impact at Work.”

This e-book challenges readers to analyze themselves and their current job by completing a self-assessment, writing down their likes and dislikes and listing what their ideal job would be. The reader is then asked to think about their talents and accomplishments and prepare vision statements.

After reading this, you will have a ready reference of knowledge to help you achieve greater satisfaction and impact on the job.

This e-book will be available free to members starting 1 June.

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

## **Rochester Interdisciplinary Audio Engineering Symposium (RIAES)**

With an overall theme of Music, Audio and Mind: Interconnecting sound of past, present and future, the College of Applied Science and Technology (CAST) of Rochester Institute of Technology (RIT) will host the first Rochester Interdisciplinary Audio Engineering Symposium (RIAES) on Monday, June 16, 2014.

In this symposium, top researchers in the field of Audio Engineering and Music Technology around the world come to RIT, and share their insights, experiences, and recent research results. Topics including (but not limited to) music perception, recent audio programming trend, spatial hearing, brain responses to music, new materials for sound reproduction, and more.

### **Speakers**

- Bill Thompson (Co-founder of ASHLY AUDIO)
- Mark Bocko (University of Rochester)
- Zhiyao Duan (University of Rochester)
- Masahiro Ikeda (Yamaha Corporation)
- Hiraku Okumura (Yamaha Corporation)
- Inyong Choi (Boston University)
- Sungyoung Kim (RIT)

The event will be held in Room 3185 of the Engineering Technology Building (Building 82) on the campus of the Rochester Institute of Technology from 1:00 to 5:30PM. An interactive RIT campus map to help in locating the event is available at:

<http://maps.rit.edu/>

Informal discussion will start at 12:30PM, and a light snack will be provided during the symposium.

CAST and the department of Electrical, Computer, and Telecommunication Engineering Technology (ECTET) hope to meet all audio- and music-lovers in the greater Rochester area through this unique event.

The organizing members of the symposium are: Prof. Michael Eastman, Prof. Mark Indelicato, Prof. Clark Hochgraf, and Prof. Sungyoung Kim, all from RIT.

The event is free and open to anyone with an interest in the subject. Advance registration is requested, and can be done online at: <http://www.eventbrite.com/e/1st-rochester-interdisciplinary-audio-engineering-symposium-riaes-tickets-11662658325>

### **IEEE TV worth a look**

If you are going to pass time looking at kitten videos, mashups and the like, why not switch to IEEE TV and actually learn something worthwhile?

IEEE.TV is free to the general public, and made possible by IEEE members and select industry-sponsors.

IEEE members can also log in to access special members-only programs and site features, including downloads and transcripts.

Rather than just reading about it, go to [www.ieee.tv](http://www.ieee.tv) and see what you may have been missing.

## IEEE Outreach to elementary school students in Pittsford, NY



