



# IEEE Rochester Section

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October 2022 Newsletter

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## Message from the Chair

Dear Colleagues,

I hope everyone had a good time last month at our IEEE Family Night at the ballpark. It was an enjoyable way to cap the summer and kick off the fall.

For upcoming events, check out our special George Eastman Museum tour and the Signal Processing Workshop discussed below. In addition, the IEEE Women In Engineering (WIE) Forum East will take place November 3-5 in Providence, RI.

The next ExCom meeting will be on Tuesday, November 1, from noon to 1 pm. Please register at <https://events.vtools.ieee.org/m/321549>.

Stay healthy and best regards,



## George Eastman Museum – Technology Curator Private Tour

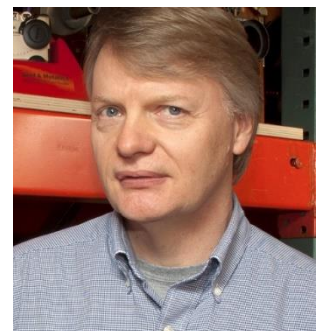
Todd Gustavson, Curator of the George Eastman Museum's Technology Collection will host and conduct a tour of the vault containing rare and innovative camera technology (including digital). We will see items rarely seen by the public on this private tour.

**Date:** Tuesday October 11 **Time:** 2:00 pm  
**Cost:** \$7 (partly subsidized museum admission)

**Location:** George Eastman Museum, 900 East Ave., Rochester, NY 14607

Todd Gustavson is an expert on the history and the technology of Kodak's early digital cameras and many other items in the museum's unique collection.

**Registration:** <https://events.vtools.ieee.org/m/321586>



## 2022 Western New York Image and Signal Processing Workshop (WNYISPW) Final Call For Content & Keynote Speaker Details

The 2022 Western New York Image and Signal Processing Workshop is a venue for promoting image and signal processing research and for facilitating interaction between academic researchers, industry professionals, and students. The workshop comprises both oral and poster presentations.

Brought to you by Orolia, with additional support from L3 Harris, SRC and Vanteon.

**November 4th, 2022, at the RIT Student Development Center (8:00 AM - 5:30 PM)**

**Call for Papers:** For paper/poster submissions, contact: [2022WNYISPW@gmail.com](mailto:2022WNYISPW@gmail.com)  
Submissions close on 14-October-2022.

**Registration Link:** <https://ewh.ieee.org/r1/rochester/sp/WNYISPW2022.html>  
Early Registration Deadline is 28-October-2022.

Topics include, but are not limited to:

Applications of Machine Learning and AI	Video Processing and Analysis
Image Compression and Segmentation	Radar including SAR
Object Recognition and Detection	Wireless Communications
Computer Vision & Medical Imaging	Remote Sensing & Electronic Intelligence
Image and Color Science	Speech & Audio Enhancement & Recognition
Human-Computer Interaction	Waveform Detection & Parameter Estimation

### Keynote presentations:

Dr. Diane Dalecki,  
Chair, Biomedical Engineering, University of Rochester  
The Kevin J. Parker Distinguished Professor in Biomedical Engineering  
Professor of Electrical and Computer Engineering  
Director, Rochester Center for Biomedical Ultrasound



Preliminary Topic:  
Ultrasound: Biological Effects and Technology for Tissue Engineering.

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Dr. James R. Fienup,  
Robert E. Hopkins Professor of Optics  
Distinguished Scientist in the Laboratory for Laser Energetics,  
Professor of Electrical and Computer Engineering  
Professor in the Center for Visual Science



Topic:  
Sensing and Correcting Aberrations of Hubble Space Telescope and James Webb Space Telescopes by Solving an Inverse Problem.