

NIC Winter School

Computational Soft Matter: From Synthetic Polymers to Proteins

Gustav-Stresemann-Institut,
Bonn, Germany
29 February – 6 March 2004

Scientific Programme

N. Attig, Forschungszentrum Jülich
K. Binder, Johannes Gutenberg-Universität Mainz
H. Grubmüller, Max-Planck-Institut für biophysikalische Chemie, Göttingen
K. Kremer, Max-Planck-Institut für Polymerforschung, Mainz

Overview Lectures

D. Frenkel, M.P. Allen

Polymer Melts and Solutions

J. Baschnagel, B. Dünweg, K. Kremer,
M. Müller, D.N. Theodorou

Surfactants, Membranes and Thin Films

G.S. Grest, A.E. Mark,
O.G. Mouritsen, F. Schmid

Liquid Crystals

M.P. Allen

Polyelectrolytes

Ch. Holm

Biopolymers, including Proteins

A. Grosberg, H. Grubmüller, K. Schulten

