3M-NANO is the annual International Conference on Manipulation, Manufacturing and Measurement on the Nanoscale; it will be held on 18-22 July 2016 in Chongqing, 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.

Organizers: **Chongqing Institute of Green and Intelligent Technology, Chinese Academy of Sciences**
International Society for Nano Manipulation, Manufacturing and Measurement
Changchun University of Science and Technology, China
IEEE Nanotechnology Council
Tampere University of Technology, Finland
University of Bedfordshire, UK

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
- Nanomaterials and applications
- Graphene and applications
- Nanoparticles, nanowires and nanotubes
- Nanoelectronics and nanomagnetics
- Nanophotonics and photonic crystals
- Nanomechanics and nanomechatronics
- NEMS and their applications
- Nanofluidics
- DNA detection and sequencing
- Bio-nano devices and applications
- Bio-nanoimaging and nanomeasurement

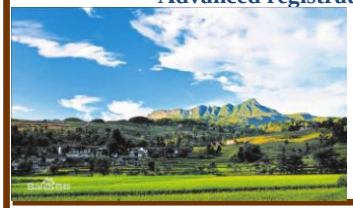
High-profile keynote talks (20-24) on selected topics in manipulation, manufacturing and measurement on the nanoscale will be offered by **distinguished international experts**.

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: Chongqing is a well-known city with a history of more than 3000 years. It is the famous historical and cultural city in China. Chongqing is the birthplace of the Bayu Culture. At present, Chongqing is a municipality directly under the Central Government with the largest area, the most administrative districts and the largest population. Chongqing is variously known as “foggy city”, “mountain city”, and “furnace city”.

Important Dates

Full paper submission	**15 May 2016**
Proposals for special sessions (5-6 papers)	**15 May 2016**
Notification of Acceptance	**1 June 2016**
Advanced registration (Early Bird)	**15 June 2016**



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