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3M-NANO is the annual International Conference on Manipulation, Manufacturing and Measurement on the Nanoscale. It will be held on 31 July - 4 August 2023 in Chengdu, 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 and other SCI/Ei journals.

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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

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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.

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## **Important Dates**

Full paper submission: 1 June 2023 Proposals for special session (5-6 papers): 1 June 2023

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