



June 22 – 24, 2026 | Dresden, Germany | Fraunhofer IPMS

23RD INTERNATIONAL CONFERENCE ON IC DESIGN AND TECHNOLOGY (ICICDT 2026)

CALL FOR PAPERS

2026 ICICDT is the twenty-third edition (23rd) in the series of the International Conference on IC Design and Technology, organized since 2004. 2026 ICICDT will be organized and held in Dresden (Germany) on June 22-24, 2026. Thus, it **takes place in the center of Silicon Saxony**. ICICDT is, on purpose, a forum for engineers, researchers, graduate students, and professors, to cross the design-technology boundary by bringing design, technology, and process experts together. ICICDT has a unique format where **each paper has a short presentation and a poster** to encourage inquisitive discussions and the sharing of knowledge on a one-to-one basis during the poster session. This conference workshop style provides an excellent opportunity for all attendees to exchange breakthrough ideas and collaborate efficiently.

IMPORTANT DATES

Submission site open:

December 18, 2025

Submission deadline:

23:59 GMT February 9th (Monday), 2026

Contact:

wenke.weinreich@ipms.fraunhofer.de
www.icicdt2026.org

SCOPES AND TOPICS

Original papers are solicited presenting the design-technology boundary in topics relevant to semiconductor circuits, design, device, technology, and process, including but not limited to, the following areas:

- Advanced materials and processing technologies
- Power semiconductor technologies and circuits
- Advanced packaging, lateral and vertical (2.5D and 3D) chiplet integration
- Oxide Semiconductor, 2D Materials
- Digital circuits, low power memory devices and circuits
- RF/analog, mixed-signal, ESD Protection devices and circuits
- Design for manufacturing, yield, and test
- System-on-Chip (SoC) and System-in-Package (SiP) design integration
- Emerging technologies, circuits and applications (MEMS, Memory, Internet of Things, Autonomous cars, Machine Learning, Artificial Intelligence)

PAPER SUBMISSION

2026 ICICDT allows only online submission of the papers in PDF format. All papers to be submitted to 2026 ICICDT should be validated by IEEE PDF Express before submission. All submissions **MUST** be 2-4 pages long.