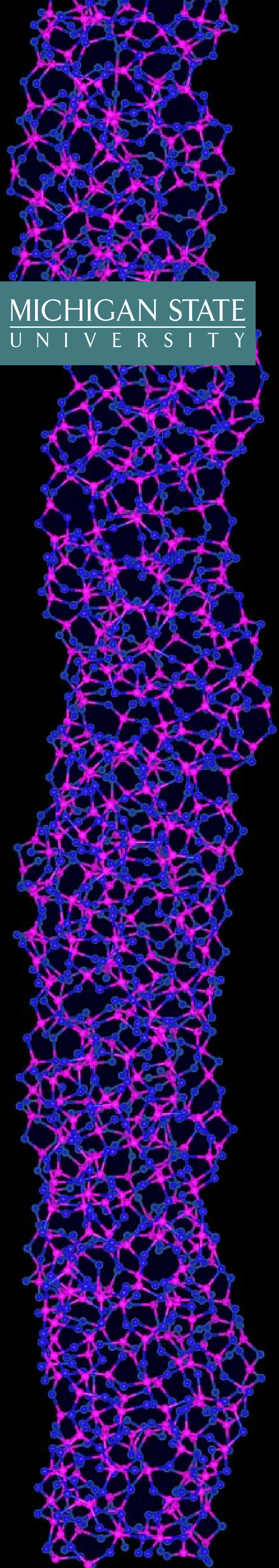

MICHIGAN STATE
UNIVERSITY

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:

Michael E. Mackay, Department of Chemical Engineering and Material Science
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