



ICM 2026 KUCHING – SARAWAK

INTERNATIONAL CONFERENCE ON MICROELECTRONICS

Conference Date: 7–10 December 2026
Borneo Cultures Museum, Sarawak,
Malaysia

CALL FOR PAPERS

INTERNATIONAL CONFERENCE ON MICROELECTRONICS

The International Conference on Microelectronics (ICM) is a premier IEEE conference that brings together researchers, engineers, and industry professionals to present advances in circuits, systems, semiconductor technologies, and electronic design automation. The 38th edition will be held in Kuching, Sarawak, Malaysia, featuring technical paper presentations, poster sessions, tutorials, and networking opportunities.

Topics of Interest *(including but not limited to)*

Circuits and Systems

- Analog & RF Circuit Design
- Digital Signal & Data Processing
- Nonlinear Circuits
- System-on-Chips (SoCs) Design
- VLSI for Signal & Image Processing
- IoT and Wireless Communication Systems
- Edge/Extreme-edge AI
- Biomedical Circuits & Systems
- Embedded Hardware Security
- AI Accelerators & Hardware
- Testing, Verification & DFT

CAD Tools and Design

- Electronic Design Automation (EDA)
- Analog, Digital & Mixed-Signal Design Automation
- Device, Circuit & System Simulation
- Logic Synthesis & Physical Design Automation
- Design Verification, Validation & DFT
- Static Timing Analysis & PPA Optimization
- FPGA & High-Level Synthesis
- AI/ML for IC Design Automation

Micro/Nanoelectronics

- Semiconductor Devices & Technology
- Advanced CMOS & Beyond-CMOS Devices
- Wide Bandgap & Compound Semiconductors
- Device Modelling & TCAD
- MEMS, Sensors & Microsystems
- Silicon Photonics & Optoelectronics
- Advanced Packaging & Chiplet Technologies
- Reliability, Testing & Failure Analysis
- Cryogenic Electronics for Quantum Computing

Important Dates

Special Session/Cross-Society/
Embedded Workshop/Tutorial Proposals

~~Jul 20, 2026~~ Jul 31, 2026

Notification of Proposal Acceptance

~~Jul 30, 2026~~ Aug 4, 2026

Full Paper/Live Demo Submission

Aug 7, 2026

Notification of Paper Acceptance for
Regular/Special/Cross-Society/
Embedded Workshop/Live Demo

Sept 30, 2026

Camera-Ready Paper Submission

Oct 15, 2026

Paper Submission

- Authors are invited to submit papers using the **IEEE conference paper template**.
- Papers are limited to 5 pages: up to 4 pages for technical content, including text, figures, and references, plus an optional 5th page for references only.
- Papers must be submitted electronically via EDAS: <https://edas.info/N35431>
- Accepted papers presented by registered authors will be submitted for inclusion in IEEE Xplore.
- Authors of selected high-quality papers will be invited to submit extended versions for publication in an indexed journal.

Technical co-sponsor

- IEEE CASS Egypt Section
- IEEE CASS Indonesia Section
- IEEE Kuwait Section Joint Chapter
- IEEE CASS Singapore Section
- IEEE CASS Thailand Section
- IEEE CASS Vietnam Section
- IEEE Lebanon Section CASS/IES/PES/PELS Joint Chapter
- IEEE Republic of Philippines Section CASS/SSCS Joint Chapter
- IEEE UAE Section CASS/PELS/SSCS Joint Chapter