

IEEE San Francisco Bay Area Nanotechnology Council

Third Annual Full Day Symposium July 17, 2007

Nanotech: From Promise to Reality **Creating a Sustainable Environment**

Agenda

- 7:30 – 8:45 **Registration**
- 8:45 – 8:55 **Welcome:** Jack Berg / Neha Kumar-Choksi, Conference Co-Chairs
- 9:00 – 10:05 **Plenary Session** - Nitin Parekh, 2007 Chair IEEE SFBA Nanotech Council
- 9:00 – 9:30 Plenary 1: Arno Penzias, Venture Partner, NEA. 1978 Nobel Prize Physics
- 9:35 – 10:05 Plenary 2: Steven Kang, Chancellor, University of California, Merced
- 10:05 -10:25 Refreshment Break
- 10:25 -12:15 **Session 1. Sustainable Energy** - Richard Chung / Kris Verma, Co-Chairs
- 10:30 – 11:00 Opportunities for Developments in Nanotechnology to Address Energy Issues
Barbara Heydorn, Director, Center of Excellence in Energy, SRI
- 11:05 – 11:35 Solar Technology and Sustainable Energy
Bill Yerkes, CTO Solaicx, Photovoltaics Industry Pioneer
- 11:40– 12:10 Enabling the Mass Production of Biofuels from Photosynthetic Micro-organisms.
Guido Radaelli, Vice President, Engineering, Aurora Biofuels
- 12:15 – 1:30 Lunch Break
- 12:50 – 12:55 Event Host: Mohan Yegnashankaran, Vice President, National Semiconductor
- 1:00 – 1:30 Lunch Speaker: State of the Cleantech Industry
Ira Ehrenpreis, General Partner, Technology Partners
- 1:30-3:15 **Session 2. Clean Water** - Christine Peterson / Nick Massetti, Session Co-Chairs
- 1:35 – 2:05 Carbon Nanotube Nanofluidics
Olgica Bakajin, Lawrence Fellow, Lawrence Livermore National Labs
- 2:10 – 2:40 Dendrimer Nanotechnology & Water Treatment: Overview & Commercialization.
Mamadou Diallo, Director, Molecular Environmental Technology, CIT_
- 2:45 – 3:15 High Throughput, Continuous Flow, Membrane-less Water Filtration
Jeonggi Seo, Research Scientist, Pab Alto Research Center_
- 3:15 – 3:30 Refreshment Break
- 3:30 – 4:30 **Panel Session - Career Opportunities and Requirements**
Moderator: Eric Wesoff, Greentech Media, Publisher, The Venture Power Report
Panelist: Robert Cormia, Foothill College Nanotechnology Program
Panelist: Bala Padmakumar, X/Seed Capital
Panelist: Melinda Richter, Executive Director, San Jose BioCenter
Panelist: Anthony Waitz, Managing Director, Quantum Insight
- 4:30 – 5:00 Door Prize Raffle, Networking and Conference Closure

=====> **Free Drawing for a 2GB IPOD NANO** <=====

When: Tuesday, July 17, 2007 from 8:00am to 5:30pm

Location: National Semiconductor Bldg E-1, CMA Room, 2900 Semiconductor Dr., Santa Clara, CA

<http://www.google.com/search?hl=en&q=2900+Semiconductor+Drive.+santa+clara%2C+ca&btnG=Google+Search>

Registration:

IEEE Members:	\$ 80
Non-Members:	\$100
Students	\$ 35

Register at: <https://www.123signup.com/event?id=xtjj> or at: www.ieee.org/nano
At the Door - If Space Available, Cash or check only