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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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**Topics:** Specific topics include, but are not limited to

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):

www.3M-NANO.org 3M-NANO@cust.edu.cn 1 May 2026 1 May 2026 15 July 2026



















Ziang Zhang (CN)

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