



IEEE Rochester Section

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March Newsletter, 2017

<http://rochester.ieee.org>

Executive Committee

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Rochester Section Joint Chapter Meeting – April 5, 2017

RIT - Louis Slaughter bldg. Room 2210 & 2220 from 4:00PM to 9:00PM

Keynote Presentation: Rick Fremming, Senior Operations Engineer

Topic: Robert Moses Niagara Falls Hydroelectric Plant

Rick's role is to monitor and support the safe, reliable and efficient operation of 13 hydro generators (225 MVA each), 12 pump generators, 20 billion gallon reservoir & 21 transmission lines. He is also responsible for troubleshooting these systems and finding engineering solutions. He has been with the New York Power Authority (NYPA) for 18 years.

CHAPTER POSTER SESSION (5:30 – 7:00 PM)

Technical Presentations I & II:

- CS/CIS - A Vision for Human-Centered Cybersecurity – Dr. M. Wright
- GRSS - Unmanned Aerial Vehicles/Systems – TBA
- SPS - Analyzing/Tracking Persons 3D Gaze – Gabriel Diaz
- EMBS – An Adaptable Framework to Extract Abnormal Brain Networks – Dr. Archana Venkataraman
- APS/MTTS – Gallium Nitride Power MMICs – Fact and Fiction – Dr. Campbell

Registration and refreshment	4:00 – 4:30 PM
Chapter Technical Presentations I	4:30 – 5:30 PM
Chapter Technical Presentations II	5:30 – 6:30 PM
Student Poster Session	5:30 - 7:00 PM
Networking (cash bar)	6:30 – 7:15 PM
Dinner & Keynote Presentation	7:15 – 9.00 PM

Registration is required to attend this meeting. **Register before March 20** to take advantage of the discount.

Register on-line at <https://events.vtools.ieee.org/m/43769>

Congratulations to the new recipients for the Rochester Section IEEE Scholarship Award!

Denisse Aquino

Computer Engineering Major (2017)
Kate Gleason College of Engineering
Member in the Computer
Engineering Leadership Team of the
WE@RIT
Teaching Assistant in the Computer
Engineering Department at RIT
Currently working for Diebold Nixdorf
as a Software Engineer Co-op

Steffen Thomas Jensen

Electrical and Computer Engineering
Major (2018)
School of Engineering & Applied
Sciences – U of R
Member of the Computer Interest
Floor, IEEE Student Club, U of R
Researched Algorithms for Sparse
Linear Matrix Solvers, Acoustics, 3-D
Printing, and Autodesk



Rochester Engineering Society Gala

Saturday, April 8, 2017 at the Rochester Riverside Convention Center

123 East Main Street, Rochester – 5:00 PM – 10:00 PM

Gala Program includes a reception and silent auction – Growth in the Rochester Development Arena! Dinner, awards, and entertainment.

Honoring: 2016 Engineer of the Year; 2016 Young Engineer of the Year; 2016 Finalist for Young Engineer of the Year; 2016 Engineers of Distinction; Scholarship to high schools & college students.

Registration is available online. For more information about the event, ticket price, and sponsorship go to: <http://www.roceng.org/event-2423204>

Explorer Post # 801 – Career Options in Engineering 2017

The Explorer Post is held yearly from January through March.

You are invited to attend this event, hosted by Lyle Tague and Pat Kline.

- March 16, 2017 from 6:30 PM to 8:30 PM
- BAS Office on 2320 Brighton Henrietta Town Line Road, 14623

A Career Options in Electrical Engineering report will be handing out at the event.

The Rochester Engineering Society is seeking STEM volunteers

If you are interested in volunteering your time in local schools and classrooms, sign up now to receive monthly newsletters and information regarding how you can get involved. Visit <http://www.roceng.org/Volunteer> to sign up. For question or comments, contact Jon Kriegel at jkriegel@rochester.rr.com

Inspire the NEXT Generation of Innovators and Explorers

The Rochester Section is seeking officer candidates for 2017 Elections!

The Rochester Section is currently seeking candidates for all roles including: Chair, Vice Chair, Treasurer, and Secretary for the 2017 Elections (**term to begin in 2018**). Please consider contributing your talent to the Rochester Section by serving on on the executive committee. Interest candidates can contact either Ray Ptucha (rwpeec@rit.edu) or Cristian Linte (calbme@rit.edu)

Rochester Section EXCOM meeting

March 7, 2017 @ 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: Jade Garden Buffet in South Town Plaza 3333 W. Henrietta Rd, Henrietta, New York.** Please visit our website to see more upcoming events!

<https://events.vtools.ieee.org/m/42251>