

*This marks the 83<sup>rd</sup> anniversary of this long-running semiconductor conference. . .*

## **2025 Device Research Conference Announces Call for Papers**

DURHAM, NC (JANUARY 6, 2025) – The [Device Research Conference \(DRC\)](#), the longest running device research meeting in the world, has announced a Call for Papers for DRC 2025, the conference's 83<sup>rd</sup> anniversary.

The 83<sup>rd</sup> annual DRC will be held from June 22-25, 2025 at Duke University in Durham, NC. The DRC brings together leading scientists, researchers, and students from many disciplines in academia and industry to share their latest research and discoveries in device science, technology, and modeling, including many of the first disclosures of key device technologies.

**DRC announces that the deadline for abstract submissions is February 15, 2025.** To submit an abstract, download the [2025 Call for Papers](#).

The DRC 2025 technical program offers a rich and diverse agenda, featuring three plenaries, seven keynotes, and 40 invited speakers that cover a broad spectrum of device-related topics. The program will include oral and poster sessions showcasing advanced research in electronic and photonic devices, evening panel discussions, and a special Focus Session on Devices for Heterogeneous Integration. The plenary talks will be delivered by world-renowned leaders in device science and technology: Eli Yablonovitch, Nicky Lu, and Suman Datta. Other program highlights include a Short Course on Heterogeneous Integration, a Tutorial on modeling and simulations, and vibrant student participation, with Student Paper Awards recognizing exceptional contributions.

DRC 2025 is held in coordination with the [Electronic Materials Conference \(EMC\)](#), recognizing the strong interaction between device and electronic materials research, providing an opportunity for meaningful exchanges of information between attendees of both conferences.

DRC 2025 seeks paper abstracts in the following areas:

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

For more details about the Device Research Conference, please refer to the [DRC 2025 website](#).

### **About the Device Research Conference**

The [Device Research Conference](#) is the world's longest running device research meeting, bringing together scientists, researchers, and students in device science and technology since 1941. The conference presents research and discoveries in device science, technology, and modeling, including many of the first disclosures of key devices behind modern electronic technologies.

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#### **Conference Contacts:**

Dr. Tania Roy  
DRC Technical Program Chair  
[tania.roy@duke.edu](mailto:tania.roy@duke.edu)

Dr. Eilam Yalon  
DRC Technical Program Vice Chair  
[eilamy@technion.ac.il](mailto:eilamy@technion.ac.il)

Dr. Saptarshi Das  
DRC General Chair  
[sud70@psu.edu](mailto:sud70@psu.edu)

#### **Media Contacts:**

Chris Burke  
BtB Marketing Communications  
[chris.burke@btbmarketing.com](mailto:chris.burke@btbmarketing.com)