

# University of New Hampshire

# Materials Science Workshop

October 13, 2004

## Posters

*"Nanotemplate Fabrication using Functionalized Fullerenes,"* Glen P. Miller and Jonathan Briggs.

*"Bis- and Tris[60]Fullerene Adducts of Soluble Acenes,"* Glen P. Miller and Jonathan Briggs.

*"Control of Nanostructure in Synthetic Latex Particles",* Jeffrey Stubbs and Donald Sundberg.

*"Dynamics of Phase Separation and Morphology Development in Composite Latex Particles",* Jeffrey Stubbs and Donald Sundberg.

*"Ion Beam Assisted Deposition of Thin Films",* James Harper, Ann Marie Shover and Aaron Torok.

*"Resistivity of Metal-Insulator Composites (Cu-SiO<sub>2</sub>)",* N. Dellas and J. Harper.

*"Interconnect Processing Enhancement by Measurement of Nanoscale Dielectric Constant Degradation and Development of Experimentally Verified Models of Nanoscale Deformation",* Todd S. Gross, Igor I. Tsukrov, Vasyi Grychanyuk and Shaoning Yao.

*"An Atmospheric Chemical Vapor Deposition Process for Silicon Nitride Thin Films for Solar Cell Applications",* Christopher B. Blais and Carmela Amato-Wierda.

*"Does the Triplet State Play a Role in Delayed Ionization of Carbon-60?"* O. Echt, S. Yao, R. Deng, and K. Hansen.

*"Dynamic Jahn-Teller Effects in Isolated Carbon-60 Anions Studied by Near-Infrared Spectroscopy in a Storage Ring",* S. Tomita, J. U. Andersen, E. Bonderup, O. Echt, K. Hansen, P. Hvelplund, Bo Liu, S. Brøndsted Nielsen, U.V. Pedersen, and J. Rangama.

*"Fluorescence Detection for the Analytical Ultracentrifuge",* Thomas Laue and Jonathan Kingsbury.

*"Vacuum Tribology of TiC-Ag and HfC-Ag Thin Films Deposited by Magnetron Sputtering and Pulsed Laser Deposition",* James Krzanowski and Jose Endrino.

*“Loss Measurement (tan delta) by Differential Mass Analysis for Measurement of Elastomer Cure State”, Amit Kaulgud.*