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November 2022 Newsletter

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Message from the Chair

Dear Colleagues,

The Rochester Section is happy to announce that Dr. [Santosh Kurinec](#), an IEEE Fellow and RIT Professor of Electrical and Microelectronic Engineering, received the 2022 IEEE Region 1 William Terry Distinguished Service Award. This is one of the highest awards given by IEEE Region 1 and recognizes Dr. Kurinec's years of service to IEEE, outstanding research, and teaching of semiconductor technology, and promoting semiconductor workforce generation. Congratulations, Dr. Kurinec, on this well-deserved honor!



The annual MIT Undergraduate Research Technology Conference (URTC) was held as a hybrid conference from September 30-October 2. Dr. Sreeram (Ram) Dhurjaty, an IEEE Distinguished Speaker and Rochester Section Senior Member, provided the keynote address titled "Inventions and innovations that matter to Humanity" to the crowd of over 300 students at the conference!



The next Rochester Section ExCom meeting will be on Tuesday, December 6, from noon to 1 pm (vTools #321550). Please pre-register on vTools. Stay healthy, and best regards,

George Eastman Museum – Technology Curator Private Tour

Todd Gustavson, Curator of the George Eastman Museum's Technology Collection was an expert guide of the vault containing 18,000 photographic technology artifacts, each with its own historical significance - creating a context for what came next. Whether photos or movies, on land, water, air, or outer space, Todd is caretaker of technological beginnings, milestones, and missteps. He is the expert purveyor of each item's story because he knows that the development of technology is always social.



Let's us know if you would like to see this event repeated; because needless to say, there are more artifacts to see and more stories to be told. -Mark (m.schrader@ieee.org)

Joint IEEE Rochester Section and Santa Clara Valley Section: Technical Engineering Management Society (TEMS Meeting)

Willy Shih, Professor of Management Practice at the School, candidly shared his insider's perspective on digital photography, based on his experience as at Eastman Kodak Company from 1997 to 2005, president of Digital & Applied Imaging and head of Intellectual Property Strategy.



Harvard Business
Kodak's journey in
senior vice president
where he was
Corporate

There were 48 participants in the virtual meeting. The attendees reviewed excerpts of a video interview: "The Kodak Moment: Why it Didn't Last" featuring Willy Shih and Allen Webb (recorded at the Road to Reinvention: Leadership in the Digital Age conference on March 23, 2017). Professor Shih then responded to both pre-submitted as well as by live questions from the attendees. This was a popular topic to both the Silicon Valley and Rochester audiences.

2022 Western New York Image and Signal Processing Workshop (WNYISPW)

REMINDER - 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. Topics include Machine Learning, Image Compression and Segmentation, Radar, Medical Imaging, Remote Sensing, Color Science, Speech & Audio Enhancement and Recognition, Waveform Detection, & Parameter Estimation.

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

Registration Link: <https://ewh.ieee.org/r1/rochester/sp/WNYISPW2022.html>

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.

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.

