



35th Annual Workshop



Recent Developments in Computer Simulation Studies in Condensed Matter Physics

February 21-24 2022

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, nanostructures, strongly correlated electron systems and models of exotic quantum phases. Other areas of interest include interfaces granular flow and other non-equilibrium systems, genomics, membranes and protein folding, free energy determinations, electronic structure, machine learning and novel simulation algorithms. Graduate student participation is encouraged.

The 2022 Workshop will be virtual and participants **MUST** register in order to obtain credentials to be allowed to enter the Zoom link. Registration is at: <https://www.csp.uga.edu/Workshop/2022>

Invited Speakers include:

Amanda Barnard Australian National University
Andrew Ferguson University of Chicago
Gary Grest Sandia National Laboratory
Massimiliano Lupo Pasini . . . Oak Ridge National Laboratory
Satoshi Morita University of Tokyo
Von Braun NascimentoUniversidade Federal de Minas Gerais
Tanja SchillingUniversität Freiburg
Zhiting Tian Cornell University
Maytal TorokerIsrael Institute of Technology

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