

# Special Invited Session 20

## Micro/Nanomechanical Inertial Sensors

Micronanomechanical inertial sensors represent a cutting-edge advancement in the field of sensing technologies, leveraging the principles of micro and nano fabrication. These sensors are designed to detect and measure inertial forces, such as acceleration and angular velocity, with unparalleled precision. Recent innovations have led to the development of ultra-sensitive, energy-efficient devices capable of functioning in various applications, including consumer electronics, automotive systems, and aerospace technologies. This session will explore recent breakthroughs in micronanomechanical sensor design, fabrication techniques, and their integration into smart systems, highlighting their potential in revolutionizing various technological landscapes.

### Special Invited Session Chairs .....



**Hemin Zhang**

Northwestern Polytechnical University, China



**Jiangkun Sun**

National University of Defense Technology, China



**Chengxin Li**

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## Contact

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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 “**SIS20 – Micro/Nanomechanical Inertial Sensors**.”



### 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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