Special Invited Session 19

Micro/Nanofabrication Techniques and Devices

Micro- and nanofabrication technologies are enabling unprecedented advances in sensors, actuators, flexible electronics, and emerging quantum and neuromorphic devices. This session focuses on recent progress in high-resolution lithography, atomic-scale patterning, additive and subtractive manufacturing, heterogeneous integration, and novel materials platforms such as 2D materials, MEMS/NEMS structures, and monolithic 3D architectures.

Special Invited Session Chairs

Xia Liu

Beijing Institute of Technology, China

Hao Jia

Shanghai Institute of Microsystem and Information Technology, Chinese Academy of Sciences, China

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IEEE NEMS 2026

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*
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Paper Submission

- 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 "**SIS19 – Micro/Nanofabrication Techniques and Devices**."

Important Dates

Initial Submission (Full Paper or Extended Abstract)	Jan. 10, 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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