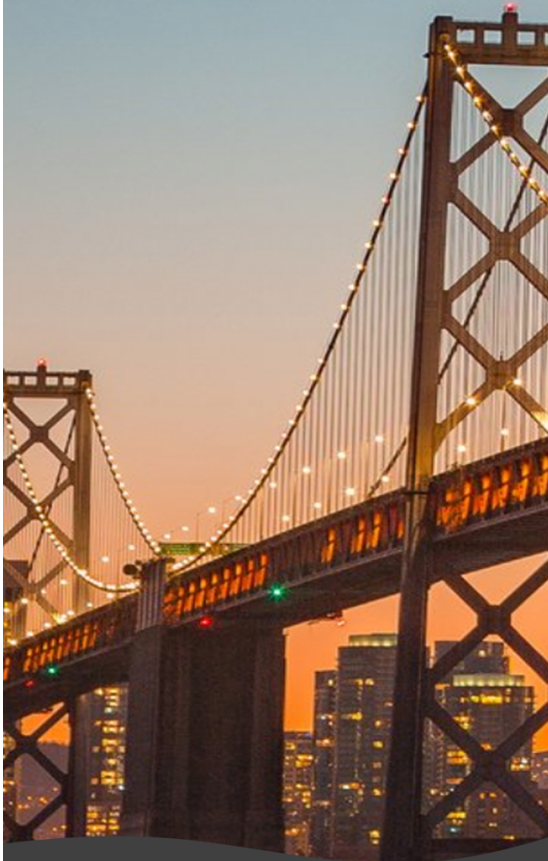




**2024 IEDM Conference Theme**  
**Shaping Tomorrow's  
Semiconductor Technology**



## For More Information

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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:

## 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

### Paper Submission

**Submission deadline: July 11<sup>th</sup>**

Single submission of final, four-page paper