Fourteenth West Coast Statistical Mechanics Conference

23 May 1988

Welcome by Provost Raymond L. Orbach

H. Reiss, presiding

Joseph Rudnick (UCLA)	The winding angles of self-avoiding random walks
Robert Cantor (Dartmouth)	Statistical thermodynamics of chain packing in monolayers
Ray Orbach (UCLA)	Dynamics of fractal networks
J. Naghizadeh (UCSF)	Comparison of the theories of chain molecules at interfaces
Roy Pollack (LLNL)	Simulation studies of superfluid ^{4}He films

W. M. Gelbart, presiding

P. D. Gujrati (U of Akron)	Generalized Nernst's theorem and its consequences
Bill Hoover (LLNL)	Lyapunov's spectra
Lloyd L. Lee (U of Ok) and Katherine S. Shing (USC)	A test-particle approach to the zero-separation theorems of correlation functions
Daniel Calef (LLNL)	Dynamics of solvation in polar fluids
Adolph Beverlein and A. L. Kholodenko (Clemson U)	Strong coupling solution of the asymmetric electrolyte problem
Douglas Henderson (IBM - San Jose) and Michael Plischke (Simon Fraser U)	Pair correlation functions of inhomogeneous coulomb fluids
A. D. J. Haymet and T. Ichiye (UCB)	Integral equation theory for the central force model of liquid water and ionic solutions

C. M. Knobler, presiding

John Rowlinson (Oxford)

John Wheeler and L. René Corrales (UCSD)

David S. Cannell and Giovanni Dietler (UCSB)

Jeffrey R. Fox and Truman S. Storvick (NBS-Boulder)

Howard Reiss, Pierre Schaaf, and Shi-Qing Wang (UCLA)

Development of the theory of phase transitions (Invited Lecture)

Tetracritical and novel tricritical points in polymers and magnets

Critical behavior of micellar solutions

A field-space conformal-solution method

Statistical geometry of hard spheres

R. L. Scott, presiding

Kent R. Wilson (UCSD)

Ilan Benjamin (UCSD)

Glenn T. Evans (Oregon State)

Julian Talbot, M. P. Allen, G. T. Evans, D. Frenkel, and D. Kivelson (UCLA, Oregon State University)

Pierre Schaaf, J. Talbot and H Reiss (UCLA)

Daniela Fritter, D. Roux, and C. M. Knobler (UCLA)

Reaction mechanism as fluctuation

Molecular dynamics of curve crossing in liquids

Pair diffusion in hard sphere fluids

Evidence for large deviations from kinetic theory in the hard ellipsoid fluid

Kinetics of random sequential adsorption

Computer simulations of breath figures

The Fifteenth West Coast Statistical Mechanics Conference will be held in May 1989 at the Lawrence Livermore Laboratory and anyone interested who is not presently on the mailing list should contact Bill Hoover or Carol Tull for more information at L-794 Department of Applied Science, Lawrence Livermore National Laboratory, Livermore, CA 94550. Bitnet: 764% mfe.mfenet @ anlvms.bitnet.