



IEEE Rochester Section

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May 2024 Newsletter

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Message from the Chair



Dear Colleagues,

Our IEEE Rochester Section Executive Committee (ExCom) meets monthly on the first Tuesday of the month to plan events. Our next ExCom meeting will be on Tuesday, June 4th from noon to 1:30 pm. I invite you to attend our ExCom meeting and help us find new ways to better serve our local IEEE members as well as the broader Western New York technical community.

Please register for our next ExCom meeting, in-person lunch meeting or virtual attendance, using this link:

<https://events.vtools.ieee.org/m/416556>

The "Amazing History of Microelectronics" (100 years of history in 50 minutes!), by Prof. Santosh Kurinec, IEEE Fellow, Electrical & Microelectronic Engineering, Rochester Institute of Technology, was presented for the Antique Wireless Museum, Bloomfield NY. The video of this event is now available at:

<https://www.youtube.com/watch?v=W41eHyrQA8A>.

Don't forget to read about our **May 8** Joint Chapters Technical & Dinner Meeting, **May 20-22** STRATUS Conference, and the **June 9** Electrostatics Society of America Virtual Tutorial Program in this Newsletter.

I look forward to working with you!

Regards,

Kelly Robinson, PE, PhD
Chair, IEEE Rochester Section

SPS <u>Eric Zeise</u>
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IEEE Rochester Section Joint Chapters Meeting May 8

The Joint Chapters Meeting is open to the public and will feature a keynote presentation and two consecutive sessions, each with two parallel technical presentations from our Rochester area IEEE Chapters and Societies. The location of the event is Rochester Institute of Technology, Louise Slaughter Hall, 78 Lomb Memorial Drive, Rochester, NY 14623.

AGENDA IEEE Rochester Section Joint Chapters Meeting

3:00 – 7:00 pm Registration

4:00 – 4:30 pm Refreshments

4:30 – 5:20 pm Technical Presentations - Session 1 (Talks A & B in Parallel)

A: Robustness and Reliability of Machine Learning and Its Importance in Imaging

By Dr. Dihma Dera

B: Stopping Static Industrial Ignitions

By Dr. Kelly Robinson

5:25 – 6:15 pm Technical Presentations - Session 2 (Talks C & D in Parallel)

C: Radar Signal Processing Education, Research, and Capabilities at Rochester Institute of Technology

By Dr. James Albano

D: Agrivoltaics: Combining Photovoltaics with Agriculture

By Dr. Santosh Kurinec

6:15 – 7:00 pm IEEE Rochester Section Reception (Crudités, cash bar)

7:00 – 9:00 pm Buffet Dinner and Keynote Presentation

Dinner: “ALL AMERICAN BUFFET” with Roasted Salmon, Chick French, Grilled Vegetable Napoleon (vegan), and much more.

Keynote: Space Imaging Heritage in Rochester, NY.

By Dr. Robert Fiete, Chief Technologist and Senior Fellow at L3Harris with over 40 years of experience in imaging science in industry, academia, government, law enforcement, and the entertainment industry.

Registration with pricing and more info is at:

<https://events.vtools.ieee.org/m/416726>

GRSS STRATUS UAV Conference May 20-22, 2024

What sets the STRATUS 3-day, in-person, non-profit 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 presented by academics, industry specialists, and domain experts.

The STRATUS 2024 Conference **Home page** is at: <https://stratus-conference.com/>

The Conference **Registration** is at:

<https://web.cvent.com/event/2eb13d27-d12d-49d5-82d6-2deb9e8de7b3/summary>

The **Conference Agenda** is now on-line at: <https://stratus-conference.com/event-schedule>

Electrostatics Society of America Tutorial Program, Sunday, June 9, 2024

The IEEE Rochester Section is hosting remote participation in the Electrostatics Society of America Tutorial Program. **Registration** is at: <https://events.vtools.ieee.org/m/416694>

June 9 Time (EST)	ID	Topic	Presenter
9:00-10:30 am	A	Electrostatic Fundamentals https://events.vtools.ieee.org/m/416691	Prof. T Matsuyama Soka Univ. Tokyo, Japan
11:00-12:30	B	Electrostatic Instrumentation and Measurements https://events.vtools.ieee.org/m/416689	Prof. M Noras Univ. of N Carolina at Charlotte, US
1:30-3:00 pm	C	Electrostatic Processes, Hazards, and Mitigation https://events.vtools.ieee.org/m/416687	Dr. K Robinson Electrostatic Answers Rochester NY
3:15-4:45 pm	D	Electrical Breakdown, Gas Discharges, and Plasmas https://events.vtools.ieee.org/m/416682	Prof. S Jayaram Univ. of Waterloo ON, Canada

IEEE Rochester Section \$1,500 Scholarship Winner For 2024



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