



IEEE Rochester Section

*Serving Rochester Engineers
for over 100 years
August 2025 Newsletter*

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COMMUNICATION

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NEWSLETTER

Mark Schrader

HISTORIANS

Mark Schrader

(R1-2) Ram Dhurjaty

RES LIASON

Kelly Robinson

Message from the Chair



Dear Colleagues,

Our IEEE Rochester Section Summer has been very active for our 18 Chapters and Groups. We continuously work hard to bring value to our IEEE Members, local companies, and our Rochester area technical community. We'd love to hear your ideas for how to deliver value to you, your technical education, and your professional career! We offer opportunities for participation and leadership on our Executive Committee and our society chapters.

We are working to establish a new IEEE Electromagnetic Compatibility Society Chapter. If EMC is important in your work or for your company's success, please contact Gene Saltzberg for further information.

Our IEEE Rochester Section Executive Committee meets monthly to organize events. Our next meeting will be on Tuesday, September 2nd from 12:00 PM to 1:30 pm at the Tandoor of India, 376 West Jefferson Road, Henrietta NY, 14623.

Come join us for lunch and to help organize an amazing event! Please register for in-person or virtual (Zoom) attendance using this link: <https://events.vtools.ieee.org/m/487612>.

I look forward to working with you!

Regards,

Kelly R.

Kelly Robinson, PE, PhD
Chair, IEEE Rochester Section

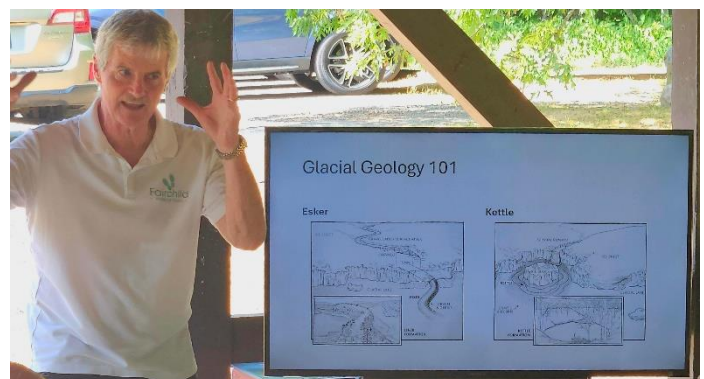
IEEE Rochester Section - Young Professionals Event

Announcing: IEEE Young Professionals **Meet and Eat** Event

Our Young Professionals Meet and Eat event will take place on Saturday, September 13, 2025, at the Cavalry House Lodge in Mendon Ponds Park. Look for the registration link in the August Newsletter or a general email to all Young Professional members.

IEEE Rochester Section Summer Picnic Report – by Kelly Robinson

The IEEE Rochester Section Summer Picnic, which was held at Mendon Ponds Park on Saturday, August 16, 2025, was a fine event for our 23 attendees. The Dinosaur Bar-B-Que provided tasty food. We were honored to have Jack Butler, author of Mendon Ponds Park: Fairchild's Dream, talk with us about the history of the park, whose geologic features date back to the ice age, 11,700 years ago. Jack then led a guided walking tour of the Devil's Bathtub, one of the six major ponds in the park. The Devil's Bathtub is a "wet kettle" formed by a broken block of ice from the receding glacier.



IEEE Annual Election

The 2025 IEEE Annual Election begins on 15 August 2025 and ends on 1 October 2025 at 12:00 noon ET (16:00 UTC). Members of IEEE will receive ballots.

Read about the 2026 IEEE President-Elect Candidates and Nominees at:

<https://www.ieee.org/about/corporate/election>

IEEE Rochester Section Officer Elections

The Rochester Section is calling for nominations for the following leadership positions with terms beginning in January of 2026.

- Chair
- Co-Chair
- Secretary
- Treasurer

Please send questions about the positions and nominations including self-nominations to Mark Schrader at m.schrader@ieee.org. The deadline for sending nominations is October 3.

The schedule for the Rochester Section Officers Election is as follows:

Nomination Process Dates

- | | |
|------------------------------|-------------|
| 1. Call for Nominations | 02 Aug 2025 |
| 2. Nominations Deadline | 03 Oct 2025 |
| 3. First Slate of Candidates | 05 Oct 2025 |
| 4. Petition Deadline | 04 Nov 2025 |
| 5. Final Slate of Candidates | 06 Nov 2025 |
| 6. Planned Election Date | 20 Nov 2025 |
| 7. Results Announced by | 15 Dec 2025 |

Rochester Section Eta Kappa Nu News

Congratulations to Rochester Section's newest members of Eta Kappa Nu, Dr. Deyasini Majumdar and Nadia Pavlov.

Breaking News: Congratulations to the University of Rochester for being granted a Chapter of Eta Kappa Nu. The new (Nu) chapter will begin on September 20.

Rochester Section Senior Member News

Congratulations to the members of the IEEE Rochester Section who were promoted to Senior Member since January of 2025.

The 2025 IEEE Senior Members are:

- Dr. Sonia Lopez Alarcón
- James Chwalek
- Mr. Mohammed Hoque
- Daryl Johnson
- Dr. Naresh Kshetri
- Prof. Parsian Mohseni
- Mr. Christopher Noyes
- Mr. Praveen Kumar Pathaneni
- Dr. Ivan Puchades
- Mr. Joseph Franklin Santhosh
- Mr. Rafael Venturini
- Prof. KE Xu

IEEE MGA Award Nominations

The IEEE MGA award nominations are now open. The deadline for nominations is September 15. Nominations must be submitted through the Section Chair. These awards are given for one of the following: Innovation, Leadership, and Achievement. (These awards are distinct from the regional awards.)

IEEE FFT Milestone Celebration Report

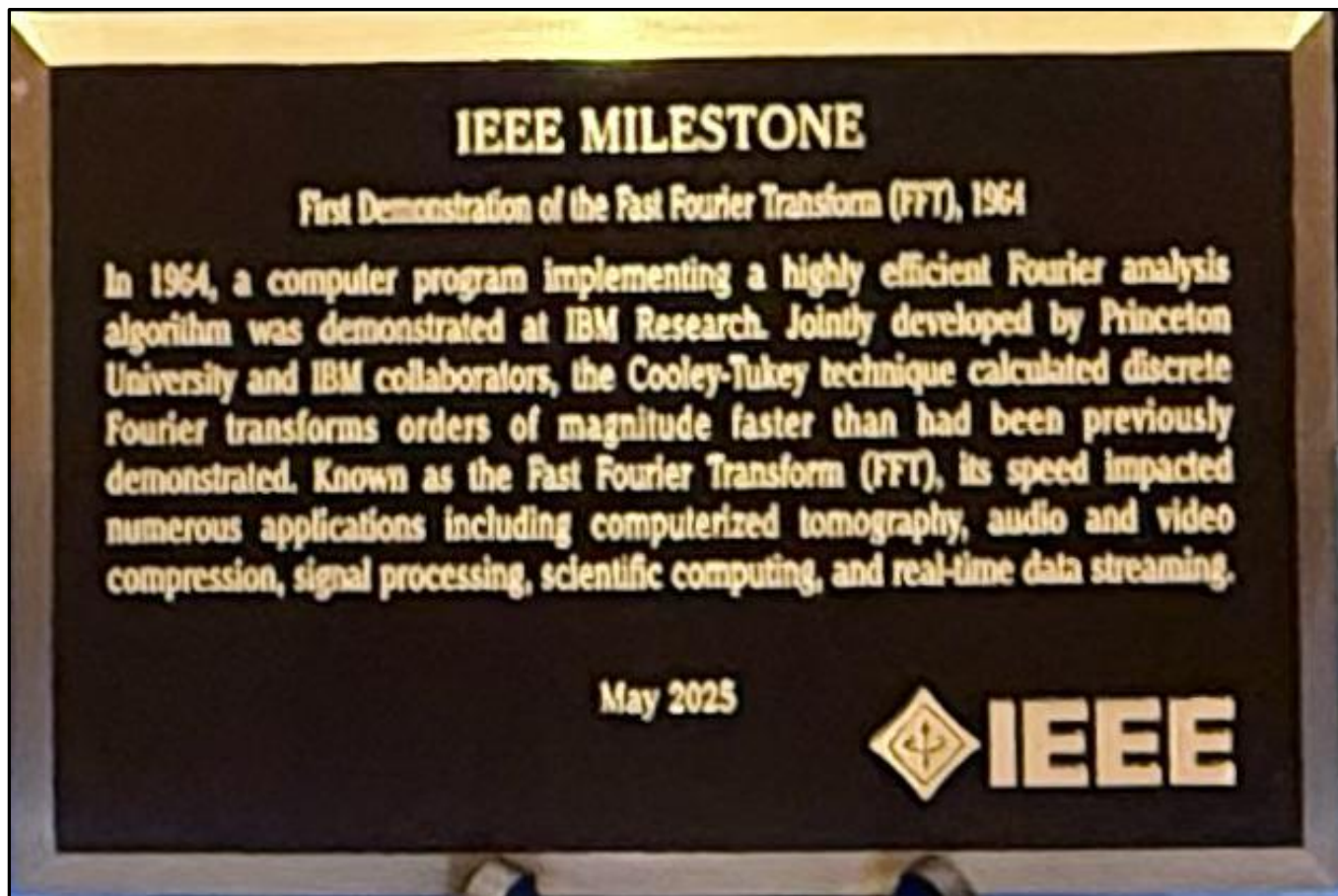
On Thursday, May 22, 2025, Princeton University's Electrical and Computer Engineering (ECE) department hosted an Institute of Electrical and Electronics Engineers (IEEE) "Milestone" Ceremony.

The ceremony honored the invention and implementation of the Fast Fourier Transform (FFT) by inventors Dr. John Tukey, a Princeton professor, and J.W. Cooley of IBM. The FFT was a key advance in signal and information processing, allowing the rapid conversion of digitized waveform signals from the time domain to the frequency domain.

ECE Professor Emeritus Ruby Lee, Dr. Harold Stone of NEC Research Labs, and Dr. James Wynn of IBM have led this commemoration effort. Several historical and technical presentations were given at the event to illustrate the details of the algorithm and to demonstrate where the invention fits within the development of advanced signal processing techniques.

Several Rochester Section members attended the event, including Ram Dhurjaty, a Region 1-2 Historian, and Howard Bussey, a longtime contributor to the Rochester Section.

The plaque associated with this milestone will be on permanent display. Photos of the plaque and the milestone event are included here.





Overview

"... in many signal processing contexts, the required processing can often afford to be approximate, in the spirit that good enough is good enough"

- Al Oppenheim

Back to the Future
By AL OPPENHEIM
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