



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:

Modeling and Simulation (MS)

Topics

Papers are solicited in the following themes of interest:

- Technology CAD and benchmarking
- Advanced logic and memory device modeling
- Atomistic material, process, and interconnect simulation
- Compact models for DTCO
- Alternative computing device modeling
- Nanoscale (bio) sensors modeling

New or trending areas include:

- Multi-scale simulation with hybrid techniques
- Advanced packaging and 3D integration modeling
- Thermal modeling
- Low-temperature and quantum device modeling
- Device modeling for photonics
- Device modeling for in-memory and in-sensor computing

For More Information

IEDM Online: ieee-iedm.org

Social Networks:
ieee-iedm.org/social-media



Paper Submission

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