

Special Invited Session 21

Radio Frequency Micro/Nanodevices

As a critical frontier in advancing modern wireless communication and sensing systems, Radio-Frequency (RF) Nano/Micro-Electro-Mechanical Systems (N/MEMS) technology has consistently driven groundbreaking innovations in miniaturization, performance, and integration of radio-frequency components. With the rapid evolution of 5G/6G networks, IoT, and satellite communications, RF N/MEMS devices—including filters, switches, varactors, resonators, and reconfigurable antennas etc.—are enabling new paradigms in high-frequency system design. This session will focus on the latest research, developments, and applications in RF N/MEMS, covering novel design, fabrication, characterization, packaging, and integration strategies, as well as their implementation in next-generation communication, sensing, and adaptive RF systems.



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:**

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Special Invited Session Chairs



Haoshen Zhu

South China University of Technology, China



Yansong Yang

The Hong Kong University of Science and Technology, China



Jingui Qian

Hefei University of Technology, China

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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