



IEEE Rochester Section

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June 2023 Newsletter

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Message from the Chair



Dear Colleagues,

I am excited to announce that the IEEE Rochester Section officially has a Women In Engineering (WIE) Affinity Group! Special thanks to Deyasini Majumdar for spearheading the petition and serving as interim IEEE Rochester WIE Chair.

IEEE WIE membership is open to IEEE members of any grade interested in promoting women engineers and scientists, and inspiring girls worldwide to follow their academic interests in STEM careers.

Please contact Deyasini Majumdar if you are interested in joining or co-organizing a networking event with IEEE WIE.

The next Rochester Section ExCom meetings will be on Tuesday, August 1 ([#360677](#)) and September 5th ([#360679](#)) from noon to 1 pm. Please pre-register on vTools for in-person or virtual attendance.

Stay healthy, and best regards,

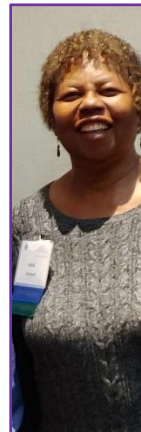
Report on the RES Symposium – Electrical Tract

The RES Symposium was held at the Rochester Riverside Convention Center on Tuesday, April 25. This was the first in person Symposium since the cancellation of the event due to COVID-19 in 2020. There were approximately 375 attendees who attended talks in five parallel tracts. The luncheon keynote speaker presented a detailed talk on the state of various elements of the New York State infrastructure, including roads, bridges, harbors, parks, railroads, and water distribution.

Several IEEE members and Generac representatives presented the talks in the Electrical Tract. This tract was presided over by Dave Krispinsky and Jean Kendrick, with assistance from Mark Schrader. Each of the talks was attended by between 60 and 100 people.

The presentations provided historical context, detailed technical information about the current state of the art, as well as a well-grounded prediction about future technology. The following talks were presented:

- *EV-Chargers, Present and Future* - by Sreeram Dhurjaty, PhD, SMIEEE, Distinguished Speaker, IEEE
- *Static Electricity Industrial Hazards and Mitigations* – by Kelly Robinson, PE, PhD
- *Applying AC Drives* – by Kevin Diehl
- *Paralleling Concepts* – by Michael Hainzl, *Reliability Concepts* – by Michael Hainzl
- *From Sand to Solar Farms: Silicon Photovoltaics enters Terawatt Era* – by Dr. Santosh Kurinec



Upcoming Reports, Events, and Opportunities

- **June 14 at RIT: GENIUS Olympiad** is an international high school competition about environmental issues. The competition covers the disciplines of Science, Arts, Short Film, Creating Writing, Business, and Music. Finalists from 65 countries and 31 states will represent 740 projects selected out of 1420 submissions. **Signup as a judge** at https://apply.geniusolympiad.org/judge_registration
- Look for a report the 6th Annual STATUS Conference, which was held at RIT on May 22-24, in the upcoming August IEEE Newsletter. Also look for a report on Moses Power Plant tour (May27) there also.
- The IEEE Joint Chapters Meeting is tentatively scheduled for September. A notice with a registration link will be emailed to the Rochester section when plans are finalized. If you are interested in presenting or arranging a talk, please contact Kelly Robinson at Kelly.Robinson@ElectrostaticAnswers.com .