

PCAMM Schedule – December 3, 2005

9:00 AM - 10:00 AM Registration/Coffee

10:00 AM - 12:00 PM Morning Session (4 talks)

Neil Branda

"Recent Progress in Photoresponsive Molecular Switches"

Natia Frank

The Design of Photomagnetic and Organic
Spintronic Materials"

Dan Bizzotto

"The Electrochemical Formation of a Pt/Zn Alloy and Its Use as
a Catalyst for Oxygen Reduction Reaction in Fuel Cells"

Chris Papadopoulos

"Carbon Nanotube Electronics: Prospects and Challenges"

12:00 PM - 2:00 PM Lunch / Poster Session

2:00 PM - 3:00 PM Afternoon Session A (2 talks)

G. Sawatzky

"Charge and spin density waves directly observed with
resonant soft x ray scattering"

P. Mooney

"Strain Relaxation Mechanisms in SiGe/Si Structures"

3:00 PM - 3:30 PM Coffee break

3:30 PM - 5:00 PM Afternoon Session B (3 talks)

Jeff Young

"Nonlinear optics in 3D photonic crystal microcavities"

Steve Dodge – Title TBA

Keng Chang Chou

"Polymer surface glass transition and chain-relaxation studied
by polarization modulation IR-visible sum frequency
generation"

Talks will be 30 minutes each, 25 minutes with 5 minutes for questions.