

NANOFANS FORUM

(Focusing on Advanced Nanobio Systems)

“Bridging Biology and Nanotechnology”

You are cordially invited to participate in the 2009 Fall Meeting of the NANOFANS FORUM to be held on Wednesday, November 18, 2009 from 11:00 am-2:00 pm.

A box lunch is included at no cost to the participants



Professor Bellamkonda is a Professor of Biomedical Engineering at Georgia Tech-Emory University. He also serves as Deputy Director of Research GTEC, and is a Georgia Cancer Coalition Distinguished Scholar. His research interests are in the area of Neural Tissue Engineering, Targeted Drug Delivery for Brain Tumor Therapy, Peripheral & Central Nerve Regeneration.



Prof. Robert Dickson is a Professor of Chemistry at the School of Chemistry & Biochemistry at Georgia Tech. His current area of interests are: Single molecule spectroscopy, fluorescence and Raman microscopy, laser spectroscopy and dynamics, nanoparticle synthesis and photophysics, optical data storage, and biolabeling.



Prof. Christine Payne is a professor at the School of Chemistry and Biochemistry at the Georgia Tech. Her research interests are in the area of Reaction Dynamics within a Cell, Intracellular delivery of nanoparticles, and Fluorescence microscopy in challenging environments. She recently received an NIH 2009 Director's New Innovator Award.



Prof. Phil Santangelo is a Professor of Biomedical Engineering at Georgia Institute of Technology and Emory University. His research interests are in the area of infectious disease, molecular imaging, nano-biophotonics, and optical microscopy

AGENDA

Event Focus: “Nanotechnology in Medical Imaging”

- 11:00 - 11:05 - Welcome: Dr. James Meindl (Director, NRC)
- 11:05 - 11:10 - Speaker Introductions
- 11:10 - 11:50 - **Prof. Ravi Bellamkonda**
“Novel Contrast Nanocarriers for CT Angiography and Personalized Cancer Diagnosis and Therapy”
- 11:50 - 12:30 - **Prof. Robert Dickson**
“Ag nanodots for Fluorescence Imaging in High Background”
- 12:30 - 12:40 - Break
- 12:40 - 1:20 - **Prof. Christine Payne**
“Intracellular Delivery of Quantum Dots for Live Cell Imaging”
- 1:20 - 2:00 - **Prof. Phil Santangelo**
“Single-molecule Sensitive Probes for Imaging RNA in live cells”

Location:

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

Please RSVP by November 11, 2009 to make your reservations.

For more information please contact
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