



Recent Developments in Computer Simulation Studies in Condensed Matter Physics

February 23-27, 2009

This annual workshop series highlights recent advances in applications, algorithms, and parallel implementations of computer simulation methods for the study of condensed matter systems. Topics of interest include Monte Carlo, molecular dynamics, and other numerical studies of such physical problems as materials growth, structural and magnetic phase transitions, polymers, surfaces. Workshop participants will have access to The University of Georgia heterogeneous, high performance computer complex. Graduate student participation is encouraged, and some travel support for graduate students/postdocs is available.

Invited Speakers include:

Michael Bachmann	University of Leipzig
Michal Bajdich	North Carolina State University
Wolfgang Christian	Davidson College
Valentino Cooper	Oak Ridge National Laboratory
Naoki Kawashima	University of Tokyo
Sara Mason	NIST
Clare McCabe	Vanderbilt University
Andrey Milchev	Bulgarian Academy of Science
David Sholl	Georgia Institute of Technology
William Swope	IBM Almaden
Francesca Tavazza	NIST
Martin Weigel	University of Mainz

A limited amount of time will also be reserved for short, contributed talks.

Sponsored by the Center for Simulational Physics, The University of Georgia