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3M-NANO is the annual International Conference on Manipulation, Manufacturing and Measurement on the Nanoscale; it will be held in 2015 in Changchun, 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, Micromachines, Nanomaterials and other SCI/Ei journals.

Organizers: Jilin University, China

International Society for Nano Manipulation, Manufacturing and Measurement
University of Oldenburg, Germany
Changchun University of Science and Technology, China
IEEE Nanotechnology Council (technically sponsored)
Tampere University of Technology, Finland
The Chinese University of Hong Kong
Jilin Provincial Science and Technology Association
Changchun Association for Science and Technology

Topics: Specific topics include, but are not limited to

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| Nanohandling robots and systems | Nanomaterials and applications |
| Nanofabrication and nanoassembly | Graphene and applications |
| Nanometrology and nanocharacterization | Nanoparticles, nanowires and nanotubes |
| Nanopositioning and nanomanipulation | Nanoelectronics and nanomagnetics |
| Nanosensing and microscopy | Nanophotonics and photonic crystals |
| AFM and SEM for nanohandling | Nanomechanics and nanomechatronics |
| 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 |

High-profile keynote talks (20-25) 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: The capital city of Jilin Province, known as the forest city, automobile city and film city, is located in the central part of Songliao Plain in Northeast China. Being one of the four Chinese Garden cities and host of 2007 Asian Winter Games, Changchun plays a pivotal role in the development of northeast China and enjoys a modern transportation infrastructure. Visit and enjoy Changchun at 3M-NANO 2015!

Important Dates

Full paper submission
Proposals for special sessions (5-6 papers)

1-June 1 July 2015
1-June 1 July 2015



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