



IEEE Rochester Section

Serving Rochester Engineers
for over 100 years

June 2017



STRATUS 2017

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Systems and Technologies for Remote Sensing Applications Through Unmanned Aerial Systems – October 20 at the Rochester Institute of Technology

Rochester Institute of Technology faculty Emmett Lentilucci won a grant from the IEEE Geoscience and Remote Sensing Society to host the 2nd workshop on unmanned aerial systems (UAS) at RIT in the fall of 2017. The workshop will bring together researchers from academia, industry representatives and the end users who integrate drones into their business operations to share perspectives on the rapidly evolving technology. Topics will include, Three dimensional and multiview imaging, Analysis techniques, Applications, Imaging systems, Platforms, Sensors, and related technologies. "The STRATUS workshops are helping to put RIT on the map as a resource for the drone community," lentilucci said. "Last year, 82 people from academia and industry registered for the first STRATUS conference at RIT, and I anticipate more interest this year." The first event drew representatives from Eagle Hawk, EnableUAV, Harris, microdrones, SkyOp, Oak Ridge National Labs, Cornell University and University of Rochester.

To learn more about this event, visit: <http://ewh.ieee.org/r1/rochester/grss/STRATUS2017>

Past Events



The 2017 Engineering Symposium Rochester was a success with over 450 engineers attending the event on April 18. Many thanks to **Jean Kendrick** and **David Krispinsky**, who served as the IEEE moderators for the entire day. Recognition and appreciation also go to our

local IEEE members who presented at the symposium:

1. Dr. Ram Dhurjaty – "Magnetics for Modern Power Supplies."
2. Mr. Girish Beha – "High Voltage DC Current – Powering the Future" and "IEEE Smart Village Development."
3. Mr. Rich Church, P.E. – "Grid-Tied PV Array Economics."
4. Dr. Cristian Linte – "Biomedical Imaging and Visualization for Computer-Integrated Diagnostic and Surgical Data Science."

Interested in viewing the presentations? Visit:

<http://www.engineeringsymposiumrochester.com/2016-presentations/>



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The Signal Processing Society had two great meetings in April 2017



Majid Rabbani



Paris Smaragdis

Rabbani presented the “*Importance of Motion in Digital Video Imaging.*”

This meeting was held on April 4 at the Institute Hall – Rochester Institute of Technology Campus, which attracted 38 people attending.

Paris Smaragdis, IEEE distinguished lecturer, an invited speaker for the April 19 meeting in the Computers Studies Building - University of Rochester, with 40 people in attendance.

Upcoming IEEE Events

Join the Rochester Section during their casual summer event at Seabreeze!

About Seabreeze

Seabreeze is clean, safe, and manageable. It's not too big and not too small – just the right size for your family. The park is close by, easy to get to with highway access, and there's plenty of free parking. Whether you want to experience all the great rides and slides, or just relax and take in the spectacular views and cool summer breezes off Lake Ontario, you'll have a wonderful, memorable day with your family. And it's all yours at a price that will make you smile.

Summer Event – SEABREEZE! July 13, 2017 – From 11 am – 10 pm

The only goal of this event is to have FUN!! **Bring your entire family** for a whole day of excitement. For more details about activities and dinner menu, visit: <https://events.vtools.ieee.org/m/44408>

Going to Seabreeze with dinner normally costs \$30/person. For you and your family, it's just \$5/person.

This rate will **increase to \$10/person** if you register on June 30 or later.

To register, go to: https://events.vtools.ieee.org/meeting_registration/register/44408

Rochester Section EXCOM Meeting - June 6, 2017 @ 11:45 - 13:00

If you are looking for a cheap lunch (\$5 for members and \$3 for students), join us for the next monthly Rochester Section IEEE Executive Committee meeting. All current and prospective IEEE members may attend! Please join us to learn more about the Society and how you may contribute. We are always looking for new members and volunteers.

NEW LOCATION FOR JUNE AND AUGUST!

NEW Location: Tandoor of India 376 Jefferson Rd, Henrietta, New York. Please visit our website to see more upcoming events! <https://events.vtools.ieee.org/m/44003>