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**3M-NANO** is the annual International Conference on Manipulation, Manufacturing and Measurement on the Nanoscale; it will be held in 2014 in Taipei, Taiwan. **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 revolutionary products and methods. Scientists working in research fields related to 3M-NANO topics are invited to attend the conference and to spend an exciting week in Taipei.

### Keynote speakers:

**Peter Bøggild**, Technical University of Denmark, Denmark  
**Lionel Buchaillet**, IEMN, France  
**Chih Wei Chu**, Academia Sinica  
**Andreas Dietzel**, Braunschweig University of Technology, Germany  
**Mingdong Dong**, Aarhus University, Denmark  
**Evangelos S. Eleftheriou**, IBM Zurich Research Laboratory, Switzerland  
**Weileun Fang**, National Tsing Hua University  
**Teodor Pawel Gotszalk**, Wroclaw University of Technology, Poland  
**Dae-Gab Gweon**, KAIST, South Korea  
**Chih-Ming Ho**, University of California, Los Angeles, USA  
**Ute Kaiser**, University of Ulm, Germany  
**Pasi Kallio**, Tampere University of Technology, Finland  
**MinJun Kim**, Drexel University, Philadelphia, USA  
**Arkady Krasheninnikov**, Aalto University, Finland  
**Yi-sha Ku**, Industrial Technology Research Institute  
**Chih-kung Lee**, National Taiwan University  
**Eberhard Manske**, Ilmenau University of Technology, Germany  
**Rahul Raveendran Nair**, University of Manchester, UK  
**Hong-Bo Sun**, Jilin University  
**Heiko B. Weber**, University of Erlangen-Nuremberg, Germany  
**Pei-Kuen Wei**, Academia Sinica  
**Ning Xi**, City University of Hong Kong, S.A.R.  
**John Yeow**, University of Waterloo, Canada  
**Xianmin Zhang**, South China University of Technology

### Topics:

Specific topics include, but are not limited to

Nanohandling robots and systems	Nanomaterials and applications
Nanofabrication processes and systems	Graphene, nanowires, nanotubes
Nanometrology and nanocharacterization	Nanoelectronics and nanomagnetics
Nanopositioning and nanomanipulation	Nanophotonics and photonic crystals
Nanosensor design and applications	Nanomechanics and nanomechanics
AFM and SEM for nanohandling	NEMS and their applications
Process automation at nanoscale	Nanopackaging
Self-assembly at nanoscale	Nanofluidics
Nanoscale robotics	Bio-Nano devices and applications

**Venue:** Taipei, the political, economic, and cultural center of Taiwan, is the island's most populous city. Taipei was as a small trading port two hundred years ago before becoming a sprawling metropolis. Must-see sights in Taipei include the ancient 10th-century artwork at the National Palace Museum, and the striking Taipei 101, one of the world highest buildings. Famous local food ranges from fermented stinky tofu and amazing dumplings to bamboo charcoal peanuts. Visit and enjoy Taipei along with 3M-NANO 2014!



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

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