



Nanotechnology Seminar Series – Spring 2013

Seminars are Wednesdays at 11 am in BABBIO 122.

Date	Title/Speaker	Sponsor/Host
1/30/13	<i>Tuning Surfaces for Cellular Function Using Nanolayer Assemblies</i> Paula Hammond, MIT	Nanotechnology Graduate Program (NGP), Professor Svetlana Sukhishvili, x5544
2/6/13	<i>Metal-Based Nanomaterials: Preparation and Applications in Chemical Analysis and Catalysis</i> Ziling (Ben) Xue, University of Tennessee	CCBBME Department, Professor Yong Zhang, x5513
2/13/13	<i>Rationalizing Nano-Assembly: From Structural Diversity to Designed Materials</i> Oleg Gang, Brookhaven National Laboratory	CEMS Department, Professor Pinar Akcora, x5060
2/20/13	<i>Discovery of nanostructured catalytic materials for automotive applications using a combined approach of informatics, modeling, and experiment</i> George Fitzgerald, Accelrys, Inc.	CEMS Department, Professor Simon Podkolzin, x8074
2/27/13	<i>Imaging Processes in Liquid Media with the Electron Microscope</i> Haim H. Bau, University of Pennsylvania	ME Department, Professor Chang-Hwan Choi, x5579
3/6/13	<i>Virus Particles as Enabling Building Blocks for Nanomaterials Development</i> Qian Wang, University of South Carolina	Stevens Interdisciplinary Biomaterials Research and Education (SIBRE) Group, Professor Xiaojun Yu, x5256
3/13/13	No seminar – Spring Recess	-----
3/20/13	<i>Nanoengineered Surfaces: Transport Phenomena and Energy Applications</i> Evelyn Wang, MIT	ME Department, Professor Chang-Hwan Choi, x5579
3/27/13	<i>Decoherence Control in Open Quantum Systems via Internal Model of the Environment</i> Narayan Ganesan, Stevens Institute of Technology	ECE Department, Professor Yi Guo, x5658
4/3/13	<i>Density Functional Theoretical Studies of the Photoelectron Spectroscopy with Carbon Fullerene materials</i> Himadri Chakraborty, Northwest Missouri State University	PEP Department Professor Svetlana Malinovskaya, x8094
4/10/13	<i>Advanced technologies for functional tissue engineering and regenerative medicine</i> Gordana Vunjak-Novakovic, Columbia University	Nanotechnology Graduate Program (NGP) Prof. Wang, x5556

Coordinator: Prof. Frank Fisher, Mechanical Engineering, x8913

Nanotechnology Graduate Program (NGP)
<http://www.stevens.edu/nano>