

Special Invited Session 16

Micro/Nano Sensing-Memory-Computing Devices

Micro/nano devices support a variety of sensing, memory, and computing functionalities with ultralow power consumption, small footprint, and high speed. Furthermore, emerging in-sensor computing paradigm allows processing the sensing data directly inside the sensor, promoting even more efficient sensing systems that mimic human perception. Therefore, this session focuses on the latest development of micro/nano sensors, memory, and computing devices, as well as their integration towards future applications.

Special Invited Session Chairs



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Paper Submission

For the initial submission, the authors can select one of the following two types:

- Type 1: full paper (4-6 pages)
- Type 2: extended abstract (2 pages)

*Note:

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- Step 1: Please select the track “**Special Invited Sessions**” and click “**Continue**.”
- Step 2: After filling in the basic paper information, please select the topic **“SIS16 – Micro/Nano Sensing-Memory-Computing Devices.”**



Important Dates

Initial Submission (Full Paper or Extended Abstract)	Jan. 31, 2026
Notification of Acceptance	Feb. 10, 2026
Late-News Submission Deadline	Feb. 28, 2026
Early Registration Deadline	Mar. 10, 2026
Presentation-Only Submission Deadline	Mar. 10, 2026
Final Submission Deadline	Mar. 10, 2026

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