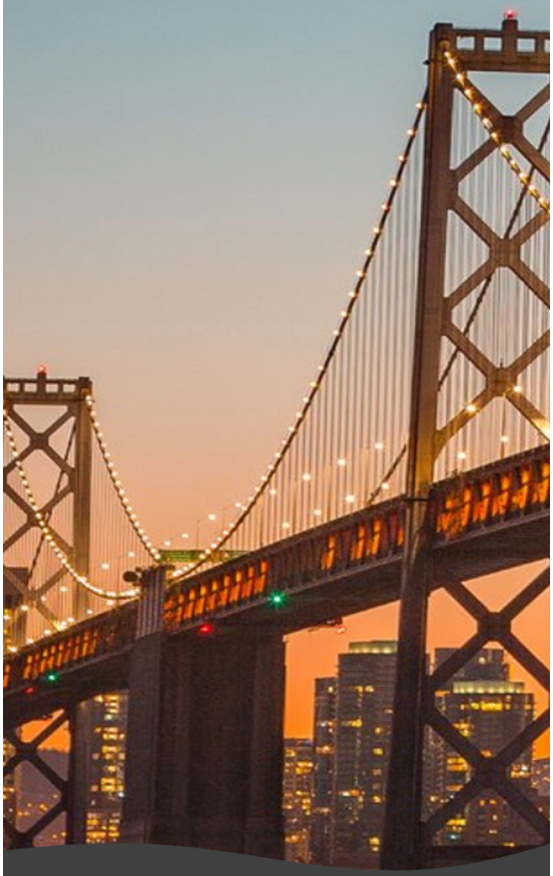
IEDM 70th International Electron Devices Meeting

2024 IEDM Conference Theme
Shaping Tomorrow's Semiconductor Technology



Electron Devices Society | IEEE

For More Information

IEDM Online: ieee-iedm.org

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

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:

Advanced Logic Technology (ALT)

Topics

Papers are solicited in the following themes of interest:

- CMOS platform technologies & opportunities
- Logic device performance and circuit design challenges
- Advanced, novel process integration schemes and (applications-driven) scaling approaches
- Process module innovations and progresses in process control & process metrology
- Design technology co-optimization (DTCO), System technology co-optimization (STCO)

New or trending areas include:

- GAA (vertically stacked) nanosheets based devices and circuits; new channel materials
- Sequential, monolithic 3D integration, heterogenous chiplets, 2.5/3D integration, thermal management
- Logic for memory
- Interconnects (BEOL, Backside power delivery)
- BEOL compatible transistors

Paper Submission

Submission deadline: July 11th
Single submission of final, four-page paper