



IEEE Rochester Section

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<http://rochester.ieee.org>

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THE ROCHESTER AND SYRACUSE SECTIONS RECENTLY SPONSORED "THE SECOND INTER-COLLEGIATE PENETRATION TESTING COMPETITION" ON NOVEMBER 4-6th.

The goal for this event is to model a real life penetration test as closely as possible in a competition environment. Cyber security events, such as a CTF, vulnerability assessment, auditing, or Pen testing, share many characteristics. All of them exercise a competitor's understanding of how things work, knowledge of why systems function the way they do, and their skill in manipulating a systems function. Several students were presented with IEEE awards. Many thanks to Bo Yuan (CS/CIS Chair) and others for helping with this extraordinary event.



PE/IAS TOUR OF THE NEW UNIVERSITY OF ROCHESTER SUBSTATION AND THE COGEN PLANT ON OCTOBER 27 WAS A SUCCESS

The Power and Energy/Industry Applications Society took a tour of the new University of Rochester Substation on Kendrick Rd, and the Cogen Plant on Elmwood Ave. We had 14 participants, (of which 11 were IEEE members, and 3 guests). We had several of the local engineering firms represented, a few professors, and a few students. Many thanks to Jean Kendrick (PES/IAS Chair) for coordinatring this unique tour!





The first ever workshop related to unmanned aerial systems (UAS) was held at RIT on October 28th, 2016. The 2016 STRATUS or **S**ystems and **T**echnologies for **R**emote **S**ensing **A**pplications **T**hrough **U**nmaned **A**erial **S**ystems, was held, all day, in Louise Slaughter Hall on the RIT campus.

The aim of the workshop was to facilitate interaction between academic researchers, industry



researchers and students working in the field of remote sensing

utilizing unmanned aerial systems. Since this is an emerging field, the goal of the workshop was not to define technical requirements, standards or legal policy, but rather to illustrate the specific connection between remote sensing and unmanned aerial platforms at both the commercial and academic levels.

There were 82 people registered for the workshop from both industry and academia. Companies such as SkyOp, microdrones, Harris, Eagle Hawk, EnableUAV, Oak Ridge National Labs and even the Monroe County Water Authority were represented. Individuals from universities such as University of Guelph (Canada), Beijing Institute of Technology (China), Hobart and William Smith, Cornell, St. John Fisher, U of R, RIT and MCC were also in attendance.

There were 11 oral and 6 poster presentations along with two keynote speakers, one from industry (i.e., Headwall Photonics in Boston) and one from academia (i.e., RIT). Student awards (\$200 each) were given out for best paper (Ahmed Elshamli), poster (Dylan Cornell), and oral presentation (Ryan Ford). These awards were made possible by the generous financial contributions of EagleView-Pictometry.



The workshop was made possible, in part, by a \$3,400 IEEE Geoscience and Remote Sensing Society (GRSS) award won by RIT Research Professor, and general workshop chair, Emmett Lentilucci. The award allowed for low registration fees for non-students while waiving registration fees for students. The workshop also received the technical co-sponsorship of the IEEE GRS Society which enabled hosting the event on the IEEE

GRSS website, advertisement in the GRSS Magazine, and the ability to publish accepted full papers in IEEE Xplore. It is our intention that this be the start of an annual workshop on unmanned aerial systems here at RIT.

Rochester Section EXCOM meeting

December 6 @ 12:00 - 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. **Location: Hibachi Sushi Buffet in South Town Plaza 3333 W. Henrietta Rd, Henrietta, New York.** <http://events.vtools.ieee.org/m/37455>

Please visit our website to see more upcoming events!