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3M-NANO is the annual International Conference on Manipulation, Manufacturing and Measurement on the Nanoscale; it will be held on 27-31 July 2026 in Suzhou, China. **The ultimate ambition of this conference series is to bridge the gap between nanosciences and engineering sciences**, aiming at technology opportunities and new markets. The advanced technologies for manipulation, manufacturing and measurement at nanoscale promise novel revolutionary products and methods in numerous areas of application. Scientists working in research fields related to 3M-NANO topics are invited to submit papers. **All accepted full papers (presented at the conference and following IEEE format) will be submitted in IEEE Xplore database and Ei Compendex.** Selected papers will be recommended for publication in the IEEE Trans. on Automation Science & Engineering, Int. J of Nanomanufacturing, IFAC Mechatronics, Int. J of Optomechatronics, J of Micro-Bio Robotics, Journal of Bionic Engineering, Light (Science & Applications), Optics and Precision Engineering, International Journal of Extreme Manufacturing, Material Today Bio, and other SCI/EI journals.

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Suzhou Institute for Advanced Research, University of Science and Technology of China
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University of Bedfordshire, UK
Ministry of Education Key Laboratory for Cross-Scale Micro and Nano Manufacturing, China
Zhongshan Institute of Changchun University of Science and Technology, China
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Topics:

Nanohandling robots and systems
Nanofabrication and nanoassembly
Nanometrology and nanocharacterization
Nanopositioning and nanomanipulation
Nanosensing and microscopy
AFM and SEM for nanohandling
Process automation at nanoscale
Self-assembly at nanoscale
Nanoscale robotics
Nanolithography
Nanoenergy
Nanoscience for healthy foods
3D/4D printing and applications

Nanomaterials and applications
Graphene, 2D materials and applications
Nanoparticles, nanowires and nanotubes
Nanoelectronics and nanomagnetics
Nanophotonics and plasmonics
Nanomechanics and nanomechatronics
NEMS and their applications
Nanofluidics
DNA detection and sequencing
Bio-nano devices and applications
Bio-nanoimaging and nanomeasurement
Nanotech and environmental protection

High-profile keynote talks (20-24) on selected topics in manipulation, manufacturing and measurement on the nanoscale will be offered by **distinguished international experts**.

Social events: 3M-NANO aims at encouraging long-term partnerships and collaborative activities between experts in nanosciences and in engineering sciences. **Get-together events will be organized by 3M-NANO as part of this effort.**

Venue: Suzhou is a well-known water town in the south of the Yangtze River, with rivers, lakes and tidal flats taking up 34.6% of its total area. Suzhou is nestled in a subtropical monsoon marine climate zone, mild and moist, with distinctive four seasons and abundant rainfall. Known as a land of fish and rice, famous for its silk for long, the city has earned the fame of "the paradise on earth", due to all these attributes.

Important Dates

Full paper submission:

Proposals for special session (5-6 papers):

Advanced registration (Early bird discount):

1 May 2026

1 May 2026

15 July 2026

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