



IEEE Rochester Section

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June 2019 Newsletter

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Message From the Chair

Dear colleagues,

May has been eventful. I am working with the Power Electronics Society of IEEE to finalize the IEEE milestone, on SCR/Thyristors, to be held in Clyde NY starting at 1:30 PM on June 14th. IEEE president Professor José M. F. Moura and the Power Electronics Society president Professor Frede Blaabjerg are conducting this event. This is the first milestone for the Power Electronics Society, and the second in the Rochester Section geographic area. The milestone will be at the Advanced Atomization Technologies, which occupies the building where the SCR was developed by GE.

The JCM that we held at RIT was a big hit with 65 registered attendees. Kudos to Cristian Linte for making sure it went without a hitch. Jon Kriegel's keynote-talk on the Chandra X-ray Observatory was spectacular. Ray Ptucha and Emmett Lentilucci have been running successful workshops.

We are also working on a place for the summer outing. There will be more information at the next EXCOM meeting.

We have several nominations for the slate of officers for next year's EXCOM. The nominating committee is working diligently on these nominations. The next EXCOM meeting in June will be at Tandoor Restaurant and not China Buffet.

Sreeram Dhurjaty

Student Scholarships

Maggie Cech, who will be working as a Software Tester at the SAS Institute this summer, is a junior in Electrical Engineering at Binghamton University. She is entering her 2nd year as Treasurer for the Society of Women Engineers at Binghamton and is a member of both Tau Beta Pi and Eta Kappa Nu honor societies. Maggie is also the captain for Binghamton's club field hockey team.



Sreeram Dhurjaty, Maggie Cech, Eric Brown, Mark Schrader



Rebekah Bagley is a junior at the Pensacola Christian College, majoring in Electrical and Mechanical Engineering and minoring in Mathematics. Her engineering internships include Gulf Coast Electric Motor Service and Coach and Equipment Manufacturing. Rebekah has honed her communication skill as a participant, judge, and mentor in regional, state, and national public speaking competitions.

Machine Intelligence and Deep Learning

Dr. Majid Rabbani and Dr. Raymond Ptucha will present a Machine Intelligence & Deep Learning 3-Day Workshop June 12-14 on the RIT campus. Scientists, engineers, and technical managers who want to understand and apply AI concepts to their work should attend the workshop. IEEE members get 10% registration discount, and PDH credits are offered. See <https://www.rit.edu/kgcoe/cqas/machinelearning> for more details.

Deep Learning for Natural Language Processing

The NVIDIA Deep Learning Institute is presenting “Fundamentals of Deep Learning for Natural Language Processing”, June 26th, 12:00 – 18:00 on the RIT campus, GLE-1100. For more information, contact Ray Ptucha, rwpeec@rit.edu.

Signal Processing Society Summer Meetings

The Rochester IEEE Signal Processing Society would like to hold weekly meetings this summer for local engineers in industry as well as students. The focus will be on Reinforcement Learning. We will go through much of UC Berkeley CS 294 by Dr. Sergey Levine, Fall 2018 edition. If you are interested in attending, contact Ray Ptucha, rwpeec@rit.edu.

June EXCOM Meeting

Our next EXCOM meeting is on Tuesday, June 4th 11:50 – 13:00. We will review plans for upcoming Rochester meetings within our section, chapters, and groups. If you are looking to become more engaged in IEEE in the Rochester Section, please plan on attending this meeting. The EXCOM meetings are also great opportunities for networking with fellow engineers over lunch. This meeting is open to all IEEE members, and all are welcome. See <http://sites.ieee.org/rochester/event/rochester-section-excom-meeting-new-location/>.

IEEE Rochester Section Events

For current information and registration links for our events, see <http://sites.ieee.org/rochester/>

Event	Vtools #	When	Where
EXCOM Meeting		June 4 th	Tandoor of India
Electrostatics Society of America Annual Meeting	N/A	June 10 th – 12 th	Rochester Riverside Hotel
Machine Intelligence and Deep Learning Workshop		June 12 th -14 th .	RIT Campus
SCR/Thyristor Milestone Ceremony		June 14 th 13:30 – 15:30	Advanced Atomization Technologies, 124 Columbia Street, Clyde, NY
Fundamentals of Deep Learning for Natural Language Processing		June 26 th 12:00 – 18:00	RIT Campus, GLE 1100
Western NY Image & Signal Processing Workshop		October 4 th	RIT Campus

The Electrostatics Society of America is not affiliated with IEEE, however the ESA's annual meeting may be of interest to IEEE members. For further information, see <http://www.electrostatics.org/annualmeeting.html>