



IEEE Rochester Section

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January 2022 Newsletter

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Message from the Chair

Dear Colleagues,



The Rochester Section Officer Elections for the 2022-2023 term are underway. In addition to the elected section officer positions, there are several appointed ExCom positions and leadership roles available for the section technical societies and affinity groups. We are searching for new volunteers for these roles to expand our volunteer base and build future leaders within the section. Please get in touch with me or Mark Schrader at m.schrader@ieee.org if you are interested in volunteer opportunities.

The Rochester Section is proud to announce that Rochester will soon have a new IEEE Milestone. Thanks to the work of William Fowlkes, Mark Schrader, and Sreeram Dhurjaty, IEEE will soon recognize the work of Steve Sasson and other Kodak Engineers creating the First Hand-Held Solid-State Still Camera. Plans for a public dedication and unveiling of the plaque are in the works and will take place in the Spring of 2022, on April 26 at the Kodak Center as part of our Joint Chapters Meeting (JCM). Details on the meeting and dedication ceremony will be forthcoming.

Our next Hybrid ExCom meetings will be on December 7th and January 4th from noon - 1 pm (vTools# 255235 and 289456). Attendees may join in person at Tandoor of India, and all may attend virtually via WebEx. Family-style lunch at Tandoor is \$10 for IEEE members and \$15 for non-members.

Stay healthy and best regards,

Future IEEE Milestones – Submit Your Suggestions

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.



On Display @ Kodak Center

Power Engineering and Industrial Applications PES/IAS Chapter

Prof. Ilya Y. Grinberg, Ph.D., Director of Power Center for Utility Exploration, at SUNY Buffalo State, will present a talk: *Smart Grid, Smart Grid Lab, Microgrid Testbed*. His talk will be presented on Monday, February 28, 2022, 7:00PM – 8:00 pm EST



Terra Rochester Finger Lakes Regional Science and Engineering Fair (TRFSEF)

Several members of the IEEE Rochester Section are serving on the TRFSEF Organizing Committee, and attended the Maker Fair to help promote science, engineering, and the Science Fair using games and building activities. Middle and High School students should consider registering to do a research project for the Fair. Doing a Science Fair project and participating in the Fair helps build skills necessary for learning, problem solving, and communication. Check out the website at <https://terrafairs.org/trfsef.html> to learn more and register.

Radio People and Radio Devices The 200 Year Path of Human Endeavor and Radio Technology

Report from Mark Schrader, LM Chair: The Antique Wireless Museum tour on December 4 was well appreciated by all attendees. Of the exhibits, Voice of America station was one of the newer and larger additions. The tour guide and museum experts provided an in-depth insight on everything from the wired telegraph to radio to TV – with demonstrations of spark transmitters, and the best Zenith vacuum tube radio ever made. Radio technology covered earliest radios, Ham radio, teletype, military, and broadcast receivers of all technologies. There was even a reproduction of the Titanic's radio room, which is considered the most accurate model in existence.



Titanic Radio Room



Camera WHAM
Ch 5 1949



Zenith 10-S-669

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
<u>EXCOM Meeting</u>	<u>289456</u>	Tuesday, January 4, 2022, 11:50 – 13:00	Hybrid, via WebEx and in-person. Please see the vTools notice for the venue and WebEx login.