



# Nanotechnology

## Graduate Program

### Nanotechnology Seminar Series – Fall 2008

Seminars are Wednesdays at 11am in BURCHARD 118.

Date	Title/Speaker	Sponsor/Host
9/9/08 (Tues 11am BABBIO 122)	<b>Multifunctional Excimer-Laser Lithography and Photoablation Technologies for Large-Area Micro and Nanoelectronics, Displays and Microsystems</b> Kanti Jain, University of Illinois at Urbana-Champaign	NGP Prof. Whittaker, x5707
9/17/08	<b>Synchronization and Coherence in Large Arrays of High Power Semiconductor Lasers</b> Yehuda Braiman, Oak Ridge National Laboratory	ECE Prof. Yi Guo, x5658
9/24/08	<b>The Deformation and Fracture of Metallic Nanoscale Structures</b> Derek Warner, Cornell University	CEOE Prof. Xu, x8711
9/26/08 (Fri 11:30am, Babbio 122)	<b>Publishing Trends and how to Maximise your Chances</b> Dr. Peter Gregory, Editor in Chief, Advanced Materials	NGP Prof. Sukhishvili, x5544
10/1/08	<b>Novel Ultrasonic Extrusion Process for Manufacturing of Polymer Nanocomposites</b> Avraam I. Isayev, University of Akron	CEMS Prof. Dilhan Kalyon, x8225
10/8/08	<b>MEMS-based Tools for Nanoscale Characterization</b> Aman Haque, The Pennsylvania State University	Mech. Eng. Prof. Yang, x5574
10/15/08	<b>New Jersey Technology Council: Nanotechnology Prototype Showcase (1 to 6 pm)</b> New Jersey Technology Council	NGP Prof. Fisher, x8913
10/22/08	<b>TBD</b> TBD	CEOE Prof. Wazne, x8993
10/29/08	<b>Quantum Cascade Lasers</b> Claire Gmachl, Princeton University	PEP Prof. Strauf, x5639
11/5/08	<b>Ion Mobility: An Aerosol Dynamics Approach to Manipulate and Characterize NanoParticles</b> Michael R. Zachariah, University of Maryland	CEMS Prof. Woo Lee, x8307
11/12/08	<b>Advanced Nanostructure Characterization by Synchrotron Scattering/Diffraction Techniques</b> Benjamin Hsiao, Stony Brook University	Mech. Eng. Prof. Fisher, x8913
11/19/08	<b>Polymeric Biodegradable Micelles for Gene Delivery</b> Haiquan Mao, Johns Hopkins University	CCBBME Prof. Wang, x5556
11/26/08	<i>no seminar - Happy Thanksgiving!</i>	-----
12/3/08	<b>Optical Spectroscopy of Individual Nanowires</b> James Misewich, Brookhaven National Laboratory	NGP Prof. Libera, x5259

Coordinator: Prof. Frank Fisher, Mechanical Engineering, x8913