

Special Invited Session 08

Biomimetic Microelectromechanical Systems (MEMS) Technology

Biomimetics has become an important design methodology for the innovation of microelectromechanical systems in the past decade. The field has witnessed the emergence of biomimetic sensors, actuators, micro-robots, flexible electronics, and neuromorphic computation as areas gaining significant traction. Fundamental research on biological perception and motor systems serves as a vital driving force for progress in these areas. Therefore, this session focuses on the latest development and findings of biological and biomimetic microelectromechanical systems.

Special Invited Session Chairs



Yonggang Jiang

Beihang University, China



Junqiu Zhang

Jilin University, China



Renxin Wang

North University 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:

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“SIS08 – Biomimetic Microelectromechanical Systems (MEMS) Technology.”



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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