



# IEEE Rochester Section

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## October Newsletter, 2016

<http://rochester.ieee.org>

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**Section Chair report:** As we enter the fall please be sure to come to one of 3 workshops we have planned by 4 of our Chapters in the upcoming months. Late in October we will also be visiting a new substation at the University of Rochester! I hope to see you at one of the many events listed below!  
Best regards, Greg Gdowski Rochester Section Chair

**Celebrating the first time in history when engineers worldwide and IEEE members gathered to share their technical ideas in 1884**



This year's theme is: **Leveraging Technology for a Better Tomorrow**. IEEE Day 2016 will be celebrated on October 4, 2016. More details can be found at: <http://www.ieeeday.org>

**IEEE Annual Election for 2016** – Elect officers that serve on the top-tier IEEE governing bodies. Balloting started on August 15. All ballots must be received by **1:00pm EST on October 3, 2016**. Learn more about the candidates, visit: <http://www.ieee.org/about/corporate/election/candidates.html>

This year we have our long-time R1 leader, **Charles Rubenstein**, on the ballot for IEEE USA President! (<http://www.ieee.org/about/corporate/election/usape.html>)

### National and Regional Awards to Rochester Engineers!

#### **IEEE Masaru Ibuka Consumer Electronics Award – Recognizes**

- Outstanding contributions in the field of consumer electronics technology to **Steven J. Sasson** – President, Steven J. Sasson Consulting LLC. **Citation:** “For designing and building the first digital still camera”.

#### **IEEE Region 1 Award – Recognizes**

- Alexander C. Loui (Rochester) Technology Innovation Award for significant contributions & technical leadership of the UofR - IEEE Student Branch
- Wendi B. Heinzelman (Rochester) Outstanding Teaching in an IEEE area of Interest Award. For outstanding support & leadership of the UofR – IEEE Student Branch

### Grant Opportunity!

#### **Rochester Council of Scientific Societies**

#### **Notice of Science/Math Minigrants**

**Deadline: Oct. 31st**

The RCSS Minigrant provides a means for math and science teachers to supplement their standard funding. Up to \$250.00 can be requested. Applications will be judged on the basis of relevance to science and math, on lasting impact on students and/or class room facilities, and other aspects, such as: innovation and creativity, new teaching concepts, long term usefulness, numbers of students served, plans to share results with others. RCSS accepts applications for Minigrants from teachers in primary and secondary schools.

For more information, visit: <http://sites.ieee.org/rochester/rcss/>

**STRATUS 2016 Workshop: Systems and Technologies for Remote Sensing Applications Through Unmanned Aerial Systems**  
**October 28th, 8:00am – 5:00pm, Louise Slaughter Hall, RIT**



**Topics (UAS-Related)**

• 3D and Multi-view Imaging	• Analysis Techniques	• Applications	• Technologies
• Imaging Systems	• Platforms	• Sensors	• Sensors

**Early (online) registration deadline is October 14<sup>th</sup>**

For more information, visit: <http://ewh.ieee.org/r1/rochester/grss/STRATUS2016/>

**40TH IEEE EDS Activities in Western NY Conference.**  
**Nov. 4th, 10:30am – 5:00pm, Louise Slaughter Hall, RIT**



The focus of this conference is to bring engineers and researchers together to share information on a wide variety of topics related to microelectronic devices and systems. The conference will be a joint event technically co-sponsored by the Electron Devices Society and the Photonics Society of the IEEE Rochester Chapters. For details visit: <https://meetings.vtools.ieee.org/m/41096>

**Invited Speakers:**

- Michael Shur, RPI, “Physics and limiting mechanisms of ultrafast response of field effect transistors”
- Yiquan Wu, Alfred University, “Optical and Photonic Transparent Ceramic Materials”
- Shadi Shahedipour-Sandvik, SUNY Polytechnic Institute
- Siddharth Rajan, Ohio State University

**Want to present a poster at this meeting?** Abstracts must be received by October 28th.

Please contact: Dr. Karl D. Hirschman, (kdhemc@rit.edu) or Dr. Jing Zhang (jzeme@rit.edu)

**2016 IEEE Western NY Image and Signal Processing Workshop**  
**Nov. 18th, 8:00am – 5:00pm, Louise Slaughter Hall, RIT**



The Western New York Image and Signal Processing Workshop (WNYISPW) is a venue for promoting image and signal processing research in our area and for facilitating interaction between academic researchers, industry researchers, and students. The workshop comprises both oral and poster presentations.

For details visit: <http://ewh.ieee.org/r1/rochester/sp/WNYISPW2016.html>

Call for submitting papers, visit: [http://ewh.ieee.org/r1/rochester/sp/docs/WNYISPW\\_2016\\_CFP.pdf](http://ewh.ieee.org/r1/rochester/sp/docs/WNYISPW_2016_CFP.pdf)

Full Paper Submission Deadline: **October 24, 2016**

Notification of Acceptance: **November 01, 2016**

Camera-ready paper due: **November 11, 2016**

If you have any questions, contact **Raymond Ptucha** at 585-797-5561 or email to [rwpeec@rit.edu](mailto:rwpeec@rit.edu)

**Other Events!**

**Thursday, October 27, 2016, at 4:30pm** The Power and Energy/Industry Applications Society will take a tour of the new University of Rochester Substation on Kendrick Rd, and the Cogen Plant on Elmwood Ave.



**Location:** University of Rochester Substation, 500 Kendrick Rd, just south of I-390 overpass. Please park across the street at the Facilities Office parking lot, 271 East River Rd. RSVP to: Jean Kendrick, email: [jeankendrick@ieee.org](mailto:jeankendrick@ieee.org). Space is limited to 25 people! Register today!

<https://events.vtools.ieee.org/meeting/edit/41116>

**Thursday, Nov. 10, 2016, 5:30-7:00pm** IEEE Rochester Section will host a Senior Member Elevation Seminar. All Members interested in submitting an application for Senior Member Status should attend. (Please register for this event!)

**Location:** UofR Goergen Hall, Computer Classroom # 102 on the 1<sup>st</sup> floor, with **Jean Kendrick** as presenter. <https://events.vtools.ieee.org/m/41114>

For details, send email to: [jkendrick288@frontiernet.net](mailto:jkendrick288@frontiernet.net)

