

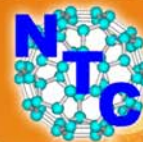


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Bangkok, Thailand



Call for Papers IEEE-NEMS 2007

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The 2nd Annual IEEE International Conference on Nano/Micro Engineered and Molecular Systems (IEEE-NEMS) will be held in Bangkok, Thailand. IEEE-NEMS is a premier conference of the IEEE Nanotechnology Council to bring together world-leading researchers in the several focused topics of MEMS and Nanotechnology to disseminate their latest research results and allow cross-disciplinary exchange of knowledge to further advance both technological areas. MEMS is naturally continuing its downsizing into Nanoelectromechanical Systems but at the same time it is indispensable in constructing complete Nano devices and systems. It is foreseeable that MEMS and Nanotechnology will become highly complimentary technologies that will significantly impact various large industries across the globe.

Topics covered by the conference include the following:

- Micro/Nano Fabrication
- Micro/Nano Sensors&Actuators
- Micro/Nano Fluidics
- Micro/Nano Heat Transfer
- Microelectromechanical Systems
- Nanoelectromechanical Systems
- Nanophotonics/Nanoelectronics
- Nanomaterials
- Nanobiology/Nanomedicine
- Nanorobotics/Nanoassembly
- Molecular Self-assembly
- Molecular Sensors&Actuators
- Nanotube/Nanowire Based Devices
- Bio-Nano-Informatics Fusion
- NEMS/Molecular Integration
- Molecular Computing
- System Cell Engineering
- Applications of MEMS/Nano Devices

Important Dates:

Aug 15, 2006: 2 pages of extended summary* due online
(<http://www.ieee-nems.org>)

*The Extended Summary must follow strict IEEE publication guidelines. Accepted summaries will be included in the periodical IEEE NTC Review of Advances in Micro, Nano, and Molecular Systems and will be SCI indexed.

Sept 15, 2006: Notification of acceptance

Nov 1, 2006: Deadline for Full Paper submission

Full Papers: 4 to 6 pages will be due on November 1, 2006. A maximum of 8 pages per paper will be allowed but a US\$200/page fee will be charged if the full paper exceeds 6 pages. All accepted papers will be published in the *Proceedings of IEEE-NEMS 2007* which will be included in the IEEE Xplore database and will be EI indexed.

Invited Sessions: Invited sessions are to provide a forum for focused discussions on advanced topics in MEMS or Nanotechnology. An invited session consists of 4 or 5 papers that must be electronically submitted for review using the same procedure for contributed papers. A proposal must include: (1) Title, (2) Organizers, (3) Brief Statement of Purpose for the session, and (4) A List of Authors and Paper Titles with paper IDs that will be given at the electronic submission. The invited/special session organizers must submit proposals to the Invited Sessions Chair (meyklee@ust.hk) by **Aug 15, 2006**.

Best Paper Awards: A Best Student Paper Award and a Best Conference Paper Award will be awarded at the conference. To qualify for the Best Student Paper Award the student must be the key developer of the ideas in the paper, and has done the work as part of an academic degree program. See conference website for detailed information.