



CALL FOR PAPERS

DEADLINES

April 7, 2026

Abstract Submission Deadline

April 14, 2026

Paper Submission Deadline

April 14, 2026

Deadline for Proposals for
Workshops, Tutorials, Special
Sessions, Panels

June 8, 2026

Notifications for Workshops,
Tutorials, Special Sessions, Panels

July 11, 2026

Notifications for Regular Papers

August 24, 2026

Camera Ready Paper Submission
Deadline

August 24, 2026

Author Registration Deadline

Jointly sponsored by IEEE and ACM, IEEE/ACM ICCAD is the premier forum to explore new challenges, present leading-edge innovative solutions, and identify emerging technologies in the electronic design automation research areas. IEEE/ACM ICCAD covers the full range of CAD topics – from device and circuit level up through system level, as well as post-CMOS design. IEEE/ACM ICCAD has a long-standing tradition of producing cutting-edge, innovative technical program for attendees.

COVERED TOPICS

Original technical submissions on, but not limited to, the following topics are invited:

» System-Level CAD

- System Modeling: HW/SW co-design, simulation, & heterogeneous SoCs.
- AI & Accelerators: Neural network hardware, AI algorithms, & CAD for AI.
- Embedded Systems & Edge Computing: Cyber-physical systems, FPGAs, & CGRAs.
- Security: Hardware trust, encryption, & side-channel attack prevention.
- Efficiency: Low-power & approximate computing.

» Synthesis, Verification, Physical Design Analysis, Simulation, & Modeling

- Logic Synthesis: Technology mapping & optimization.
- Physical Design: Floorplanning, placement, routing, & CTS.
- Verification & Test: Formal verification, emulation, ATPG, & post-silicon debug.
- Analysis: Timing, power, and signal integrity optimization.
- Manufacturability: DFM, yield estimation, & reliability analysis.
- Analog/Mixed-Signal: RF device modeling & EM simulation.

» Emerging Technologies and Paradigms

- Nanoscale & Post-CMOS: Emerging devices, nanophotonics, & CAD for mixed-domain & field-coupled technologies.
- Advanced Computing Paradigms: Non-von Neumann architectures, quantum computing, DNA computing, neuromorphic hardware, swarm intelligence & green computing.
- Bio-CAD: CAD for microfluidics, bio-sensors, & synthetic biology.

More details on the covered topics and the submission process will be shared on the ICCAD website.

CALL FOR PROPOSALS

In addition to technical session presentations, the IEEE/ACM ICCAD will also include:

- Workshops
- Tutorials
- Special sessions
- Panels

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