Recent Developments in Computer Simulation Studies in Condensed Matter Physics

February 17-21, 2020

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:

Aniket Bhattacharya . . . . . . University of Central Florida
Robin Cortes-Huerto . . . . Max Planck Institute for Polymer Research
Jerome Delhommelle . . . . . University of North Dakota
Hans Herrmann . . . . . . . . ESPCI Paris
Wolfhard Janke . . . . . . . . . Universität Leipzig
Beth Lindquist . . . . . . . . Los Alamos National Laboratory
Tsuyoshi Okubo . . . . . . . . University of Tokyo
Luiz Felipe C. Pereira . . . Universidade Federal do Rio Grande do Norte
Dennis Rapaport . . . . . . . Bar-Ilan University
Robin Selinger . . . . . . . . Kent State University
Erin Teich . . . . . . . . . . . University of Pennsylvania
Jing Yang . . . . . . . . . . . Massachusetts Institute of Technology

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