

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

KU Leuven, Belgium

Contact

Conference Website: <https://www.ieee-nems2026.org>

Conference Secretary: Rachel Huang

Tel: +86-28-87555888/+86-13281280917

Email: ieee-nems2026@youngac.cn



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:

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

*Note:

▪ **View more on website:**

<https://www.ieee-nems2026.org/initial-submission.html>

▪ **Submit your paper through the following link or QR code:**

<https://easychair.org/conferences/?conf=nems2026>

- 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

Sponsored By

