

Special Invited Session 06

Flexible Biosensors

Driven by advances in flexible materials, device architectures, and fabrication technologies, flexible sensors have experienced rapid development in recent years. By enabling conformal, lightweight, and mechanically compliant interfaces, these sensors can continuously monitor physical, chemical, and biological signals under dynamic deformation conditions. Such capabilities have led to broad applications in wearable devices, soft robotics, human-machine interfaces, and smart healthcare systems. This session focuses on recent progress and key findings in flexible sensor technologies, including novel materials, sensing mechanisms, device integration, and system-level applications.

Special Invited Session Chairs



Yu Song

City University of Hong Kong, China



Minqiang Wang

Shanghai Jiao Tong University, China



Guang Yao

University of Electronic Science and Technology of China, China

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>

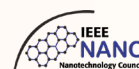
- Step 1: Please select the track “**Special Invited Sessions**” and click “**Continue**.”
- Step 2: After filling in the basic paper information, please select the topic “**SIS06 – Flexible Biosensors**.”



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

Sponsored By



电子科技大学

