



# IEEE Rochester Section

Serving Rochester Engineers  
for over 100 years  
January 2021 Newsletter

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## Message from the Chair

Dear Colleagues,

The IEEE Rochester Section is hopeful for a prosperous new year. Although 2020 brought unprecedented challenges, a number of technological solutions emerged to enable broader event participation. The Rochester Section will continue to plan virtual events throughout 2021 and will begin hybrid-style events when it is safe to resume in-person meetings. Planning is already underway for two of the major IEEE Rochester Section events that were canceled in 2020 due to the COVID-19 pandemic: the GRSS-organized STRATUS Conference and the SPS-organized Western NY Image and Signal Processing Workshop (WNYISPW).



Our section and I thank Harish Gupta for his service as Treasurer. Howard Bussey has been elected to the remainder of the term.

Stay healthy, and best regards,

## Recent Events

Gene Tsudik discussed "[Thermanator and AcuTherm: Thermal Residue Attacks on Keyboard Password Entry and Hybrid Attacks Combining Acoustic and Thermal Side-Channels](#)" on November 6.

Dr. Alex Byrley gave a talk on "[Logarithmic Frequency Waveforms](#)" on November 17.

Howard Bussey discussed "[The Mother of All Demos: Rediscovering the Birth of Modern Interactive Computing](#)" on December 10.

## Introducing Treasurer Howard Bussey

Howard tutors dyslexic students, develops software for Paradigm of New York, LLC, and has worked for the National Oceanographic and Atmospheric Administration, Bell Laboratories, Bell Communications Research, Kodak, and the Rochester Institute of Technology. He has Bachelor's degrees in psychology, mathematics, and electrical engineering and a Master's degree in electrical engineering, and is a member of Tau Beta Pi and Eta Kappa Nu.



## IEEE Rochester Section Events

These events are all virtual. Register using vTools

Event	vTools #	When
EX-COM meeting	n/a	January 5 <sup>th</sup> , 11:50 – 13:00
<a href="#">Function Space Data Representation of Temporal Signals for Machine Learning</a>	250165	January 18 <sup>th</sup> , 17:30 – 18:30
<a href="#">Adapting Deep Neural Networks to Point Cloud Data</a>	249914	February 9 <sup>th</sup> , 18:00 – 19:00