



**SAN FRANCISCO BAY AREA
NANOTECHNOLOGY COUNCIL**

August 2006 Seminar

Subject: Prospects for Carbon Nanotubes

Speaker: **Dr. Nasreen Chopra**
Founding Member, SmallTech Consulting, LLC
Menlo Park, CA

Date: Tuesday, August 15, 2006

Time: Registration & light lunch 11:30am. Presentation & Q/A 12:00 to 1pm

Place: National Semiconductor, 955 Kifer Road, Santa Clara, CA Building 31

Cost: Members and Students \$5. Non-Members \$10

RSVP: dhavaljb@aol.com

Web link: www.ieee.org/nano

Talk Abstract:

Even though nanotechnology has become a household name, few nanotube applications have actually been delivered to the market place. Why? This presentation will describe a timeline for various nanotube applications and the technical challenges that need to be overcome to realize the promise. Also, start-ups are playing an active role in this field--what will it take for them to succeed? Their needs and potential pitfalls will also be discussed.

Speaker Biography:

Dr. Nasreen Chopra is a founding member of SmallTech Consulting, LLC. Dr. Chopra was co-founder and CEO of Koila, Inc, a venture backed start-up company addressing cooling of microelectronics, where she generated core IP in thermal application of nanotubes, including nanotube growth on copper. Her experience also includes work at Agilent Laboratories on nanopore synthesis (10 - 100 nm diameter) and fast x-ray imaging systems to inspect printed circuit boards. At Applied Materials, she was core member of the team that developed Black Diamond, a leading low-k dielectric film currently in manufacture. Dr. Chopra earned Ph.D., M.A. and B.S. degrees in Physics from the University of California, Berkeley. She is an inventor on numerous pending patents, and has authored 20 technical publications.