Recent Developments in Computer Simulation Studies in Condensed Matter Physics

February 19-23, 2018

This annual workshop series highlights advances in applications, algorithms, and parallel implementations of computer simulation methods for the study of condensed matter systems. Topics of interest include, but are not limited to, Monte Carlo, molecular dynamics, and other numerical studies of material growth, structural and magnetic phase transitions, polymers, surfaces and interfaces, strongly correlated electron systems and exotic quantum phases, granular flow, diffusion, membranes and protein folding. Graduate student participation is encouraged.

Invited Speakers include:

Keiko Aoki . . . . . . . . . . . . . . . . . . Institute of Computational Fluid Dynamics, Tokyo
Marcia Barbosa . . . . . . . . . . Universidade Federal do Rio Grande do Sul
Nikolaos Fytas . . . . . . . . . . Conventry University
Stephen Hellberg . . . . . . . . . . Naval Research Lab
Travis Humble . . . . . . . . . . Oak Ridge National Laboratory
Kurt Kremer . . . . . . . . . . . . . . Max Planck Institute for Polymer Research
Lev Shchur . . . . . . . . . . . . . . Landau Institute for Theoretical Physics
Thomas Speck . . . . . . . . . . . . University of Mainz
Liang Tan . . . . . . . . . . . . . . . . University of Pennsylvania
Greg van Anders . . . . . . . . . . University of Michigan
Arthur Voter . . . . . . . . . . . . . Los Alamos National Laboratory
Matthew Williams . . . . . . . . Murray State University

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