



2024 IEDM Conference Theme
**Shaping Tomorrow's
Semiconductor Technology**



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2024 IEEE International Electron Devices Meeting

December 7-11, 2024

*Hilton San Francisco Union Square
San Francisco, California*

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

Emerging Device and Compute Technology (EDT)

Topics

Papers are solicited in the following themes of interest:

- 2D and devices on low-dimensional materials
- Non-CMOS emerging devices
- Neuromorphic and approximate computing devices
- Spintronic and magnetic devices
- Steep-slope devices
- Quantum computing devices

New or trending areas include:

- Topological materials and devices, and phase transitions transistors
- Emerging state machines, time dynamical systems, approximate computing
- Novel cryogenic devices

Paper Submission

Submission deadline: July 11th

Single submission of final, four-page paper