

# NANOFANS FORUM

(Focusing on Advanced Nanobio Systems)

“Bridging Biology and Nanotechnology”

You are cordially invited to participate in the 2009 Spring Meeting of the NANOFANS Forum to be held on Friday, May 1, 2009 from 11am-2pm.

*A box lunch is included at no cost to the participants*



**Prof. Shuming Nie** is the Wallace H. Coulter Distinguished Chair Professor in Biomedical Engineering at Emory University and the Georgia Institute of Technology. His research interest is broadly in biomolecular engineering and nanotechnology.



**Prof. John McDonald** is taking an integrated systems approach to the study of cancer. This means that he views cancer not as a defect in any particular gene or protein, but as a de-regulated cellular/inter-cellular process.



**Prof. Mostafa El-Sayed** is the Julius Brown Chair and Regents Professor in the School of Chemistry and Biochemistry at Georgia Tech. He researches Nanoscience and also investigates how Nanoparticles can be used in Nanomedicine, Nano Catalysis, and Nanophotonics.

## AGENDA

### Event Focus: “Cancer Nanotechnology”

- 11:00 - 11:10 - Welcome: Dr. James Meindl (Director, NRC)
- 11:10 - 11:15 - Speaker Introductions
- 11:15 - 11:55 - **Prof. Shuming Nie**  
*Director, Center of Cancer Nanotechnology Excellence, Emory and Georgia Tech*  
“Cancer Nanotechnology: New Opportunities in Engineering and Medicine.”
- 11:55 - 12:35 - **Prof. John McDonald**  
*Director, Ovarian Cancer Institute and Chair of the School of Biology at Georgia Tech*  
“Magnetic Nanoparticles and Ovarian Cancer: A Potential New Direction in Therapeutic Intervention.”
- 12:35 - 12:45 - Break
- 12:45 - 1:25 - **Prof. Mostafa El-Sayed**  
*Director, Laser Dynamics Laboratory at the School of Chemistry & Biochemistry at Georgia Tech*  
“Gold Nanoparticles and Its Potential Applications in Cancer Research.”
- 1:15 - 2:00 - Microelectronics/Nanotechnology Research Center Resources Overview and Lab/Cleanroom Tour

## Location:

Marcus Nanotechnology Building (Rooms 1116-1118)  
Georgia Institute of Technology  
345 Ferst Drive  
Atlanta, GA 30332

**Please RSVP by April 24, 2009 to reserve your place.**

For more information please contact our Biomedical Engineering Research Coordinator, Dr. Paul Joseph

E-mail: paul.joseph@mirc.gatech.edu

Phone: (678) 796-3606



**Georgia Tech**

Nanotechnology Research Center