



IEEE Rochester Section

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March 2020 Newsletter

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Message from the Chair

Dear Colleagues,

The IEEE Rochester Section Joint Chapter Meeting (JCM) will take place on April 7th at RIT's Louise Slaughter Hall from 4 pm - 9 pm. The Joint Chapters Meeting brings together all of the IEEE Societies for an evening of technical talks, networking, and a dinner keynote. Additional information on the 2020 JCM speakers and keynote is available on the vTools Event page (vTools # 220441).



Due to the timing of the Joint Chapters Meeting, the April IEEE Rochester Section ExCom meeting will take place 1 week early on March 31st (vTools # 221270).

I am happy to announce that Christine Freyda and Howard Bussey were recently appointed as Section Electronic Communication Coordinators. Chris and Howard have a large task ahead of them to grow the social media presence of the IEEE Rochester Section and overhaul the section website. I know they will both do a great job, and I thank them for volunteering.

E³ Fair

The E³ Fair will be held Monday, March 30th from 9 AM to 1 PM on the RIT campus. Created in 1991, the purpose of the fair is to increase middle school students' interest in engineering and technology. Activities includes student design contests, career booths, and demonstrations. Design contest options include building a model of a structure or device and presenting a description of it or results from experimentation with it, or building either a tractor or a robot using a specified part kit. Visit the website at <https://sites.google.com/view/e3fair/home> for more information about the event and volunteering opportunities.

Terra Rochester Finger Lakes Regional Science & Engineering Fair

The Terra Science Fair will be held at the Rochester Museum and Science Center on March 21st. Students may participate in either Research / Engineering Design or Topic projects. For more information visit <https://terrafairs.org/rochester/students-rochester/>.

EXCOM Meetings

We 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 an EXCOM meeting! These meetings also serve as a great platform for networking with fellow engineers over lunch.

The March EXCOM meeting is on 3/3, 11:50 at the China Buffet (vTools #220439).

The April EXCOM meeting will be held 3/31, **a week earlier than usual**, due to the schedule for the Joint Chapters Meeting.

2020 IEEE Rochester Section Joint Chapters Meeting

The IEEE Rochester Section is hosting its annual Joint Chapters Meeting on April 7th, 2020. The meeting will feature a keynote presentation and two parallel sessions with technical presentations from different chapters and societies. Don't miss this great opportunity to meet and network with people from all engineering disciplines and to learn more about the activities of the different IEEE chapters and societies in the Rochester area. Registration is required to attend the dinner and keynote presentation, but there is no charge for attending technical presentations for IEEE Members.

Tentative Event Schedule:

Time	Event
3:30 – 4:00	Registration and Refreshments
4:00 – 4:55	Technical Presentations – Session I
5:00 – 5:55	Technical Presentations – Session II
6:00 – 7:00	Networking Reception and Poster Session
7:00 – 8:30	Dinner and Keynote Presentation

Selected Speakers:

1. Katherine Duncan, PhD, 2020 IEEE-USA President & Visiting Research Fellow, West Point US Military Academy: **Synthesis of Graphene for Antenna Applications**
2. Linda Marshall, MBA, Networking Professional, Carestream: **Professional Networking**
3. Kai Ni, PhD, Assistant Professor, Microsystems Engineering, Rochester Institute of Technology: **Computing with Ferroelectric Devices**
4. Kelly Robinson, PE, PhD, Owner, Electrostatic Answers: **Preventing Static Ignitions in Production Operations**
5. Anthony Vodacek, PhD, Professor, Center for Imaging Science, Rochester Institute of Technology: **Multi-Modal Sensing in Ranomafana National Park, Madagascar: Acoustic Soundscape and Lidar Structure**
6. Long Wang, PhD, Assistant Professor, Mechanical Engineering, Stevens Institute of Technology: **Toward Intelligent Remotely Assisted Manipulation Tasks**

Event details and registration will be available at: <https://events.vtools.ieee.org/m/220441>. Register before March 31st, 2020 to save at least \$20 and confirm your all-American buffet dinner reservation. Registration for the dinner closes March 31, but online registration for the open sessions is available after that.

IEEE Rochester Section Events

<u>Event</u>	<u>Vtools #</u>	<u>When</u>	<u>Where</u>
EXCOM Meeting	220439	March 3 rd , 11:50 – 13:00	China Buffet
EXCOM Meeting	221270	March 31 st , 11:50 – 13:00	TBA
Joint Chapters Meeting	220441	April 7 th , 15:30 – 20:30	Louise Slaughter Hall, RIT
118 th RES Gala	217226	April 18 th , 17:00 – 22:00	Rochester Riverside Convention Center
Rochester Engineering Symposium		April 28 th , 2020	Rochester Riverside Convention Center
UAV STRATUS 2020 Conference		May 18-20, 2020	University of Buffalo stratus-conference.com