

IEEE Rochester Section ExCom Meeting
Minutes Draft for Review/Approval

Date: Tuesday, December 6th, 2022

Time: 12:00 AM

Place: Tandoor of India,
Meeting (in person @ Tandoor of India plus WebEx)

Attendees: Eric Brown, Sreeram Dhurjaty, Blake Donley, Greg Gdowski, Jean Kendrick, Ming-Lun Lee, Paul Lee, Deyasini Majumdar, Christina Nguyen, Joe Ott, Anthony Palumbo, Mark Schrader, Eric Zeise

Meeting called to order by Chair.

I. Section Officers Report.

A. Chair Report – Eric Brown:

1. Remember to renew your IEEE membership for 2023.
2. Section vitality survey is open for ExCom members to respond.
3. IEEE Rochester Section Awards and Volunteer Recognition Dinner,
Thursday, December 15th, 2022, @ Glendoveer's 2328 Old Browncroft Blvd
6:00 PM Reception
7:00 PM Buffet Dinner
8:15 PM Awards Ceremony
Please register if you plan to attend !
(12 registered as of December 2nd)

B. Vice Chair Report – Kelly Robinson:

1. Rochester Contributions to Space Technologies
 - Late January - early February, Date TBD
(late January to early February seems good at RMSC, just MLK & President's Day)
2. Joint Chapters Meeting
 - Late March - early April (avoid April 3rd - 7th to avoid School Spring break)
(perhaps 3 out of 4 weeks in April with school breaks or religious holidays)
 - Date and Location TBD
(Terra Science Fair on 23-March at RMSC)
3. Working to create an IEEE Rochester Section Events Calendar so that we can schedule events to avoid conflicts.
4. Need to know what events are planned for January - March 2023?
Please send event title, date and Location to Kelly for entry into our IEEE Rochester Section Events Calendar

C. Treasurer Report – Howard Bussey:

1. Cash Flows:
2. Account balance: \$21,192.64 as of 4-October.
3. 2023 Budget
4. JCM/Milestone Final Numbers:
 - Income:
 - Expenses:
 - Net:

D. Secretary Report – Eric Zeise:

1. Past meeting minutes
2. E-mail any meeting announcements to ekzeise@ieee.org

II. Old Business.

A. IEEE Milestone Committee:

Members of the Kodak Digital Camera Milestone Committee met to discuss other worthy Milestones from the Rochester area.

1. Bayer Filter for color digital imaging
2. Laser Tweezers

3. Digital/Computed Radiography
 4. Wireless remote-control camera
 5. Kodak / Xerox advancements in Document Copying and Digital Printing
 6. OLED
 7. University of Rochester Laser Laboratory achievements
 8. IEEE Milestone Committee:
- B. IEEE Member's Day at the Antique Wireless Museum
- All five Western New York Sections added as co-hosts
 - About 40 attendees from as far away as New Jersey

III. New Business.

- A. IEEE Board of Directors officially approved merge of Region 1 and Region 2.
(South of Corning, Pennsylvania and West including Cleveland Ohio, is Region 2)
- B. April 13-14: IEEE Region 1 and Region 2 Student Conference at University of Maine.
- C. October 2023 Student Conference at MIT
- D. Plans for Student Conference at Temple Univ (Philadelphia, Region 2) to help merge
- E. Global Humanitarian Technology Conference at Villanova University, October timeframe
- F. Week of February 26: IEEE Region 1 and Region 2 Student Hackathon in Rochester focussed on 3D Printing.
 - \$10K Grant from Apajet for use at the University of Rochester
 - Check with IEEE Humanitarian Activities Committee will sponsor \$5K, matched by Region 1 (IEEE HAC meeting this week (sponsoring local community projects focussed on low-resource areas) Director of HAC resides in Region 1 (Boston))
- G. Interesting new possibilities for Life Member events: A tour the Underground Railroad in the Rochester area or a tour of the Mt. Hope Cemetery (lots of Historic figures)

IV. Chapter, Society, and Group Reports / Discussion.

- A. Aerospace & Electronic Systems Society and Communications Society,
[0/2] AES10 / COMM19
- B. Computer Society and Computational Intelligence Society,
[0/2] C16 / CIS11
 - unaffiliated undergraduate Computer Society meeting held earlier this year at UofR
- opportunity to reach out to this student club
 - (Greg) IEEE held a recent data-science oriented virtual hackathon with \$100K prize attracted 15-16,000 attendees. Advertise National Events to students to provide a pull for student membership in IEEE (major success touted at Board meeting).
- C. Electron Devices, Circuits and Systems,
[2/2] ED15
- D. Engineering in Medicine and Biology Society,
[2/2] EMB18 - Christian Linte
- E. Geoscience and Remote Sensing Society,
[3/2] GRS29 - Emmett Ientlucci
- F. Life Members (Affinity group),
[1/2] Mark Schrader
 - Working to solicit a 2nd event for the year.
- G. Microwave Theory & Techniques Society and Antennas & Propagation Society,
[1/2] MTT17 / AP03
- H. Photonics Society,
[0/2] PHO36
- I. Power and Energy Society and Industry Applications Society,
[6/2] PE31 / IA34 - Jean Kendrick
- J. Signal Processing Society,
[2/2] SP01 - Eric Zeise
 - 70 people registered, well attended (2 keynotes, 6 invited speakers, 6 submitted oral papers, 14 student posters.
 - Excellent feedback on how subjects tied together.
 - Working on links to IEEE Rochester Section YouTube channel for WNYISPW talks.

- K. Technology and Engineering Management Society,
[1/2] TEM14 - Paul Lee
 - Working towards identifying and completing a 2nd meeting for the year.
- L. Young Professionals (Affinity group),
[2/2] Eric Brown
 - Bill's & Jets game tail-gate party scheduled for December 10th.

V. Student Chapter Reports.

- A. Rochester Institute of Technology
[14/4] Blake Donley
 1. Projects:
 - Autonomous Go Kart.
 - Graduate School Panel providing introduction and advice for Grad School.
(in association with Hispanic Professional Engineers & Women in Grad School)
(RIT focus on industry jobs (based on Co-op opportunities)).
 - Prepare members for RIT Career Fair in February 2023.
 - Planning an event prior to 2023 Career Fair.
 - Imagine RIT in April (Go-Kart?).
 - Coordinate with UofR student IEEE chapter.
- B. University of Rochester
[5/4] Ming-Lun Lee
 1. Reaching out to local IEEE professionals for talks (suggestions welcome).
 2. Surveys & Planning for Spring Semester.

VI. Committee Reports.

- A. Membership Development Report - Bill Fowlkes
- B. Awards Report - Jean Kendrick
- C. Electronic Communications Report - Chris Freyda & Howard Bussey
 1. Web sites for some society chapters will soon be unmaintainable.
 2. We plan to create web pages on r1.ieee.org/rochester.
 - This may be temporary because Chris and I need to maintain the pages.
 - We will experiment with the vTools "web in a box".
- D. Newsletter Report - Mark Schrader
 1. Newsletter is now on-line
 2. December RES Magazine
 - Please submit Newsletter content before December 10th.
- E. PACE Report - Alex Loui
- F. Region 1 Report - Greg Gdowski
 1. IEEE WIE Forum USA East held November 3-5 in Providence, R.I.
(Excellent meeting, 200 - 300 attendees, joint meeting of Region 1 & Region 2).
 2. Working to establish a IEEE WIE Chapter (need 6 members to start)
(possibilities: Carol Richardson, Jean Kendrick?, Denise Gianti?, RIT IS Director - Susan Houde-Walter, Deyasini Majumdar, Santosh Kurinec, others TBD)
(SWE (Society of Women Engineers) have student affiliates but the local chapter is not currently active).
 3. Reach out to Guarav Sharma, Majid Rabbanni, Ray Ptucha for talks,
current IEEE fellows in Region 1 and Region 2 for talks, etc.
 4. Interesting topics: Machine Learning, AI, alpha-folding of proteins, quantum computing, etc.
- G. Rochester Engineering Society Report (RES) - Greg Gdowski
 1. RES Scholarships are now open:
 - Two IEEE scholarships for \$1500 each available for College Juniors.
 2. RES Networking Event.
 3. RES Technical Talk.
 4. RES in-person Symposium, April 25th, 2023.

H. Rochester Council of Scientific Societies (RCSS) Report

VII. Open Discussion.

- A. Using the OWL 3 device from OWL labs for audio and video (shows three attendees in a video screen, detects who is speaking, and switches the center video pane to show the current speaker)
(Greg mentioned that he has told his students that the device detects drowsiness, then 'features' that person with blinking highlights).



VIII. Adjournment.

- A. Next ExCom meeting: Tuesday, January 3rd at 12:00 Noon (Tandoors of India)