



# IEEE Rochester Section

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October 2017

## Report from the Chair



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- RES**  
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### Sections Congress meeting in Australia – Aug 11 – 13

Ram Dhurjaty and Cristian Linte attended alongside with the delegates from Region 1. Nearly, 1,800 delegates attended the meeting. Both Ram and Cristian were able to attend many of the training sessions at Sections Congress. Young professionals, student engagement, and women in engineering affinity groups were areas of expansion that were cited as important to IEEE. The following recommendations were voted forward by delegates at Sections Congress.

1. Develop an incentive program for corporations to join IEEE as ‘Corporate Member’.
  2. Develop (or expand existing) training programs and/or create partnerships with external organizations to allow members to provide STEM activities to pre-college students.
  3. Strengthen and recognize Industry/Academia/Government Collaboration/Partnerships.
- More information can be found here: <http://sections-congress.ieee.org>

**Planning for 2018:** We are looking for speakers for the 2018 Engineering Symposium in Rochester, April 24, 2018 at the Riverside Convention Center, and the IEEE JCM in late March to mid-April at RIT. Contact Vice Chair, David Krispinsky ([dgkite@rit.edu](mailto:dgkite@rit.edu)) for details. See you at the October Excom meeting!

Best regards, 

**IEEE Annual Election for 2017** – 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 2, 2017**. Learn more about the candidates, visit: <http://www.ieee.org/about/corporate/election/candidates.html>

### Multiple scholarships and awards are granted annually to undergraduate students affiliated with the Rochester IEEE Section.

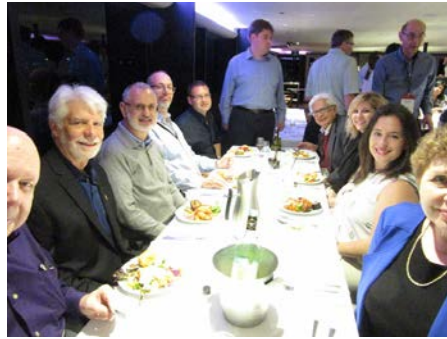
The \$1,000 scholarships recognize outstanding engineering, engineering technology, science or technology students. The application deadline is November 1<sup>st</sup>. Please visit the RES pages for more information: <http://www.roceng.org/page-1702084>.

### Antennas & Propagation /Microwave Theory Techniques – Joe Majkowski

- “Quartz Precision Frequency Control Devices”, by David Chandler from Vectron International, **Sept 27, 6-8pm**, Timber Room, Wegmans East Ave (1750 East Ave), Rochester, NY. Buffet dinner provided! 6-6:30pm arrive, mingle, eat; 6:30-7:30pm presentation; 7:30-8pm Q&A. You must to register to get food: <https://meetings.vtools.ieee.org/m/46622>.

### Photonics – Bruce Smith, Parsian Mohseni

- Mariam Deutsch, NSF DMR program director and professor of physics, “Plasmonic Sensing Using Nanoscale Thin Films”, **Fri, Oct 6<sup>th</sup>, 1:30pm GLE-2255**.
- Professor Jung-Hun Seo, Assistant Professor, SUNY Buffalo, “Single Crystalline Semiconductor Nanomembrane-based Fast Flexible Electrics & Optoelectronics”, **Fri, Nov 10<sup>th</sup>**



Pictures from Sections Congress: R1 Delegates (*left*), Dinner Cruise (*center*), entertainment (*right*)!



**STRATUS Workshop (+ Registration), October 19<sup>th</sup> and 20<sup>th</sup> from 8am – 5pm**  
**Location: RIT campus – Louise Slaughter Hall**

**Co-Sponsored by: Geoscience and Remote Sensing Society**

The workshop has a 2-track submission option. You can either submit an abstract plus presentation, or a 4-page paper plus presentation. The first track is for participants who desire to share their work (abstract) during the Conference. The second track is for authors that will present a **full paper** to be published in the proceeding. This track requires a 4-page IEEE style paper and will undergo a full peer-review process.

The program will include both oral and poster sessions, networking breaks, exhibits, and live demonstrations.

- Early (online) registration deadline **Friday, October 6, 2017**
- Camera-ready paper due (full paper) **Friday, October 6, 2017**

Due to the generous financial support from the IEEE GRSS, early registration will be **\$50** (\$70 late) for workshop participants. **There is no cost for students to attend.** Seating is limited on a first-come-first-serve basis. If you are interested in a specific tutorial(s), please complete the “Special Request” when you register.

**Tutorials:** (Tuesday, October 10, 2017) Each tutorial costs \$20 (includes lunch)

- **Tutorial 1:** 9am – 12pm, “Introduction to UAV Radiometry and Reflectance” **Chris Durell of Labsphere, Inc.**
- **Tutorial 2:** 1pm – 4pm, “UAS Focused Photogrammetry / Mapping with Pix4D” **Paul Spaur of Pix4D, Inc.**

**For details and registration, visit:** <http://sites.ieee.org/rochester/event/2017-stratus-workshop-registration/>

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**41<sup>st</sup> IEEE EDS Activities in Western New York Conference – Friday, November 10 from 8:30am to 5:00pm**  
**Location: University Gallery & Web Auditorium, James E. Booth 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 Chapter. The conference will be held at RIT in Booth Hall; please visit the following link: <http://facilities.rit.edu/campus/maps/>.

**Lunch will be served to those that pre-register on our website:** <http://www.rit.edu/kgcoe/microelectronic/EDSWNY>

**Call for Posters:** Abstracts are being solicited for poster presentations in microelectronics and photonics, especially those which promote research and development activity in Western New York. Abstracts must be received by Nov 3<sup>rd</sup>. Submission can be done electronically to [kdhemc@rit.edu](mailto:kdhemc@rit.edu).



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**2017 Western New York Image and Signal Processing Workshop**  
**November 17 from 8:30 am to 5:30 pm @ RIT – SLA bldg. 078**  
**Co-sponsor by: Signal Processing Society**

The 20th annual 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.

Visit <http://events.vtools.ieee.org/m/46812> for details.

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**NEXT Rochester Section EXCOM Meeting – October 3<sup>rd</sup>, 2017 @ 11:45 - 13:00**

**Location: Jade Garden Buffet in South Town Plaza 3333 W. Henrietta Rd, Henrietta, New York.**

**Please visit our website to see more upcoming events!** <https://events.vtools.ieee.org/m/44006>