



# Rochester Section Executive Committee Meeting

Nov 7, 2017 MEETING MINUTES

Jade Garden, 3333 Jefferson Road, Rochester, NY 14623

Agenda and Attendance List attached at end.

Meeting called to order at 12:10 PM. Quorum was established with 14 voting members.

## Section Officer Reports

### Section Chair Report –Greg Gdowski

- Looking for feedback for Tandoor or Jade Garden. Received 1 vote for the Jade at the end of the meeting
- Sad news, our good friend Thomas Pian passed away on Oct 12<sup>th</sup>. He was active in our section, but moved to California to work for Apple a few years ago.
- Volunteer appreciation dinner, Daisy Flour Mill, Thurs Dec 14.
- Online video tutorials on vtools usage posted to YouTube. Posted via R1 web page:  
<http://r1.ieee.org/how-to-videos/>
  - 1) How to set up a meeting notification within Vtools so that it appears on all of the direct feed IEEE calendars (including the one on the R1 web pages).
  - 2) How to send out an express notification to your members through Vtools.
  - 3) Note- you can now send out an email when you initially register your event on Vtools.
- Check out newsletter and website- <http://rochester.ieee.org>

### Section Vice-Chair Report – David Krispinsky

- Looking for speakers for the 2018 Engineering Symposium in Rochester- April 24<sup>th</sup> at the Riverside Convention Center (new venue due to growing attendance). Has a few speakers already, but looking for more! Jean Kendrick will be helping this year.
- IEEE JCM date confirmed at March 28, 2018, CIMS building at RIT. Will only have six speakers. Ideas for keynote speakers, static electricity Kelly Robinson from Corning glass.
- Just came back from Seattle for Green Energy challenge proposal (sponsored by NICA). Kickoff for next year's event is in January- (meeting in Philadelphia next year) contact Dave if you are interested!

### Section Treasurer Report –Bill Fowlkes

- No report.
- Reimbursements can be made for or any event by sending email to Bill (william.fowlkes@kodak.com) using RTF form from website.

### Section Secretary Report –Ray Ptucha

- Motion to approve Oct minutes by Ram Dhurjaty, Eric Brown second, motion passed.

## Chapter Society Reports

Communications / Aerospace and Electronic Systems Societies Joint Chapter – Cristiano Tapparello

- No report

### **Computer/Computational Intelligence Societies Joint Chapter –Bo Yuan**

- No report

### **Electron Devices Circuits and Systems – Santosh Kurinec for Sean Rommel, Karl Hirschman, Rob Pearson**

- The 41<sup>st</sup> Annual IEEE EDS Activities in Western New York Conference will be held on Friday, November 10<sup>th</sup> in the University Gallery in Booth Hall at RIT. (co-sponsored by the EDS/CAS Society and the Photonics Society of the IEEE Rochester Chapter.) A luncheon will be served at noon to those that pre-register on the vTools website: <https://events.vtools.ieee.org/m/47771>. Student presentations as well as invited Speakers:
  - Rama Vetury, Akoustis, Inc., “Acoustic Wave Technology Enabling the Internet of Things”
  - Todd D. Krauss, University of Rochester, “Colloidal Semiconductor Nanocrystal Photocatalysts: Teaching an Old Dot New Tricks”
  - Anthony Yu, GLOBALFOUNDRIES, “GlobalFoundries 300mm Silicon Photonics Foundry”
  - Jung-Hun Seo, University at Buffalo, “Single Crystalline Semiconductor Nanomembrane-Based Fast Flexible Electronics & Optoelectronics”

### **Engineering in Medicine and Biology – Cristian Linte**

- There is a new EMBS club at RIT – RIT BioPrint – focuses on cross-disciplinary modeling and 3D printing for biomedical application –
- Looking for JCM speakers.
- Sponsoring WNYISPW for up to \$600.

### **Geoscience and Remote Sensing – Emmett Ientilucci**

- STRATUS workshop was held at RIT on Oct 19-20 to sold out capacities. Twelve oral presentations and two keynote speakers (Charles Mondello from Property Drone Consortium and Richard Notargiacomo from RIT Venture Creations). 81 attendees including 23 from industry and 7 different universities. The day before the event, there were two sold-out full day tutorials by Labsphere (UAV Radiometry and calibration) and Pix4D (Photogrammetry and mapping).

### **Life Members – Mark Schrader**

- Optical-acoustic imaging talk being planned by Dr. N. Rao from CIS, at RIT.
- Considering talks on acoustic lab and antique wireless museum talk.
- New members need fill out membership paperwork, but there is no fee.

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

- No report.

### **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, approx. 20 attended.

- Photonics Chapter meeting: “Developing Smart Optical Coatings for Enhanced Solar Energy Conversion” by Dr. Ian D. Hosein of Syracuse University, Nov 8, 2017, 2-3pm, RIT, Bldg 70, Room 2400.
- Professor Jung-Hun Seo, Assistant Professor, SUNY Buffalo, “Single Crystalline Semiconductor Nanomembrane-based Fast Flexible Electronics & Optoelectronics”, Fri, Nov 10<sup>th</sup> (Part of IEEE EDS Activities in WNY Conference), University Gallery. New speaker added to this event, Todd Krauss, from University of Rochester- he is active in photonics, photochemistry.

### **Power & Energy / Industrial Applications – Jean Kendrick**

- No report.

### **Signal Processing – Ray Ptucha**

- WNYISPW will be Fri, Nov 17<sup>th</sup> at RIT- speakers include:  
 Gao Huang from Cornell: DenseNet inventor and 2017 CVPR best paper winner  
 David Crandall, University of Indiana  
 Kevin Parker from UofR: inventor and Dean Emeritus at UofR  
 Anh Nguyen from Univ of Auburn: one of the world’s top authorities on generative adversarial networks  
 Edgar Bernal from UTRC, Hartford: vision and machine learning  
 Dhiresha Kudithipudi from RIT: neuromorphic computing  
 Syed Ahmed, RIT student and NVIDIA employee: tensorflow tutorial  
 Mathworks tutorial on deep learning
- Chapter was contacted by George Olekson from IEEE. Need to fill out IEEE Signal Processing Society Chapter Certification Form 2018 to recertify chapter.

### **Technology & Engineering Management Society – Paul Lee**

- Had meeting on Oct 25<sup>th</sup>, “Are you an innovator? Do you know what types of innovators are on your team? Come and find out!”, by Dr. Gerard E. Fisher and Jonathan Rosenfeld of Innovating.com. Developed a tool so that you can test your innovative mindset, targeted to corporations, DOD, and general public.

### **Young Professionals – Eric Brown**

- Next ROC City BioBeers (technical and networking event), Dec 5, 5:30pm: Location: Simone Center, RIT. Topic is Ophthalmology and Telemedicine. Ian Cox, President and Founder of IGC Consulting, will provide a keynote presentation on the ophthalmic Medical Device Industry. The Featured Entrepreneur, Filipp Ignatovich, CTO of Lumetrics, will present on a telemedicine application of a new fundus camera technology from Lumetrics to our business panel for feedback.
- Next meeting in progress.

### **Student Branches – Mark Schrader**

- Scheduling a meeting with Tom Howard to reinvigorate UofR participation. No report, but note both RIT and UofR both have \$1500 budgets for 2017, and neither have spent any money in 2017 yet!
- We established a graduate scholarship two years ago. Is it still being awarded? Should we continue this? Ray Ptucha made a motion, Ram Dhurjaty second, motion passed. Bruce Smith will help review applications.

### **University of Rochester Student Branch – Tom Howard**

- No report, but hoping to make all incoming juniors in electrical engineering IEEE student members!

### **Rochester Institute of Technology Student Branch- Gill Tsouri**

- Had RIT student meeting yesterday. Working with Gill Tsouri to help work better with RIT. Working on updating website. Advertising scholarship, and having soldering workshop, Fri, Nov 17<sup>th</sup>, 5pm, in the GLE-3280.

## **Committee Reports**

### **Membership Report –Greg Gdowski**

- RES and IEEE scholarships are available to IEEE student members. There are 37 IEEE undergraduate student members in our section, and two \$1500 scholarships- so odds are in your favor. As of Sept 27, 891 members, 500 regular, 140 senior members, but still down for student members.

### **Awards Report – Jean Kendrick**

- No report

### **Education K-12 – Jayanti Venkataraman**

- No report.

### **Electronic Communications Coordinator – Greg Gdowski**

- No report

### **Newsletter Report – Anh Karam**

- Due date is always the 10<sup>th</sup> of the month for the next month (but Anh needs a few days to put article together).
- Please send (Anh Karam, [atkdar@rit.edu](mailto:atkdar@rit.edu)) information- pictures, one-liners, articles, any information on events (pictures are always encouraged!).

### **PACE Report – Bruce Rubin, Alex Loui**

- Co-sponsored event with TEMS: “Start-Ups - Featuring Syracuse University New York State Science & Technology Law Center and ICIP Consulting - ROCHESTER TEM14 CHAPTER”, Nov 9<sup>th</sup>, 6:30pm, Xerox Auditorium, RIT. Three speakers:  
Prof. Jack Rudnick of Syracuse University College of Law & ICIP Consulting, LLC  
Laila Kobrossy Audi & Dominick Danna of ICIP Consulting, LLC  
Chris Horacek, Principal, Intellectual Property & Regulatory Strategy
- Still hoping for Speaker, Robert Neff from Michigan or Vince Socci from Binghamton- impact of autonomous driving on society. Was waiting on distinguished lecturer, but was declined. Vince Socci also a very good speaker on the same topic; also professor from Cornell. Currently weighing pros and cons of options.

## **Liaison Reports**

### **Rochester Engineering Society (RES) Report –Harold Paschal**

- In the process of nominating for engineer and young engineer of the year award
- Doing GALA planning
- RES magazine always looking for new technical articles!
- We have nominated two undergrad RES scholarships

### **Rochester Council of Scientific Societies (RCSS) Report – Bill Brewer**

- Next meeting will be Nov 13<sup>th</sup>, noon, Strasenburgh Planetarium, Noon.
- Held elections (re-elected treasurer). Hoping to re-elect president
- Has money for minigrants as applications are entered
- The science congress (next event March '18) was struggling financially, but now have arrangement with Tera Corporation which is sponsoring them.
- Science education days will be in May '18 again, looking for folks willing to put on exhibits.

### **Old Business-**

- Nomination committee has been speaking to candidates for Chair, Vice-chair, Treasurer, and Secretary. Elected folks will run for two years. If you are interested, please contact one of the committee members (Paul Lee, Cristian Linte, and Ray Ptucha). Current slate:
  - Chair- Ram Dhurjaty
  - Vice-chair- Cristian Linte
  - Treasurer- Bill Fowlkes
  - Secretary- Eric Brown
- Bio and position statements put on website. Voting vtools goes live Nov 7<sup>th</sup> and will close Dec 4th.

### **New Business-**

- Can ROC section establish an endowment fund to reduce or eliminate student membership fees- will bring up as motion next time.

### **Open Discussion-**

### **Adjournment**

- Motion to adjourn meeting by Eric Brown, second by Ray Ptucha motion passed.

Minutes compiled by Ray Ptucha

### **Attachments**

1. Meeting Agenda
2. Attendance List



# Rochester Section Executive Committee Meeting Agenda

**Date:** Tuesday, Nov 7, 2017, Noon

**Place:** Jade Garden (formally Hibachi Sushi Buffet), 3333 Jefferson Rd,  
Rochester, NY 14623

## A. Section Officer Reports

- Section Chair Report: [Greg Gdowski](#)
- Section Vice-Chair Report: [David Krispinsky](#)
- Section Treasurer Report: [Bill Fowlkes](#)
- Section Secretary Report: [Ray Ptucha](#)

## B. Chapter Society and Group Reports

- Aerospace and Electronic Systems Society and Communications Society (AES10/COMM19): [Cristiano Tapparello](#)
- Computer Society and Computational Intelligence Society (C16/CIS11): [Bo Yuan](#)
- Electron Devices and Circuits and Systems: [Sean Rommel](#), [Karl Hirshman](#), [Rob Pearson](#)
- Engineering in Medicine and Biology Society (EMB18): [Cristian Linte](#)
- Rochester/Binghamton/Buffalo/Ithaca/Syracuse Geoscience and Remote Sensing Society (GRS29): [Emmett Ientilucci](#)
- Life Members Group: [Mark Schrader](#)
- Microwave Theory and Techniques Society / Antennas and Propagation Society (MTT17/AP03): [Joseph Majkowski](#)
- Photonics Society (PHO36): [Bruce Smith](#), [Parsian Mohseni](#)
- Power Engineering Society / Industry Applications Society (PE31/IA34): [Jean Kendrick](#)
- Signal Processing Society (SP01): [Ray Ptucha](#)
- Technology Management Society (TM14): [Paul Lee](#)
- Young Professionals: [Eric Brown](#)

## C. Student Chapter Reports

- Rochester Institute of Technology: [Gill Tsouri](#)
- University of Rochester: [Tom Howard](#)

## D. Committee Reports

- Membership Report: **NEED VOLUNTEER!**
- Awards Report: [Jean Kendrick](#)
- Electronic Communications Coordinator: [Greg Gdowski](#)
- Newsletter Report: [Anh Karam](#)
- PACE Report: [Alex Loui](#), [Bruce Rubin](#)

## E. Liaison Reports

- Rochester Engineering Society (RES) Report: [Harold Paschal](#)
- Rochester Council of Scientific Societies (RCSS) Report: [William A. Brewer](#)

## F. Old Business

## G. New Business

## H. Open Discussion

## I. Adjournment

# IEEE Rochester Section Meeting

Nov 7, 2017

## Attendance List

27 in Attendance

<u>Name</u>	<u>Position</u>
Gdowski, T. Greg	Section-Chair
Krispinsky, David	Section-Vice Chair
Ptucha, Ray	Section-Secretary
Kendrick, Jean	Section-Awards Chair
Loui, Alex	Section-Sr. Past Chair/ Past R1 Area Chair
Brown, Eric	Young professionals, gold- Chair
Majkowski, Joe	mtts-Chair
Smith, Bruce	Photonics- Chair
Schrader, Mark	Im-Chair
Lee, Paul	T&EMS-Chair
Brewer, William	RCSS Liaison
Paschal, Harold	RES Representative/ tmc-Vice Chair
Karam, Anh	Section-Newsletter Editor
Buckle, Ken	Vol-Member at large
Dhurjaty, Ram	Life senior member
Kurinec, Santosh	IEEE fellow
McClure, Elisabeth	RIT student member
Ooi, Yu Kee	RIT student member at Large
Palumbo, Anthony	Vol- Member at Large
Rubin, Bruce	Sr. past chair, IEEE Mohawk valley
Sasson, Arshia	RIT 2017 student treasurer
Scheerens, Larry	vol-Member at Large
Zhang, Yoli	RIT 2017 student member
Vivino, Mark	vol-Member at Large
Lin, Liu Ti	RIT 2017 student member
Church, Rick	vol-Member at Large

Young, Dave	vol- Senior Member at Large