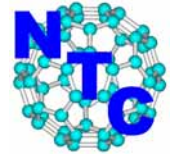




IEEE-NANO 2005



5th IEEE Conference on Nanotechnology

July 11-15, 2005

(Day of Tutorials: July 11, 2005, Day of Tours: July 15, 2005)

Nagoya Congress Center, Nagoya, Japan

Sponsored by the IEEE Nanotechnology Council

<http://www.mein.nagoya-u.ac.jp/IEEE-NANO/>

The emphasis of this conference will be on fusions of several different fields and applications of nanoscience and nanotechnology. As the potential of nanotechnology is significant and wide ranging, the conference focus will be on engineering issues related to nanoelectronics, circuits, architectures, sensor systems, integration, reliability and manufacturing in addition to fundamental issues such as modeling, growth/synthesis, characterization, etc. The conference will feature Plenary, Invited, and Contributed papers (oral and poster sessions) thematically arranged according to the following topics. Contributed papers are welcome in the following and related topics:

- Nanoelectronics, Molecular Electronics
- Nano-optics
- Circuits and Architectures
- Nanosensors, Actuators
- Nanomaterials: Synthesis, Characterization
- Inorganic Nanowires, Nanocrystals, Quantum Dots
- Nanofabrication, Nanolithography
- Nanophotonics, Nano-Optoelectronics
- Spintronics, Nanomagnetism
- Nano-Robotics, Manufacturing Issues, Reliability
- System Integration (Nano/Micro/Macro), NEMS (Nano Electro Mechanical Systems)
- Carbon Nanotube Based Technologies
- Nano-bio Fusion
- Modeling and Simulation

Abstract & Paper SUBMISSION

Abstract Due Date: February 28, 2005, 2 pages (1 page Text and 1 page Figures)

Full paper Due Date: May 13, 2005, Format: 4 pages

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