SCIENCE at the Edge Seminars

FALL SEMESTER 2002 MICHIGAN STATE UNIVERSITY

Seminars begin at 11:30 a.m., Refreshments served at 11:15 a.m.

Friday, September 6 - Campus Theory Seminar, Room 1400 Biomedical Physical Sciences
   Rodney J. Bartlett, University of Florida
   Predictive Theory from Molecules to Materials

Friday, September 13 - Engineering Seminar, Room 1400 Biomedical Physical Sciences
   Eric W. Kaler, University of Delaware
   Colloidal Scale Engineering

Friday, September 20 - Campus Theory Seminar, Room 208 Biochemistry
   Sharon Glotzer, University of Michigan
   Clusters Observed in Molecular Dynamics Simulations

Friday, September 27 - Center for Biological Modeling, Room 1400 Biomedical Physical Sciences
   Andrej Sali, The Rockefeller University, New York
   Modeling Structures of Proteins and Protein Assemblies

Friday, October 4 - Engineering Seminar, Room 1400 Biomedical Physical Sciences
   Matt Tirrell, University of California at Santa Barbara
   Creating Functional Biomolecular Architectures at Interfaces

Friday, October 11 - Center for Biological Modeling, Room 1400 Biomedical Physical Sciences
   Wilma Olson, Rutgers University-Busch Campus
   DNA Structure and Gene Regulation

Friday, October 18 - Campus Theory Seminar, Room 1400 Biomedical Physical Sciences
   Elaine Oran, Naval Research Labs, Washington, DC
   Matchsticks, Scramjets, and Black Holes: Numerical Simulation Faces Reality

Friday, October 25 - Engineering Seminar, Room 1400 Biomedical Physical Sciences
   Tim Hogan, Michigan State University
   Superconductor Nanowire Growth and Applications

Friday, November 1 - Center for Biological Modeling, Room 1400 Biomedical Physical Sciences
   Dorothee Kern, Brandeis University
   Enzymes in Action in the NMR Tube: Protein Dynamics During Catalysis and Signaling

Friday, November 8 - Center for Biological Modeling, Room 1425 Biomedical Physical Sciences
   Michael Garavito, Michigan State University
   How Structural Genomics and Bioengineering Have Remade Biochemistry in the 21st Century

Friday, November 15 - Engineering Seminar, Room 1400 Biomedical Physical Sciences
   Peter X. Ma, University of Michigan
   Materials Science Tricks for Tissue Repair

Friday, November 22 - Campus Theory Seminar, 1400 Biomedical Physical Sciences
   Mark Bowick, Syracuse University
   Order on Curved Surfaces: Viruses, Vesicles and Multi-electron Bubbles

Seminar Organizers:

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