



# IEEE Rochester Section

Serving Rochester Engineers  
for over 100 years  
April 2022 Newsletter

## Section Officers

### Chair

Eric Brown

### Vice Chair

Kelly Robinson

### Treasurer

Howard Bussey

### Secretary

(Vacant)

## Chapters & Groups

### AES & COMSOC

Cristiano Tapparello

### CS & CIS

Bo Yuan

### EDS & CSS

Sean Rommel

### EMBS

Cristian Linte

### GRSS

Emmett Lentilucci

### LIFE

Mark Schrader

### APS & MTTs

Danielle Walters

### Photonics

Bruce Smith

Parsian K. Mohseni

### PES & IAS

Jean Kendrick

Kelly Robinson

### SPS

Alex Byrley

Eric Zeise

### TEMS

Paul Lee

### Young Professionals

Eric Brown

## Student Groups

### Univ. of Rochester

Ming-Lun Lee

### RIT

Jamison Heard

## Committees

### Awards

Jean Kendrick

### Communications

Christine Frayda

Howard Bussey

### Newsletter

Mark Schrader

### PACE

Bruce Rubin

## Liaisons

### RES

Greg Gdowski

### RCSS

William Brewer

## Message from the Chair



Dear Colleagues,

Congratulations to the newly elected Rochester Section Executive Committee Officers: Eric Brown (Chair), Kelly Robinson (Vice Chair), Howard Bussey (Treasurer), and Mark Schrader (Secretary).

The big event for the Section is almost here. On April 26 the Rochester Section will host an IEEE Milestone Ceremony and Joint Chapters Meeting (JCM) at the Kodak Center (see page 2).

Our next ExCom meeting will be on May 3 from noon - 1 pm. Please register in advance at <https://events.vtools.ieee.org/m/307431>. In-person attendance details will be updated on vTools.

Stay healthy and best regards,

## TRFSEF Report

### Terra Rochester Finger Lakes Regional Science and Engineering Fair

The Terra Rochester Finger Lakes Science & Engineering Fair was held virtually on March 19.

- There were 63 students from grades 6-12 who were from the Rochester region and Western New York.
- The fair was very diverse with respect to gender, race, and ethnicity.
- We thank the 48 volunteer judges who read over the student's materials, watched students' presentations, asked questions, and then scored each student using a standard rubric.
- We thank the 63 students who participated and showed the results of their research, application of scientific principles, engineering/fabrication skills, and data analysis in their excellent presentations.

The combined awards ceremony for TRFSEF, the Potsdam fair, two international fairs, and the New York City fair will be held on April 20.

Further questions? Contact Harold Clark, Ph.D., Fair Director, at [trfsef@terraed.org](mailto:trfsef@terraed.org).

## IEEE Digital Camera Milestone & Joint Chapters Meeting (JCM)

The dedication of the plaque for the IEEE Milestone, First Hand-Held Solid-State Still Camera, will be held in conjunction with the Joint Chapters Meeting (JCM) on April 26. The Joint Chapters Meeting will present a keynote, six technical talks, and a dinner. The events will be held at the Kodak Center on Ridge Road. The schedule and registration URLs are shown below.

Time	Room	Event
3:00 PM – 4:00 PM	Kodak Center Lobby	Digital Camera IEEE Milestone Ceremony
4:00 PM – 4:30 PM	Dining Room	Light Refreshments
4:30 PM – 5:15 PM	Conference Rooms	IEEE Rochester Section JCM – Session 1 Three parallel presentations highlighting work in the Rochester area
5:15 PM – 6:00 PM	Conference Rooms	IEEE Rochester Section JCM – Session 2 Three parallel presentations highlighting work in the Rochester area
6:00 PM – 6:45 PM	Lobby	IEEE Rochester Section Reception (crudité, cash bar)
6:45 PM – 8:00 PM	Dining Room	Buffet Style Dinner
7:15 PM – 8:00 PM	Dining Room	Keynote Presentation

Keynote Presentation: Dr. Terry Taber, Senior Vice President and Chief Technical Officer Kodak

The talks for the JCM:

- Human Brain – Computer Machine Interface - Prof. Zhi (Jenny) Zheng, RIT, Assistant Professor, Biomedical Engineering
- LED Printhead Technology - Chung Hui Kuo PhD, Research Scientist/Engineer, Eastman Kodak Company
- Kodak Digital Camera Technology - Ken Parulski, Chief Scientist, aKAP Innovation
- Celebrating RIT Contributions to Landsat – Aaron Gerace, PhD, RIT Remote Sensing Lab
- Industrial Static Charge Control Demonstrations – Kelly Robinson PhD, Electrostatic Answers
- History and Applications of Digital Radiography, Kodak's Contributions - Ram Dhurjaty, IEEE Distinguished Speaker

Registration for the Milestone event: <https://events.vtools.ieee.org/m/308439>

Registration for the Joint Chapters Meeting & dinner: <https://events.vtools.ieee.org/m/308572>

## Rochester Institute of Technology Microelectronic Engineering 40th Anniversary Conference

Also celebrating the retirement of Dr. Lynn Fuller after 51 years of teaching Microelectronics at RIT.

Date and Location: April 8th, 2022, at the RIT Inn and Conference Center.

Technical Program – 8:30 am to 4:30 pm with lunch

Dinner Program – 5:30 pm to 8:30 pm

Dinner Keynote speaker: Gary Patton, Corporate Vice President, General Manager of Design Enablement, and General Manager of Component Research at Intel

The conference and dinner agendas along with the registration link can be found here

<https://www.rit.edu/engineering/rit-microe-40th-anniversary>

## STRATUS Conference, May 23-25, Syracuse, NY

There will be more than 45 talks on UAVs and Remote Sensing. Conference sponsorship is available. See the website: [Stratus-Conference.com](http://Stratus-Conference.com) for more information and for registration.