

Schedule of Poster Presentations

Friday, January 9, 2009

Poster Session I

1.	Nandini Ananth <i>Caltech</i>	“Long timescale dynamics using SC-IVR: A time-dependent sampling approach”
2.	Maksym Artomov <i>MIT</i>	“Mechanisms of somatic cells reprogramming to induced embryonic cells”
3.	Jason Brokaw <i>U.C. Berkeley</i>	“Modeling conformational change in biomolecules”
4.	Vasily Bulatov <i>LLNL</i>	“First-passage monte carlo: diffusion without all the hops”
5.	Tatyana Sokolouska <i>University of British Columbia</i>	“Effects in nematic solvents as a result of critical molecular correlations”
6.	Kateri Dubay <i>U.C. Berkeley</i>	“Side-chain disorder and correlation within the natively-folded protein”
7.	Brian Gin <i>U.C. Berkeley</i>	“Protein folding and evolution with lattice models”
8.	Evan Hohlfeld <i>U.C. Berkeley</i>	“Stochastic simulation of a growing, compressed actin gel”
9.	Kevin Kohlstedt <i>Northwestern University</i>	“Chirality in nature: Using electrostatic forces to generate chiral symmetry”
10.	Austen Angell <i>Arizona State University</i>	““Ideal” glassformers ($T_m < T_g$): evaluation of prospects by “potential tuning” MD studies and experiments”
11.	Lutz Maibaum <i>U.C. Berkeley</i>	“Simulating lipid bilayers on large length scales”
12.	Hyung Min Cho <i>U.C. Berkeley</i>	“A new multiscale coarse-grain methodology: The self consistent force-matching method”
13.	Jeetain Mittal <i>NIH</i>	“Static and dynamic correlations in water at hydrophobic interfaces”
14.	Amish Patel <i>U.C. Berkeley</i>	“Modeling the hydrophobic effect by coupling solutes to a lattice gas”
15.	Guohua Tao <i>U.C. Berkeley</i>	“Semiclassical description of quantum coherence and decoherence in condensed phase chemical systems”
16.	Ari M. Turner <i>U.C. Berkeley</i>	“Magnetically striped metals”
17.	Patrick Varilly <i>U.C. Berkeley</i>	“Towards a mechanism for the evaporation of water”
18.	Nikolaos Voulgarakis <i>U.C. Berkeley</i>	“Bridging fluctuating hydrodynamics and molecular dynamics simulations of fluids”

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The 2009 Berkeley Mini Statistical Mechanics Meeting January 9-11, 2009

19.	Adam Willard <i>U.C. Berkeley</i>	“Fluctuations of water at the hydrophobic interface”
20.	Wei Zhuang <i>U.C. Berkeley</i>	“Toward a Energy Conserving EVB model of proton transfer”
21.	Margaret Johnson <i>U.C. Berkeley</i>	“Hydration water dynamics near biological interfaces”
22.	Marimuthu Krishnan <i>Oak Ridge National Lab</i>	“Response of small-scale rotors to protein-ligand binding”

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The 2009 Berkeley Mini Statistical Mechanics Meeting January 9-11, 2009

Saturday, January 10, 2009

Poster Session II

1.	Andy Ballard <i>University of Maryland</i>	“Replica Exchange using nonequilibrium switching moves”
2.	William K. Browne <i>U.C. Berkeley</i>	“Interfacial amino acid orientation at hydrophobic interfaces”
3.	Joyce Noah-Vanhoucke <i>U.C. Berkeley</i>	“Electric field fluctuations at air-water interfaces”
4.	Artur Menzeleev <i>Caltech</i>	“Classical isomorphic model for the injection of an excess electron into liquid water”
5.	Andrej Kosmrlj <i>MIT</i>	“How the thymus designs antigen-specific, yet cross-reactive, T cell receptor sequences”
6.	Carl Rogers <i>U.C. Berkeley</i>	“Nucleation barriers in a model of chaperonin self-assembly”
7.	John D. Chodera <i>U.C. Berkeley</i>	“Efficient estimators for extracting information from multiple equilibrium and nonequilibrium experiments and computer simulations”
8.	Yael Elmatad <i>U.C. Berkeley</i>	“Non-singular collapse of supercooled liquid transport data”
9.	Lester Hedges <i>U.C. Berkeley</i>	“Dynamic Order-Disorder in Atomistic Models of Structural Glass-Formers I”
10.	Rob Jack <i>University of Bath</i>	“Dynamic Order-Disorder in Atomistic Models of Structural Glass-Formers II”
11.	Juan Garrahan <i>University of Nottingham</i>	“Two-dimensional molecular random tilings”
12.	Kafui Tay <i>U.C. Berkeley</i>	“Curious behavior of hydrated electron diffusion”
13.	David Sivak <i>U.C. Berkeley</i>	“Nanometer-scale DNA bending elasticity”
14.	Thomas Young <i>San Jose State University</i>	“Water's molecular structure and its relevance to protein-ligand binding”
15.	David Kelsey <i>U.C. Berkeley</i>	“Coarse-graining catalysis”
16.	Asaph Widmer-Cooper <i>U.C. Berkeley</i>	“Modeling the self-assembly of rod-shaped nanoparticles for solar energy applications”
17.	Bin Zhang <i>Caltech</i>	“Competing pathways through the Sec channel: Protein translocation versus membrane integration”
18.	Jian Liu <i>U.C. Berkeley</i>	“Quantum dynamical effects in water: Semiclassical approach”
19.	Michael Hagan <i>Brandeis University</i>	“The role of the packaged cargo in viral capsid assembly.”
20.	Graziano Vernizzi <i>Northwestern University</i>	“Faceting ionic shells via electrostatics”

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21.	JiYeon Ku <i>U.C. Berkeley</i>	“Self-assembly of magnetic nanocrystals in evaporating solution”
22.	Jeremy Schmit <i>U.C. San Francisco</i>	“A thermodynamic model of amyloid fibrils and oligomers”

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