



IEEE Rochester Section

Serving Rochester Engineers
for over 100 years
February 2022 Newsletter

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Message from the Chair



Dear Colleagues,

On April 26 the Rochester Section will host an IEEE Digitals Camera Milestone Ceremony and Joint Chapters Meeting (JCM) at the Kodak Center. The event will start with the public dedication and unveiling of an IEEE Milestone plaque commemorating the First Hand-Held Solid-State Still Camera created by Kodak Engineers (vTools# 299562). Please share this exciting information with past Kodak colleagues so we can recognize the many Kodak Engineers that had a hand in the early development of the digital camera. JCM technical presentations will begin after the dedication. The evening will conclude with dinner and a keynote presentation. Additional details will be posted to the vTools event page.

Our next ExCom meetings will be on March 1 from noon - 1 pm (vTools# 299561). All may attend virtually via WebEx. In-person attendance details will be updated on the vTools event page pending COVID caseloads.

Stay healthy and best regards,

IEEE Rochester Section Executive Committee Officer Ballot

The slate of the candidates for our 2022-2026 Executive Committed Officers are as follows. Please vote if you have not done so already.

- ❖ Chair – Eric Brown
- ❖ Vice Chair – Kelly Robinson
- ❖ Secretary (Interim) – Kelly Robinson
- ❖ Treasurer – Howard Bussey

Developing future section leaders from our young and mid-career professionals is a high priority for the Rochester Section. Members have many leadership opportunities in the section within the technical societies and affinity group. Please get in touch with Mark Schrader at m.schrader@ieee.org if you are interested in volunteer opportunities.

Power Engineering and Industrial Applications PES/IAS Chapter

The Rochester Section PES/IAS Chapter proudly announces the following talk:

Topic: Smart Grid, Smart Grid Lab, Microgrid Testbed

When: **Monday February 28, 2022, 7:00PM – 8:00 PM**



Speaker: Prof. Ilya Y. Grinberg, Ph.D.
Director of Power Center for Utility Exploration
SUNY Buffalo State

Speaker Bio: Ilya Grinberg graduated from National University L'viv Polytechnic with MSEE in 1979 and from Moscow State University of Civil Engineering with Ph.D. in Electrical Engineering in 1993. He authored and co-authored three books and over 50 peer-reviewed journal papers and conference proceedings.

Registration: <https://events.vtools.ieee.org/m/299772>

TRFSEF Rochester Finger Lakes Regional Science and Engineering Fair

This virtual science and engineering fair is an ideal way for Middle and High School students to gain practical experience and skills in learning, problem solving, analysis, and communication. They will achieve this by designing and executing a project requiring practical application of scientific or engineering principles and methods. Students who complete and enter a project in TRFSEF, will then present their work to judges who will discuss and evaluate their work. Students with exceptional projects will be recognized through awards and opportunities to present their projects in national or international competitions. Participation in the fair is valuable in building essential real-world skills that will serve the students throughout their careers. The IEEE Rochester Section supports the Fair through our volunteer work in publicity, fund raising, judging, and administration. For interested students or those interested in contributing as mentors or judges, please go to <https://terrafacts.org/trfsef.html> to learn more and register. Experience has shown that the virtual TRFSEF is very valuable to both students and volunteers.

IEEE Digital Camera Milestone – Joint Chapters Meeting

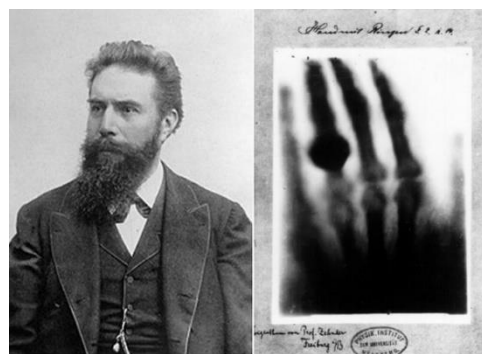
The dedication of the plaque for the IEEE Milestone, *First Hand-Held Solid-State Still Camera*, will be held in conjunction with the Joint Chapters Meeting (JCM), tentatively on April 26. The Joint Chapters Meeting will present several technical talks followed by a dinner. The event will be held at the Kodak Center on Ridge Road. The March Newsletter will have more details about the dedication ceremony and the JCM.



In addition to the first hand-held solid-state still camera, Rochester has been home to other significant innovations that may warrant submitting as a new IEEE Milestone application. Please communicate your ideas for future milestones to me (Mark Schrader) at m.schrader@ieee.org for consideration by the committee.

LM/EMBS Presentation
Evolution of Electronics and Informatics In Medical Imaging: A Journey from 1900 to Today

Ram Dhurjaty, Ph.D. presented this talk on December 14, 2021. Ram discussed the history and technology of the medical X-Ray imaging revolutions and charted the evolution of electronics and informatics since Wilhelm Roentgen discovered X-Rays in 1895. His talk also discussed some of the hurdles that had to be conquered in order for these technologies to be accepted by the medical community. Topics included Film-based and Digital X-Ray acquisition, remote processing, evolution of 2D and 3D image displays, as well as, evolution of interoperability, and digital image archives.



EX-COM Meetings & Events

At our EX-COM meetings, we review plans for upcoming Rochester meetings within our Section, Chapters, and groups. If you are looking to become more engaged in IEEE in the Rochester Section, please plan on attending EXCOM hybrid meetings! which serve as an excellent platform for networking with fellow engineers online or face-to-face during lunch.

The table below summarizes the upcoming events for the IEEE Rochester Section. To find additional details and register for any event listed below, please go to the hyperlink in the "Event" column or visit <https://events.vtools.ieee.org/m/vtools#> (where vtools# is the number shown in the "vTools #" column below)

Event	vTools #	When	Where
EXCOM Meeting	<u>299561</u>	Tuesday, March 1, 2022, 12:00 – 13:15	Please see the vTools registration site for the WebEx login, and notices related to possible in-person attendance.
Smart Grid, Smart Grid Lab, Microgrid Testbed	<u>299772</u>	Monday February 28, 2022, 7:00PM – 8:00 PM	Virtual Presentation. See vTools registration site for link information.
Digital Camera Milestone Dedication (In conjunction with the Joint Chapters Meeting)	<u>299562</u>	Currently scheduled for April 26 (Registration not yet open – please watch for updates.)	Kodak Center on Ridge Road