

# IEEE Rochester Section

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October Newsletter, 2015

<http://rochester.ieee.org>

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## AUGUST 13<sup>th</sup>, 2015 WAS STEVEN SASSON DAY IN ROCHESTER!



### Message from the Chair

Dear Members,  
August 13<sup>th</sup> was a remarkable day for Rochester and for IEEE. Mayor Warren has proclaimed the day to be Steven Sasson Day in Rochester. This was one of the most gratifying events that I have helped to organize through IEEE. The event at Eastman House was sold out weeks before the event, which was attended by 100+ IEEE members and guests. Members were treated to one

of the best stories of success that I can remember listening to in person. Many Rochesterians don't realize that Steven Sasson invented the initial technology behind the digital camera when he was only a few years out of college. There are almost 6.8 billion cell phones today and the majority of them have the capacity to take photographs thanks to technology invented here in Rochester! Steve told us about the challenges that faced Kodak in dealing with technology that would completely disrupt the film business. Invent Now, Inc. CEO Michael Oister attended and commented on Steve's accomplishments and induction into the National Inventors Hall of Fame. Director of Region 1 - IEEE, Vince Socci, also attended and talked about some of the remarkable technologies developed in the Rochester Section. It was truly a spectacular event for the Rochester Section. A special thanks to Quartet442 for their music performance, Gatherings Catering for the wonderful food, and Eastman House for their terrific hospitality!

### NEW Graduate Student Scholarship. Applications now being accepted!

If you are a new graduate student in the Rochester area, you are going to want to join the IEEE Society. Only Rochester Section IEEE members can apply for the new graduate student scholarship! Applications are open today. This is the first year that the Rochester Section will offer a \$1,500 scholarship exclusively for graduate students. Please visit our new web pages today.



**39<sup>th</sup> IEEE EDS Activities in Western New York Conference**  
Friday Nov 6<sup>th</sup>, 2015

**Louise Slaughter Building on the RIT campus**  
**(CIMS, Bldg. 78, Conference Rooms 2210-2220)**  
**Rochester Institute of Technology, Rochester, NY**

A luncheon will be served at noon to those that pre-register on our

website: <http://www.rit.edu/kgcoe/eme/EDSWNY>

### Notification of change Officers – Antennas & Propagation/Microwave Theory Techniques Chapter

Gregory Pettis – Chair

Jayanti Venkataraman – Treasurer

Joseph Majkowski – Vice Chair

Danielles Walters – Secretary

## How do you arm a STEM Teacher with real-world application examples?

### Put an Engineer in the classroom!

That is the topic of our **October 15<sup>th</sup> IEEE Life members meeting**. Join us for a look at Rochester's history of outreach successes from even before the Science, Technology, Engineering and Mathematics (STEM) acronym was invented. Our speaker will be the *Rochester Engineering Society* (RES) volunteer coordinator, **Jon Kriegel**, who has seven years' experience doing classroom visitations, STEM coaching, in the Rochester City School District (RCSD) classrooms.

The RES is inviting engineers in the area to support a myriad of STEM Initiatives in Upstate New York, where the Goal is to:

- Help the Teacher stay current with our ever-changing technology
- Share application examples with student, making whatever topic is being taught, real enough to be meaningful and therefore remembered
- Support the teacher with both the delivery of engineering and technology concepts, and more importantly, actual supportive hardware

**The meeting will be October 15<sup>th</sup> at the Rochester Yacht Club, 5555 St. Paul Boulevard, at noon.** Lunch will be provided at a cost of \$3 for IEEE members and \$6 for non IEEE members. You are encouraged to bring a guest who would be interested in being a STEM volunteer. The RES has also started a tutoring program last year in Dr. Walter Cooper Academy at School #10 in the RCSD. Please send your reservation to Carol Richardson at [Carol.Richardson@rit.edu](mailto:Carol.Richardson@rit.edu) by **October 13<sup>th</sup>**. Additional information on the meeting is available from Carol Richardson. This meeting will be repeated in November. Check the RES calendar for time and location of the meeting.

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### Please come to our next Excom meeting to help us celebrate IEEE Day!



**The next Rochester Section Excom meeting is on Tuesday, October 6<sup>th</sup> at Noon** at the Hibachi Sushi Buffet Restaurant in South Town Plaza on Jefferson Road (Route 252) just west of West Henrietta Road (Route 15). Any member is invited to attend. Lunch is only \$5 for IEEE members and \$3 for student members. No reservations are needed, just show up.

Directions can be found on our web pages at: <http://rochester.ieee.org/events-activities/monthly-excom-meetings/>

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### The 2015 Western New York Image and Signal Processing Workshop (WNYISPW) will take place on Friday, December 4, 2015 at RIT in Rochester, NY.

#### Topics include, but are not limited to:

- Formation, Processing, or Analysis of Signals, Images, or Video
- Computer Vision
- Information Retrieval
- Image and Color Science
- Applications of Image and Signal Processing, including: Medical Image and Signal Analysis, Audio Processing and Analysis, Remote Sensing, Archival Imaging, Printing, Consumer Devices, Security, Surveillance, Document Imaging, Art Restoration & Analysis, and Astronomy.

Prospective authors are encouraged to submit a 4-page paper (+ 5th page of references). To encourage student participation, a best student paper award will be given. Accepted papers will be published in IEEE Xplore digital library.

#### Important dates are:

Paper submission opens: **Oct. 5, 2015**

Paper submission closes: **Oct. 26, 2015**

Notification of acceptance: **Nov. 9, 2015**

Submission of camera-ready paper: **Nov. 23, 2015**

**Workshop: December 4, 2015**

Please see the conference website

<http://ewh.ieee.org/r1/rochester/sp/WNYISPW2015.html> for further details.

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### Life Member Group Meeting Announcement

At noon, on **November 9th**, the Life Member Affinity Group will have a lunch time planning meeting at the **Rochester Yacht Club, located at 5555 St. Paul Blvd.** in Irondequoit. The purpose of the meeting is to plan activities of interest to group members. **Please let me know by November 9th** if you plan to attend this meeting by emailing Carol Richardson at [carol.richardson@rit.edu](mailto:carol.richardson@rit.edu).