

**Honorary Chairs:** Dongyuan Zhao (CN)  
Hongjie Dai (US)

**General Chair:** Kun Qian (CN)

**Founding Chairs:** Huadong Yu (CN)  
Sergej Fatikow (DE)  
Zuobin Wang (CN)

**Local Committee Chairs:** Hongchen Gu (CN)  
Jian Ye (CN)

**Publication Chair:** Yanling Tian (UK)  
Zhankun Weng (CN)

**Program Chair:** Mingdong Dong (DK)

**Standing Committee:**

Hongsoo Choi (KR) Xinyu Liu (CA)  
Andreas Dietzel (DE) Carsten Maple (UK)  
Mingdong Dong (DK) Sylvain Martel (CA)  
Yoshio Hayasaki (JP) Stéphane Régnier (FR)  
Pasi Kallio (FI) Yu Sun (CA)  
Yi-Kuen Lee (HK) Yanling Tian (CN)  
Bernard Legrand (FR) Andrey Turchanin (DE)  
Tie Li (CN) Dong-Yol Yang (KR)  
Lei Liu (CN) John Yeow (CA)  
Lianqing Liu (CN) Li Zhang (HK)

**Advisory Committee:**

Chunli Bai (CN) Wen-Jung Li (HK)  
Karl Bähringer (US) Song-Hao Liu (CN)  
Peter Bryantran-Cross (UK) Bingheng Lu (CN)  
Nicolas Chaillet (FR) Bill Milne (UK)  
Shuo Hung Chang (TW) Brad Nelson (CH)  
Hyungsuck Cho (KR) Markus Pessa (FI)  
Harald Fuchs (DE) Guoquan Shi (CN)  
Toshio Fukuda (JP) Zhongqun Tian (CN)  
Shuxiang Guo (JP) Din Ping Tsai (TW)  
Jianguo Han (CN) Jia-Qi Wang (CN)  
Huilin Jiang (CN) Yuelin Wang (CN)  
Sukhan Lee (KR) Ning Xi (US)  
Tongbao Li (CN) Dong-Yol Yang (KR)

**Program Committee:**

Nitin Afzulpurkar (TH) Lars Montelius (SE)  
Gursel Alici (AU) SangJun Moon (KR)  
Wei Tech Ang (SG) Rakesh Murthy (US)  
Fumihito Arai (JP) Cun-Zheng Ning (US)  
Karl Bähringer (US) Cagdas Onal (US)  
Aude Bolopion (FR) Inkyu Park (KR)  
Barthelemy Cagneau (FR) Babak Parviz (US)  
Shoou-Jinn Chang (TW) Changsi Peng (CN)  
Weihai Chen (CN) Xiaogang Peng (CN)  
Yunfei Chen (CN) Yves-Alain Peter (CA)  
Yu-Bin Chen (TW) Wilhelm Pflieger (DE)  
Zhihui Chen (CN) Valentin Popov (DE)  
Po-Wen Chiu (TW) Manel Puig-Vidal (ES)  
Gilles Dambrine (FR) Lehua Qi (CN)  
Stefan Dimov (UK) Linmao Qian (CN)  
Ran Ding (CN) Long Que (US)  
Lixin Dong (US) Ivo Rangelow (DE)  
Ruxu Du (HK) Weibin Rong (CN)  
Kornel Ehmman (US) Changhai Ru (CN)  
Mady Elbahri (DE) Mariaana Savia (FI)  
Chris Ewels (FR) Minoru Seki (JP)  
Vladimir Falko (UK) Yajing Shen (HK)  
Fengzhou Fang (CN) Wen-Pin Shih (TW)  
Antoine Ferreira (FR) Bijan Shirinzadeh (AU)  
Michaël Gauthier (FR) Albert Sill (DE)  
L. Jay Guo (US) Metin Sitti (US)  
Shuxiang Guo (JP) Santiago Solares (US)  
Sinan Haliyo (FR) Young Jae Song (KR)  
Tawfique Hasan (UK) Zhengxun Song (CN)  
Martin Hoffmann (DE) Zhao Su (SG)  
Zhen Hu (CN) Daoheng Sun (CN)  
Han Huang (AU) Dong Sun (HK)  
Qiang Huang (US) Chunlei Tan (FI)  
Wenhao Huang (CN) Hui Tang (CN)  
Futoshi Iwata (JP) Ivo Utke (CH)  
Baohua Jia (AU) Deqiang Wang (CN)  
Yoshiaki Kanamori (JP) Fei Wang (CN)  
Jayantha Katupitiya (AU) Huiquan Wang (CN)  
Tomohiro Kawahara (JP) Qingkang Wang (CN)  
Beomjoon Kim (JP) Wenhui Wang (CN)  
Viktor Koledov (RU) Martin Wegener (DE)  
Kostadin Kostadinov (BG) Dongshan Wei (CN)  
Wai Chiu King Lai (HK) Zhankun Weng (CN)  
Pierre Lambert (BE) Wenming Xi (CN)  
Richard Leach (UK) Hui Xie (CN)  
Jeong-Soo Lee (KR) Hongmei Xu (CN)  
Li Li (CN) Yoko Yamanishi (JP)  
Wen Li (US) Yuen Kuan Yong (AU)  
Wen-Jung Li (HK) Yong Yue (UK)  
Yangmin Li (MO) Alice Zhang (CN)  
Liwei Lin (US) Jin Zhang (CN)  
Xianping Liu (UK) John Zhang (US)  
Yan Liu (CN) Qing Zhang (SG)  
Paolo Lugli (DE) Xianmin Zhang (CN)  
Philippe Lutz (FR) Ziang Zhang (CN)  
Bill Milne (UK) Qian Zhou (FI)  
Reza Moheimani (AU) Hanxing Zhu (UK)  
Michael Molinari (FR)

**Secretariat:** Wenjun Li (CN)  
Li Lei (CN)  
Yingying Song (CN)



**3M-NANO** is the annual International Conference on Manipulation, Manufacturing and Measurement on the Nanoscale; it will be held in August 2017 in Shanghai, 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:** Shanghai Jiao Tong University, China  
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  
University of South Wales, UK  
Aarhus University, Denmark

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

- |  |  |
|--|--|
| 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 plasmonics           |
| 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** (20-24) 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:** Throughout the past century, Shanghai has had numerous name tags attached to it; like "Paris of the Orient" and "Pearl of China". Images of Shanghai more than any other Chinese city, are bountiful in the west. A visit here therefore, is naturally tainted to some extent, with a preconception of how the city will be. As the largest and most prosperous city in the nation, Shanghai is the economic, financial and cultural center of China, while Beijing is the political heart. And this image of Shanghai as a fast and modern metropolis is certainly the one that most visitors take away.

**Important Dates**

<b>Full paper submission</b>	<b>1 May 2017</b>
<b>Proposals for special sessions (5-6 papers)</b>	<b>1 May 2017</b>
<b>Notification of Acceptance</b>	<b>15 May 2017</b>
<b>Advanced registration (Early Bird)</b>	<b>1 July 2017</b>



[www.3M-NANO.org](http://www.3M-NANO.org)

[3M-NANO@cust.edu.cn](mailto:3M-NANO@cust.edu.cn)

