



**Recent Developments  
in Computer Simulation Studies  
in Condensed Matter Physics**

**February 24-28, 2025**

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, nanostructures, strongly correlated electron systems and models of exotic quantum phases. Other areas of interest include interfaces, granular flow, active matter, 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.

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