



IEEE Rochester Section

Serving Rochester Engineers
for over 100 years

May 2023 Newsletter

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Message from the Chair



Dear Colleagues,

The 6th Annual STRATUS Conference is almost here! The conference will be held May 22-24 at the Chester F. Carlson Center for Imaging Science at RIT. Visit Stratus-Conference.com for details and registration.

IEEE Regions 1 and 2 will host their first joint Board of Governors (BoG) meeting on June 3-4 in Valley Forge, PA. This is part of IEEE's multi-year region realignment process to merge the two regions into the largest IEEE USA region. The joint BoG meeting will also include an induction for new professional members of the [IEEE Eta Kappa Nu \(HKN\) Honor Society](#).

This fall will be a busy time for IEEE Rochester Section Chapters. Between September and the end of 2023, the Rochester Section will host a Joint Chapters Meeting, the *Western NY Image and Signal Processing Workshop (WNYISPW)*, an Electron Devices and Photonics Workshop, and a Communications Society Workshop. Stay tuned for more details as they become available.

The next Rochester Section ExCom meeting will be on Tuesday, June 6, from noon to 1 pm. Please pre-register on vTools using this link: [vTools #351996](#).

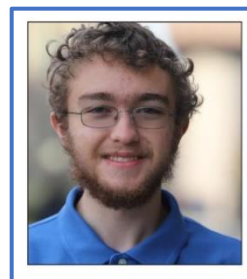
Stay healthy, and best regards,

IEEE 2023 RES IEEE Scholarship Winners

Congratulations to Anthony Mazzacane, who is studying Computer Science at Syracuse University and Jesse Burdick-Pless who is studying Computer Science at Rochester Institute of Technology, for each being awarded a \$1,500 IEEE Rochester Section Scholarship.



Jesse Burdick-Pless



Anthony Mazzacane

Geoscience And Remote Sensing Society (GRSS) - STRATUS Conference

If you are interested in UAVs or Drones, be sure to check out the 6th STRATUS Conference which will be held in person on May 22-24, 2023, at the Chester F. Carlson Center for Imaging Science, RIT. Visit Stratus-Conference.com for conference details and see the information show below.

6th STRATUS Conference at RIT



Systems and Technologies for Remote Sensing
Applications Through Unmanned Aerial Systems

May 22 - 24, 2023

Rochester Institute of Technology
SAVE THE DATE
(abstract + talk)



Submit your abstract by March 15 at:
Stratus-Conference.com

Topics Include

- 3D and Multi-view Imaging
- Remote Sensing & GIS
- Analysis Techniques
- UAV Software and Hardware
- Applications and Algorithms
- Environmental Monitoring & Modeling
- Imaging Systems, Sensors & Platforms
- Other Related Technologies
- Keynote Speakers and Tutorials
- Research Talks and Posters



RIT

College of Science
Chester F.
Carlson Center
for Imaging
Science



ESF
State University of New York College of
Environmental Science and Forestry

UB
University
at Buffalo



If you have *any* questions about the conference, please contact: Emmett lentilucci:
Emmett@cis.rit.edu

RES Symposium – IEEE Talks

The RES Symposium will be held in person at the Rochester Riverside Convention Center on Tuesday, April 25. Our Rochester IEEE members will be presenting the following talks in one of the 5 parallel tracs:

- *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* - Michael Hainzl
- *From Sand to Solar Farms: Silicon Photovoltaics enters Terawatt Era* – by Dr. Santosh Kurinec

Please go to <http://www.engineeringsymposiumrochester.com/> for further details and to register.

Promoting STEM Education: TRFSEF

The Terra Regional Finger Lakes Science and Engineering Fair (TRFSEF) was held at the Rochester Museum and Science Center on March 18. Over 45 students exhibited and discussed their research projects and topic presentations with 26 judges over the course of several hours. Subsequently, there was a time period for public viewing of the project displays, which was followed by a reception with cake, and an awards ceremony in the Eisenhardt Auditorium. Several student's projects judged to be the best were given Honors, High Honors, and Grand Awards. In addition, various projects were awarded Special Awards provided by government agencies, companies, and universities for specific areas research, for creativity, for innovation, or potential impact on society and the environment. The top projects were promoted to compete in statewide, national, and international science fairs. Below are several photos from the fair.





TRFSEF



Promoting STEM Education: E3 Fair

The 2023 E3 Fair was held at the RIT Clark Gym on Friday, March 31, 2023, from 9am-1pm. There were about 150 students present, coming from many school districts in Monroe and adjacent counties. Three representatives from RGE brought three hands-on-demos for students to experience what electric linemen do. Jean Kendrick, representing the IEEE Rochester Section, assisted with providing student friendly information about electric energy transmission/distribution systems.

The E3 Fair is an annual event organized by engineering societies and industries of the Rochester area. The half-day event comprises student design contests on engineering projects and demonstrations presented by engineering professionals. The goal of the Fair is to increase interest in engineering and technology in middle school students (grades 6-8).

