

The 8th IEEE International Conference on Nanotechnology -- 2008 Conference Program

Program at a Glance

August 18, 2008
Monday

Time	Room M2 Tutorial	Room M10 Tutorial	Room M5	Room M6	Exhibit Hall (Salon G) <i>Chair: Dan Cowan</i>
8:30am - 10:00am	Advanced Characterization of Nanostructures Using a Nanomanipulator in Charged Particle Beam Microscopes Taylor Cavanah Zyvex	Carbon Nanotube-based Nanotechnology Meyya Meyyappan, Ph.D. NASA Ames Research Center			Set Up Exhibits
10:00am - 11:45am			NTC Advisory Council Chennupati Jagadish 10am to 6pm		
11:45am - 1:30pm	Lunch and Networking				
1:30pm - 4:00pm	Molecular-Scale Components in Electronic Applications Curt A. Richter, Ph.D., NIST Roger D. van Zee, Ph.D., NIST	Introduction to nanoHUB.org – Online Simulation and More Gerhard Klimeck, Ph.D. Purdue University	NTC Advisory Council Chennupati Jagadish 10am to 6pm	IEC TC 113 U.S. Technical Advisory Group Mike Leibowitz 1pm to 4pm	
4:00pm - 5:00pm				IEC Mixer (4pm to 6pm)	
5:00pm - 6:00pm					
6:00pm -- 8:00pm					Welcome Reception at the Pre-Function Gallery <i>(in front of Salons A, B, & C)</i>

- ST1 **Nanoelectronics and Nanodevices**
- ST2 **Nano Optics, Nano Photonics, and Nano Optoelectronics**
- ST3 **Nano Fabrication, Nano Lithography, Nano Manipulation, and Nanoimaging**
- ST4 **Nano Sensors / Effectors and Nano Membranes**
- ST5 **Nanocarbon, Nanodiamond, and Carbon Nanotube-based Technologies**
- ST6 **Computation / Modeling and Simulation**
- ST7 **System Integration (Nano/Micro/Macro), NEMs, and Actuators**
- ST8 **Molecular Electronics, Inorganic Nanowires, Nano Crystals, and Quantum Dots**
- ST9 **Spintronics, Nanomagnetism, and Quantum Computing**
- ST10 **Nano-Bio Fusion, Nano Biology, Nano-Bio-Medical Science**
- ST11 **Nano-Circuits and Architectures**
- ST12 **Nano Materials and Nanostructures**
- ST13 **Nano Theory / Education**
- ST14 **Nano-Standards**
- ST15 **Nano Manufacturing and Robotics**
- ST16 **Defense / Medical / Commercial Applications**
- ST17 **Health and Safety, Economic, and Societal Aspects**
- ST18 **Reliability of Nanosystems**