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3M-NANO is the annual International Conference on Manipulation, Manufacturing and Measurement on the Nanoscale; it will be held in August 2028 in Guiyang, 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 IEEE Transactions on Automation Science and Engineering, International Journal of Nanomanufacturing, Mechatronics, International Journal of Optomechatronics, Journal of Micro-Bio Robotics, Journal of Bionic Engineering, Light: Science & Applications, Optics and Precision Engineering, eLight, and Light: Advanced Manufacturing.

Organizers:

Guizhou University, China
International Research Centre for Nano Handling and Manufacturing of China
Changchun University of Science and Technology, China
Aarhus University, Denmark
University of Warwick, UK
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
International Society for Nano Manipulation, Manufacturing and Measurement
IEEE Nanotechnology Council

Topics:

Specific topics include, but are not limited to

Nanohandling robots and systems	Nanomaterials and applications
Nanofabrication and nanoassembly	Graphene, 2D materials and applications
Nanometrology and nanocharacterization	Nanoparticles, nanowires and nanotubes
Nanopositioning and nanomanipulation	Nanoelectronics and nanomagnetism
Nanosensing and microscopy	Nanophotonics and plasmonics
AFM and SEM for nanohandling	Nanomechanics and nanomechanics
Process automation at nanoscale	NEMS and their applications
Self-assembly at nanoscale	Nanofluidics
Nanoscale robotics	DNA detection and sequencing
Nanolithography	Bio-nano devices and applications
Nanoenergy	Bio-nanoimaging and nanomeasurement
Nanoscience for healthy foods	Nanotech and environmental protection
3D/4D printing and applications	

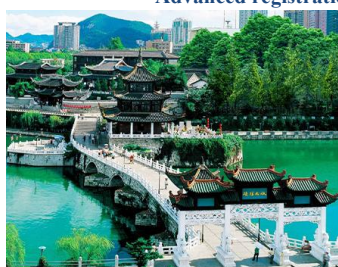
High-profile keynote talks (20-24) on selected topics in manipulation, manufacturing and measurement on the nanoscale will be offered by **distinguished international experts**.

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: Guiyang, the capital of Guizhou province in southwestern China, is located in the eastern part of the Yunnan-Guizhou plateau. The city of Guiyang maintains its steady and fast economic growth with the support of a new model of industrial system featuring big data, modern agriculture, automotive manufacturing, service and high-tech industries. The government seeks to boost the local economy through innovation.

Important Dates

Full paper submission:	1 May 2028
Proposals for special session (5-6 papers):	1 May 2028
Advanced registration (Early bird discount):	15 July 2028



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