

Venues:

Call-for-Participants



Traverse City is one of the best travel places in Northern Michigan. A spectacular natural environment surrounded by fresh green forests and shiny blue waters near Lake Michigan shoreline. Grand Traverse Resort and Spa provides luxurious accommodations, indoor water playground, tournament-caliber golf, world-class spa, superb dining, our nearby Turtle Creek Casino and up to 85,000 square feet of meeting facilities showcase our attentive hospitality.

Conference scope:

NMDC aims to develop critical assessment of existing work and future directions in nanotechnology research including nanomaterials and fabrications, nanoelectronics, nanophotonics, devices, and integration. This conference will bring together key researchers from all over the world and from every sector of academy and industry in the nanotechnology research field, with a special focus on materials and devices.

Two valuable nano workshops:

Workshop 1:

NanoManufacturing and NanoRobots

June 2, 2009

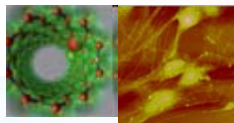
Workshop 2:

Nanowire based Nano Devices

June 6, 2009

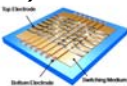
Topics:

1. Nanorobotics
2. NEMS
3. Nanomanipulation
4. Nanofabrication
5. Nanoassembly
6. Nanoinstrumentation
7. Modeling and simulation of nanoscale systems
8. Control of nanoscale systems
9. Nanoscale automation
10. Nanomanufacturing



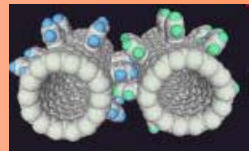
Speakers:

- Toshio Fukuda (Nagoya University)
 Wei Lu (University of Michigan)
 Hui Xie (University of Franche-Comté)
 Guangyong Li (University of Pittsburgh)
 Sylvain Martel (Ecole Polytechnique Montréal)
 Dan Popa (University of Texas)
 Mingjun Zhang (University of Tennessee)
 Lixin Dong (Michigan State University)



Topics:

1. Nanotubes, nanowires for nanodevices
2. Carbon nanotube synthesis
3. Electronic structure
4. Optical properties and light emission
5. Mechanical properties and sensors
6. Examples of potential applications
7. Carbon nanotube based device



Speakers:

- M. Meyyappan (NASA Ames Research Center)
 Ning Xi (Michigan State University)
 King W. C. Lai (Michigan State University)

Organizers: Lixin Dong (Michigan State Univ.) and Guangyong Li (Univ. of Pittsburgh)

1-day workshop fee		USD
Regular	IEEE Member	150
	Non-member	200
Student	IEEE Member	50
	Non-member	75

