

Special Invited Session 02 Micro/Nanofabrication and Sensor

Micro- and nanoscale sensors are central to modern intelligent electronics, enabling high-resolution, low-power, and real-time detection of physical, chemical, biological, and optical stimuli. Advances in micro/nanofabrication provide essential support for precise structural control and reliable integration, thereby enhancing sensor performance and scalability. Recently, multimodal micro/nano sensors capable of concurrently acquiring heterogeneous signals have attracted increasing attention for comprehensive environmental and physiological perception. The integration of artificial intelligence further promotes AI-enabled multimodal sensing, enabling adaptive signal fusion, feature extraction, and intelligent responses at the device and system levels. This session highlights recent advances in micro/nano sensor technologies and intelligent sensing systems, covering novel sensor architectures, materials, and application-oriented integration.

Special Invited Session Chairs



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2026 IEEE 21st International Conference on
Nano/Micro Engineered and Molecular Systems

April 17-21, 2026 Chengdu, China

Paper Submission

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

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- Step 2: After filling in the basic paper information, please select the topic “**SIS02 – Micro/Nanofabrication and Sensor**.”



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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