



IEEE Rochester Section

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November 2019 Newsletter

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Message From the Chair

Dear colleagues,

The latest EX-COM meeting included a cake to celebrate IEEE day. I was sorry to miss it, and thank Eric Brown for presiding over the meeting. The next EX-COM meeting will be held a week later than usual, on November 12th, so that I will not miss a third one in a row.

On a personal note, I gave a keynote at the MIT-IEEE undergraduate student conference, in Cambridge MA.

I am getting towards the end of my tenure as section chair, ending in a couple of months. It has been a great experience. I will continue to volunteer in IEEE events.

The candidates for 2020 are announced below. Watch your email and these newsletters for position statements from each of the candidates.

Rochester Section Officer Candidates

The nominating committee announced these candidates for officers in the Rochester IEEE section for 2020. Position statements from the candidates are in process.

- For chair: Eric Brown
- For vice-chair: Cristian Linte
- For treasurer: Harish Gupta
- For secretary: Paul Lee

43rd IEEE EDS Activities in Western New York Conference

This conference will be held Thursday, November 7th, 2019, in the RIT University Gallery in Booth Hall. Its focus is to bring engineers and researchers together to share information on topics related to microelectronic devices and systems. It is sponsored by the Electron Devices and Photonics Societies of the Rochester IEEE section. Register by November 4th on <https://events.vtools.ieee.org/m/205997>.

The conference comprises four invited talks and a poster session. Abstracts are being solicited for poster presentations in microelectronics and photonics, especially those which promote research and development activity in Western New York. Abstracts must be received by November 4th. See the registration link for contact information to submit abstracts.

The invited talks are:

- Prof. Oussama Moutanabbir, Ecole Polytechnique de Montreal, "Silicon-Integrated Quantum Electronics and Photonics"
- Prof. Kai Ni, Rochester Institute of Technology, "Ferroelectronics: From Memory to Computing"
- Dr. Saurabh Chowdhury, Director, Foundry Process Engineering, Transphorm Inc., "650V GaN HEMT: Manufacturing and Scaling"
- Prof. Shamsul Arafin, The Ohio State University, "Compound III-V Semiconductor based Classical and Non-Classical Light Emitters at Visible through Mid-Infrared"

IEEE Day: Celebrating the first time in history when engineers worldwide and IEEE members gathered to share their technical ideas in 1884. IEEE Day's theme was: "Leveraging Technology for a Better Tomorrow". While the world benefits from what's new, IEEE focuses on what's next. This is the 10th year celebrating this historic event. These pictures show the EX-COM celebration of this day.



Greg Gdowski elected as IEEE Region 1 Delegate-Elect/Director-Elect, 2020-2021

I would like to personally thank the Rochester members for their support in my election as the Region 1 Delegate-Elect/Director-Elect. I am extremely honored to have been elected to represent you and all 22 R1 Sections in the upcoming years as a member of the Boards of the IEEE MGA, IEEE USA, and IEEE. I will be working with a great team of individuals within the Region including the soon to be Past Director Babak Beheshti, and Director Ed Palacio. Some of my personal goals for the Region include:



- Improving the sense of community across R1. More extensive communications are needed from the Region to Sections and our membership. Members will perceive greater value in being connected to a regional network with diverse activities and professionals.
- Prioritizing membership recruitment and retention throughout R1. Regional recruitment will be targeted at large schools with low numbers of undergraduate members. The R1 Student Conference will be expanded by adding career development workshops and opportunities for graduate students.
- Increasing the promotion of women engineers and young professionals (YP). More active recruitment of women and YPs to R1 leadership. More active role in promoting R1 Women in Engineering (WIE) across all Sections.

Interestingly, the last Rochestarian to hold this IEEE position was Lynn C. Holmes who was the first R1 Director and the only person to have held the position for more than one term (1963-65). Coincidentally, he simultaneously served as the President of the Rochester Engineering Society in 1963 – a role that I will also assume in 2020. Dr. Holmes worked at General Dynamics (Electronic Division) in Rochester which was located in the current B&L facility. At that point in time, General Dynamics was working on technology for the ships that were to support the recovery of astronauts of the Apollo missions. If history is repeating itself, then we can look forward to some exciting times in Rochester in the near future!

Thank you again for your support. I look forward to working with the Region and the Rochester IEEE Section leadership in the upcoming years.

All my best,
Greg Gdowski

IEEE Rochester Section Events

For current information and registration links for our events, see <http://site.ieee.org/rochester/>

<u>Event</u>	<u>Vtools #</u>	<u>When</u>	<u>Where</u>
EDS Activities Conference	205997	November 7 th , 10:30 – 18:00	University Gallery, Booth Hall, RIT
EXCOM Meeting	203989	November 12 th , 11:50 – 13:00	China Buffet
Joint Chapters Evening Meeting		December 11 th	NextCorps
Engineering Symposium		April 28 th , 2020	Rochester Riverside Convention Center
UAV STRATUS 2020 Conference		May 18-20, 2020	University of Buffalo stratus-conference.com