

2nd Brown-URI Workshop in Nanoscience and Nanotechnology

Imaging

April 10, 2009

9:00am – 12:00noon

Bliss Hall Conference Room, URI

- Jay Tang (Physics, Brown University)
Surface and Near Surface Imaging with a Combined AFM and TIRF Microscopy Approach
- Kay Park (Mechanical Engineering, URI):
Nanoscale Thermal Imaging and Analysis using Scanning Thermal Microscopy (SThM)
- Rashid Zia (Engineering, Brown University)
The Laboratory for Subwavelength Optics: Near-field and nanoscale imaging.
- Arun Shukla (Mechanical Engineering, URI)
High Speed Imaging for Ballistic and Blast Loading Applications
- Annette Von Dem Bussche (Pathobiology, Brown University)
Application of imaging techniques and study of CNT-cellular interactions
- Radha Narayanan (Chemistry, URI)
Imaging Tools for Studying Nanocatalytic Restructuring and Growth Mechanisms of Metal Nanoparticles of Different Shapes
- Christoph Rose-Petruck (Chemistry, Brown University)
High-resolution, holographic x-ray imaging of livers and nano-particle labeled liver tumors
- Arijit Bose (Chemical Engineering, URI)
Direct Imaging of Soft Nanomaterials