

Apr 10–12, 2026 // Dallas, Texas, United States

CALL FOR PAPERS

The **19th IEEE Dallas Circuits and Systems (DCAS) conference** will be held at **Southern Methodist University, Dallas** from April 10 - April 12, 2026. This conference is co-sponsored by the IEEE Circuits and Systems (CAS) Society, the IEEE Solid-State Circuits Society, the IEEE Electron Devices Society, UT Dallas and SMU will feature a comprehensive program of technical papers, poster sessions, keynote speakers and workshops. The IEEE DCAS 2026 conference contributions will focus on the following eight tracks.

- **VLSI Design and Hardware Security**
- **IoT, Sensors, Embedded systems and Embedded AI**
- **Emerging Device and Circuit Technologies**
- **Edge Devices, Machine Learning and Hardware, and Edge Computing**
- **Analog and mixed-signal circuits and systems**
- **RF circuits and systems**
- **Power systems, power electronics and power management integrated circuits**
- **Biomedical circuits and systems**

In addition to these tracks, the conference will also encourage submissions in areas including but not limited to the following.

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| <ul style="list-style-type: none"> • VLSI design and methodologies • Analog and RF mixed signal design and ICs • Synthesis, DFT and Verification Methodologies • Design for Manufacturability and Yield • Hardware-Software Co-Design • Device-Circuit Co-Design • Power Systems and Power Electronics • Computer Aided Design • Devices and Modeling Communications • Temperature-Aware Design • Low-Power Design • Nano-scale Computing and Nano-Electronics | <ul style="list-style-type: none"> • Hardware Security • High Performance Computing • Quantum Computing and Spintronics • Multi-core and Parallel Architectures Networks-on-chip • Reconfigurable Systems • Signals and Systems • Embedded Systems Sensors and Sensor Arrays • Cyber-Physical Systems • Education in Circuits and Systems Internet of Things • Packaging • Emerging Technologies • Artificial Intelligence Circuits and Architectures | <ul style="list-style-type: none"> • Big Data Processing • Compressive Sensing • Cognitive Computing and Deep Learning • Energy-Aware Systems and Services • Personalized Healthcare Systems • Innovative Neurotechnology • Sustainable Computing and Systems • Smart Systems for Automotive • Power Management, Energy Harvesting, and Wireless Power • 5G and Multi-Gigabit Optoelectronics Comm • Audio and Video Processing |
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Submission Formats

- Regular papers: 4-6 pages
- Short papers: 2 pages
- Posters: 1 page

Accepted Papers

- Accepted regular and short papers will be archived in IEEE Xplore.
- Each published paper requires a full conference registration.
- All papers must be presented by an author or coauthor of that paper at the conference.
- Grants will be awarded to students of selected papers to offset registration costs.
- **The IEEE DCAS 2026 Organizing Committee has initiated discussions with the IEEE Journal on Emerging and Selected Topics in Circuits and Systems (JETCAS) regarding the preparation of a special issue dedicated to selected contributions from DCAS 2026.**





Southern Methodist University

Paper submission deadline:

Jan 31, 2026

Author notification:

Feb 15, 2026

Final Paper Submission Date:

Feb 28, 2026

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Link: <https://dcas2026.com>