Rochester Section Executive Committee Meeting

Date: Tuesday, October 2, 2018
Time: 12:00 PM
Place: Tandoor of India, 376 Jefferson Rd., Rochester, NY 14623

Minutes

Meeting called to order at 12:01 pm. Quorum was established with 15 voting members.

I. Section Officer Reports

A. Section Chair Report: Ram Dhurjaty
- ◊ Updates:
  1. Remember to send monthly updates to Ram and Eric before the ExCom meeting even if you will be attending.
  2. Several Section members received IEEE Region 1 Awards:
     - **Cristian A. Linte** (Rochester) - Outstanding Teaching in an IEEE Area of Interest (University or College) Award. For contributions to the biomedical engineering profession and to educating and training future generation of engineers, in particular, to the field of medical image computing, modeling, and visualization for computer-aided diagnosis and image-guided surgery.
     - **Jiebo Luo** (Rochester) - Technological Innovation (Academic) Award. For contributions in computer vision and data mining
- ◊ Announcements:
  1. October 2nd, 2018 is IEEE Day.
- ◊ Upcoming Events:

B. Section Vice-Chair Report: Cristian Linte
- ◊ JCM 2019:
  1. RIT venue is booked for April 9, 2019.
  2. Will host ExCom at 2pm or 2:30pm, then members can stick around for JCM events. Looking for built in registration discount so that if you go to both events, you can save a little on registration fees.
  3. Jon Kriegel agreed to be keynote speaker- topic is the Chandra Space Telescope.
  4. Looking for 6 Chapter speakers. Please contact Cristian if interested. Can also utilize IEEE Distinguished Lecturers.

C. Section Treasurer Report: Bill Fowlkes
- ◊ [waiting on e-mail summary]

D. Section Secretary Report: Eric Brown
- ◊ Motion to approve September minutes was made by Eric Brown, Christian Linte second. Motion passed. Approved, 1 abstention
- ◊ Reminder to e-mail monthly updates

II. Chapter Society and Group Reports

A. Aerospace and Electronic Systems Society and Communications Society (AES10/COMM19): Cristiano Tapparello
- ◊ No update

B. Computer Society and Computational Intelligence Society (C16/CIS11): Bo Yuan
- ◊ Update:
  1. Joint sponsored a keynote speaker at the Great Lake Security Day on September 14. Over 100 attendees. Among them 20 were IEEE members. The topic was 'When Electronic Privacy Gets Physical: Privacy in the Age of Pervasive Photography' the speaker is Dr. Apu Kapadia, Associate Professor at Indiana University.
- ◊ Upcoming Activities:

1. November 9 Technical Talk: "Cache Side-Channel Attack and Defense on Mobile and IoT Devices" by Dr. Ziming Zhao, who is an Assistant Professor in the Department of Computing Security.

C. Electron Devices and Circuits and Systems: Sean Rommel, Karl Hirschman, Rob Pearson
   ◊ 42nd annual IEEE EDS Activities in Western New York Conference, Wed, *Nov 5th*, University Gallery at RIT.
     1. The conference will include four invited talks and a student-contributed poster session. Lunch will be served.
     2. Two speakers identified so far: 1) David Starling, Penn State, quantum optics and measurements; and 2) Shyla Stoyar, Renssalier, optoelectronics. Two more will be announced soon.
     3. Registration for the event is required and is free of charge.
     4. The conference will be a joint event technically co-sponsored by the Electron Devices Society and the Photonics Society. Event is internally sponsored by RIT and looking for corporate sponsorship.

D. Engineering in Medicine and Biology Society (EMB18): Cristian Linte
   ◊ Update:
     1. Looking to schedule 3D printing event.
   ◊ Upcoming:
     1. Co-sponsoring Imaging & Signal Processing Workshop

E. Geoscience and Remote Sensing Society (GRS29): John Kerekes for Emmett Ientilucci
   ◊ Upcoming Activities:
     1. Nov 14 - Seminar
     2. STRATUS Workshop – 2019
        • Date: Feb. 25-27
        • Location: Louise Slaughter Hall @ RIT
        • Finalized the committee, the call for papers, and some marketing items.
        • Received $3,000 from the Geo-Science and Remote Sensing Society for event.
        • We are now looking for keynote / invited speakers.
        • Paper submissions will be opening soon.
        • More information can be found on the GRSS Stratus Website: http://ewh.ieee.org/r1/rochester/grss/STRATUS2019

F. Life Members Group: Mark Schrader
   ◊ Upcoming Activities:
     1. Ancient document imaging technology talk is still in the works. Talking with RIT professor Roger Easton who specializes in imaging ancient manuscripts, looking to schedule him for a talk in April. He might be a good JCM speaker.
     2. Saturday, Nov 10th @ 10am - Meeting at the Antique Wireless Museum (radio and TV) in Bloomfield, NY with a presentation by museum director, and lunch at nearby restaurant.

G. Microwave Theory & Techniques Society / Antennas & Propagation Society (MTT17/AP03): Joseph Majkowski
   ◊ Nothing to report

H. Photonics Society (PHO36): Bruce Smith, Parsian Mohseni
   ◊ Announcements:
     1. Important day for Photonics in Rochester. One of the Nobel Prize winners announced today did their award-winning work at The University of Rochester in the 1980's.
   ◊ Upcoming Activities:
     1. Seminar by Dr. David Braddock, CEO and President of OSEMI. "New Advances in MBE Technology". Wednesday, Oct. 3rd @ 1 PM in van Peursem Auditorium at RIT (1250 Gosnell Hall).
     2. IEEE EDS/Photonics Society Conference on Monday, Nov. 5th @ 12:45 PM in University Gallery at RIT (2765 Booth Hall). Prof. John Nichol, University of Rochester, presenting "Quantum Information

Processing and Metrology with Electrons in Quantum Dots". Registration is required, but free for IEEE members.

I. Power & Energy Society / Industry Applications Society (PE31/IA34): <u>Jean Kendrick</u>
   ◊ Upcoming:
      1. Hoping to do Part II of new RG&E transfer station when fully energized. Might be ready as early as November- if not early 2019.

J. Signal Processing Society (SP01): <u>Ray Ptucha</u>
   ◊ Past activities to report:
      1. Next Generation Arithmetic for HPC and AI: An Update by John Gustafson, Thur Sept 27th, 2-3pm at RIT. 29 in attendance. SPS paid for pizza and soda ($40).
   ◊ Upcoming Activities:
      1. John Gustafan, "Next Generation Arithmetic for HPC and AI: An Update", *Thurs Sept 27th*, 2-3pm, 078-SLA-2240, RIT campus.
      2. The 21st Annual Western NY Image & Signal Processing Workshop (Website https://goo.gl/5ztVhB). Friday, Oct 5th @ RIT Nine invited speakers on machine learning, deep learning, and signal processing. (121 registrants and counting). Co-sponsored by IEEE EMBS, IS&T, Mathworks, and NVIDIA.
         • The submission and review system is closed. We had:
            o 30 valid submissions
               ▪ 12 abstract only submissions (all will be accepted as posters for non-IEEE Xplore consideration)
               ▪ 18 full paper for review:
                  • 8 accepted as Oral with IEEE Xplore (last year we only accepted 8 of these…this year we can do up to 10)
                  • 6 accepted as Poster with IEEE Xplore
                  • 4 accepted as Poster without IEEE Xplore
         • For more information: Workshop website: http://ewh.ieee.org/r1/rochester/sp/WNYISPW2018.html Registration: https://meetings.vtools.ieee.org/meeting_registration/register/174741
      3. Graph Signal Processing: Distributed Graph Filters, by SPS distinguished lecturer Geert Leus, Delft University of Technology, The Netherlands. Nov 7th, University of Rochester, 1400 Wegmans Hall, noon-1pm; https://meetings.vtools.ieee.org/meeting_registration/register/177697

K. Technology and Engineering Management Society (TEM14): <u>Paul Lee</u>
   ◊ Upcoming Activities:
      1. PACE and TEMS will be jointly sponsoring a meeting on Financial Planning for Engineers.

L. Young Professionals: <u>Eric Brown</u>
   ◊ Upcoming Events:
      1. Professional Networking Event @ NextCorps. November 1, 6-8pm. Event is free with a cash bar and appetizers. Registered IEEE members will receive 1 free beverage ticket. Looking for co-sponsors to cover costs of food.

III. Student Chapter Reports

A. Rochester Institute of Technology: (Conrad) <u>Gill Tsouri</u>
   ◊ Updates
      1. eGokart –
         • Raised over $400 with a GoFundMe campaign
         • Requesting $425 supplemental from IEEE.
            o Greg Gdowski requested that the final product feature an IEEE Logo, and that all participants be registered IEEE members.
            o Motion proposed by Ram, seconded by Mark Shrader. Motion approved unanimously.
         • All participants in project will be IEEE members.

B. University of Rochester: <u>Tom Howard</u>
   ◊ Updates

1. Had a general interest meeting to reinvigorate IEEE at U of R.
2. Hosting an ECE research panel in upcoming weeks.

IV. Committee Reports

A. Membership Report: <u>Howard Bussey</u>
 ◊ Received a note from Greg that our section met its recruiting goals for 2018.

B. Awards Report: <u>Jean Kendrick</u>
 ◊ Announcements:
   1. Remember to request mugs for presenters at IEEE events.
 ◊ Upcoming:
   1. Senior membership seminar in the works, but no registrations to date. The last meeting of the year to review senior member application will be in November. The writeup is very important for Senior Membership elevation.

C. Education K-12: Jayanti Venkataraman
 ◊ No Report

D. Electronic Communications Coordinator: <u>Greg Gdowski</u>
 ◊ Reminder:
   1. Make sure you put events on vtools. Makes it easier to do reporting and puts it on the IEEE calendar automatically.
 ◊ Working with larger section meetings (i.e. STRATUS and to advertise to adjacent IEEE Sections.)

E. Newsletter Report: <u>Howard Bussey</u>
 ◊ RES Newsletter went out for last month
 ◊ Reports due <u>before</u> the 10th each month. HBussey@ieee.org
 ◊ Upcoming:
   1. Working on the November newsletter, due October 10 to RES. It will be printed as well as published via the Internet. I think I will start making two version; one to publish to our website, that has items between the 10th of the month and the end of the month, and one for RES that has only the future month and beyond. The current contents are:
      1. Ram's message
      2. Write ups on the prizes.
      3. Upcoming activities __after__ November 1.
   • There are two IEEE student prize winners; I plan to include something about them in the next issue.
   2. I have asked to get reports of meetings that have, or will have, happened so that I can start putting the meeting reports into the newsletter also.

F. PACE Report: <u>Alex Loui</u>, <u>Bruce Rubin</u>
 ◊ Updates to report:
   1. None.
 ◊ Upcoming Activities:
   1. Planning on a joint event with TEMS for the fall.

V. Liaison Reports

A. Region 1 Report: Greg Gdowski:
 ◊ No updates to report

B. Rochester Engineering Society (RES) Report: Greg Gdowski
 ◊ Upcoming:
   1. October 26 - Tour of U of R Laser Energetics Lab on a Fri evening. IEEE members receive a discount on admission.
   2. Annual IEEE Scholarships:
      • Need to start promoting. We have two undergrad awards.
      • Are we offering a graduate student scholarship?

C. Rochester Council of Scientific Societies (RCSS) Report: <u>William A. Brewer</u>
    ◊ No update to report

VI.   Old Business
VII.   New Business
VIII. Open Discussion
IX.   Adjournment

Motion to adjourn by Eric Brown, second by Ray. Motion passed.

XI.   Attendance

Voting Members	Non-Voting Members
Dhurjaty, Ram	Das, Madirakshi
Linte, Cristian	Hochgaf, Clark
Brown, Eric	Krispinsky, David
Fowlkes, William	Scheerens, Larry
Kendrick, Jean	Stubler, Peter
Gdowski, Greg T.	Tague, Lyle
Ptucha, Ray	Vivino, Mark
Yuan, Bo	Mislati, Reem
Majkowski, Joe	Miszuzak, Conrad
Schrader, Mark	Robinson, Kelly
Lee, Paul	
John Kerekes	
Mohseni, Parsian	