



# IEEE Rochester Section

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April 2024 Newsletter

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## Message from the Chair



Dear Colleagues,

Our IEEE Rochester Section Executive Committee (ExCom) meets monthly to plan events and hear the latest news from around the region. Our next ExCom meeting will be on Tuesday, May 7 from noon to 1:30 pm.

An invitation to register at <https://events.vtools.ieee.org/m/411008> will be distributed via e-mail. Please feel free to register for our in-person lunch meeting or for virtual attendance. By attending our ExCom meeting you will have an opportunity to provide valuable input on ways to serve our local IEEE members and the broader Western New York technical community. Please feel free to register using the above link for our in-person lunch meeting or for virtual attendance.

The 2024 IEEE Systems and Technologies for Remote Sensing Applications Through Unmanned Aerial Systems (STRAUS) conference will be held May 20-22, 2024, at SUNY College of Environmental Science and Forestry, Syracuse, NY. Registration is at <https://events.vtools.ieee.org/m/403032>. For more information, please visit [www.stratus-conference.com](http://www.stratus-conference.com).

Our IEEE Rochester Section is organizing 3 presentations for Thursday June 6, 2024, as part of the Rochester Engineering Society continuing education program. Please watch for the May RES Magazine for more details.

I look forward to working with you!

Regards,

Kelly Robinson, PE, PhD  
Chair, IEEE Rochester Section

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**IEEE GRSS STRATUS UAV Conference May 20-22, 2024**

Dr. Emmett J. Ientilucci, Region 1 Area Chair and Vice-Chair of the Rochester section, is a principal organizer of the Geoscience Remote Sensing Society 2024 STRATUS UAV Conference.

STRATUS is an in-person conference that brings together academics, industry representatives, and domain specialists to share perspectives on this rapidly evolving field of a wide range of topics. Since its inception in 2016, STRATUS went from a one-day to a two-day to what is currently a three-day conference. Based on the feedback from previous attendees, the conference has been expanded to reach people beyond the original scope of a Western New York audience.

What sets the non-profit STRATUS 2024 Conference apart from other specialized or larger UAS meetings are the important interdisciplinary topics ranging from the latest challenges in UAV platform design and technology to sensor design, information gathering and processing, and modeling to produce data that support decision-making. Applications are focused on Upstate NY, Finger Lakes, and Lake Ontario Regions and include the following:

- Environmental Mapping, Monitoring and Modelling
- Remote Sensing
- 3D and Multi-view Imaging
- Platforms, Calibration, Sensor, and Imaging Systems
- Multi-sensor Data Fusion
- Technologies and Applications
- Algorithm and Image Processing
- Photogrammetry
- Policy, Public Perception and Privacy Issues
- K-12 Education

The 2024 IEEE GRSS STRATUS UAV Conference is now accepting abstracts for talks. You are invited to review the call for abstracts at: <https://stratus-conference.com/call-for-abstracts>.

In the future look for registration at: <https://events.vtools.ieee.org/m/403032>.

**Imaging Spectrometry XXVII: Application, Sensors, & Processing**

Dr. Emmett J. Ientilucci is co-Chair of this aligned SPIE conference (OP423). Members interested in the STRAUS conference may also want to attend or present at this conference. Please visit the following for more information about the topics covered by this conference and to see the Call for Abstracts:

<https://spie.org/opo/conferencedetails/imaging-spectrometry-spectrometry>