DRC

June 22 - 25, 2025

Duke University, Durham, North Carolina

CALL FOR PAPERS

Important Dates

February 15, 2025
Abstract Submission Deadline

April 5, 2025
Acceptance Notification

April 10, 2025
Registration Opens

May 15, 2025
Discounted Rate Registration Deadline

OFFICERS

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This year marks the 83rd anniversary of the Device Research Conference (DRC)—the longest running device research meeting in the world. DRC will bring together leading scientists, researchers and students from varied disciplines in academia and industry to share their latest research and discoveries in the field. The high-caliber technical sessions are highlighted by plenary talks and invited talks by international research pioneers and leaders behind modern electronic technology.

The 2025 Conference will feature:

- An informative, timely short course in rapidly developing fields
- Oral and poster presentations on electronic/photonic device experiments and simulations
- Plenary and invited presentations given by Eli Yablonovitch, UC Berkeley, Nicky Lu, Etron, Suman Datta, Georgia Tech
- Evening rump sessions
- Strong student participation and Student Paper Awards
- Focus Sessions on Devices for Heterogeneous Integration
- More than 50 invited speakers covering a wide spectrum of devices

Topics of Interest:

Topics to be presented include:

- Devices for Biological and Healthcare Applications
- Emerging Devices
- Devices for Extreme Conditions
- Spintronic and Magnetic Devices
- Memory Devices
- Modeling and Simulation of Devices
- Nanoscale and Vacuum Devices
- Optoelectronic and Optical Devices
- Power Devices
- Quantum Devices
- Heterogeneously Integrated Devices
- Thin-Film and Flexible Devices
- RF and Terahertz Devices
- Wide-bandgap Device
- 2D Materials and Devices
- Neuromorphic Computing Devices