



"Soft-Matter Seminar"

Hydrodynamic effects on phase separation in multicomponent membranes

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Abstract:

Lipid membranes can be considered to be two-dimensional viscous liquids embedded in a three-dimensional bulk fluid. In this talk, I will present our work on the effect of the bulk fluid on the dynamics of multicomponent membranes. Within this theme, I will focus on concentration fluctuations (above T_c) and phase separation (below T_c), investigated using a combination of theory and simulations.

Mittwoch, den 9.2.2011
16:00 Uhr
Raum PH 3344

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