



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



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2023 IEEE International Electron Devices Meeting

December 9-13, 2023

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

Optoelectronics, Displays and Imagers (ODI)

Topics

Papers are solicited in the following themes of interest:

- Heterogeneous optoelectronic integration including sources, modulators or detectors
- Neuromorphic photonics
- Single photon emitters and detectors
- Luminescent devices based on new materials including perovskites and quantum dots
- Displays and imagers for augmented or virtual reality
- Holographic devices and displays
- Displays with unconventional form or size
- Photodetectors and imagers with new materials or flexible platform and printed electronics
- Imagers with unconventional spectral bandwidth, high sensitivity, or high time-resolution

New or trending areas include:

- Photonic devices for quantum computation and sensing
- Intelligent Image Sensors
- In-display and under-display Sensors

Paper Submission

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