



REU Presentations at IPAM

Wednesday, August 5, 2009

Location: IPAM Room 1200

Schedule:

- 10:00 Dimension Reduction in Hyperspectral Images
- 10:30 Multi-modal Image Registration
- 11:00 Atomic Force Microscopy: Algorithms for Boundary Tracking
- 11:30 Modeling Gang Rivalries and Territories in Hollenbeck

- 12:00 Lunch & Group Photos

- 1:30 Using Differential Equations to Model Cloud Behavior
- 2:00 Dynamics of Mudslides
- 2:30 Vortex Tracking in Numerical Simulations of Fluid-Structure Interaction
- 3:00 Identifying Blood Vessels within Images of Placentas
- 3:30 Mathematical Modeling of Alzheimer's Disease
- 4:00 Tetrahedral Mesh Morphology and Analysis