



**2023 IEDM Conference Theme**  
**Devices for a Smart World**  
**Built Upon 60 Years of CMOS**

# 2023 IEEE International Electron Devices Meeting

December 9-13, 2023

**IEDM is pleased to announce increased technical focus in the area of:**

## **Neuromorphic Computing (NC)**

### **Topics**

Papers are solicited in the following themes of interest:

- SRAM, DRAM, Flash, ReRAM, MRAM, PCRAM, ferroelectric memory, and memory selector for analog in-memory deep learning
- Memory, logic, and nanoelectronic devices with novel functions and/or materials for neuromorphic computing
- Probabilistic and approximate computing enabled by stochastic behaviors of devices and materials
- Emerging neuromorphic computing algorithms enabled by memory, logic, and nanoelectronic devices

New or trending areas include:

- Device-algorithm co-optimization
- Monolithic 3D integration for neuromorphic computing
- Neuromorphic sensors and in-sensor computing



## **For More Information**

**IEDM Online:** [ieee-iedm.org](http://ieee-iedm.org)

**Social Networks:**  
[ieee-iedm.org/social-media](http://ieee-iedm.org/social-media)



## **Paper Submission**

**Submission deadline: July 13th**  
**Single submission of final, four-page paper**