IEEE-NANO 2008

8th IEEE Conference on Nanotechnology



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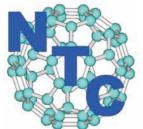
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This conference is the sequel to meetings held in Maui (2001), Washington (2002), San Francisco (2003), Munich (2004), Nagoya (2005), Cincinnati (2006), and Hong Kong (2007). Emphasis will be on fusions of several different fields and applications of nanoscience and nanotechnology. The conference focus will be on engineering and business 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 and Nanodevices
- Nano-optics, Nano-Photonics, and Nano-optoelectronics
- Nanofabrication, Nanolithography,
 Nano Manipulation, and Nano imaging
- Nano sensors/effectors and Nano membranes
- Nanocarbon, Nanodiamond and Carbon Nanotube-Based Technologies
- · Computation / Modeling and Simulation
- System Integration (Nano/Micro/Macro), NEMS, and Actuators
- Defense/Medical/Commercial Applications

- Molecular Electronics, Inorganic Nanowires, Nanocrystals, and Quantum Dots
- Spintronics, Nanomagnetics, and Quantum Computing
- Nano-bio Fusion, Nano Biology, Nano-Bio-Medical Science
- · Nano-Circuits and Architectures
- · Nanomaterials and Nanostructures
- Nano Manufacturing and Robotics
- Health and Safety, Economic, and Societal Aspects
- · Nano Theory/Education
- Nano-Standards
- Reliability of Nanosystems



Abstract Submission Due Date: March 15, 2008 (2 page abstract)
Authors will be notified of paper selection by April 7, 2008
Final camera ready (accepted paper) up to 4 pages, Due Date: May 1, 2008
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