

Joint NTZ-SFB/TRR 102 Kolloquium

Am Donnerstag, dem 28.11.2013 um 17:00 Uhr spricht

Prof. Dr. Michael Allen
(University of Warwick, UK)

über

Computer simulation of peptide adsorption

Abstract:

In this talk I shall describe some of our recent work attempting to simulate the statistical mechanical properties of very simple models of polymers and peptides, both in isolation and in the vicinity of surfaces. Some of these methods are well known, and some derived from groundbreaking work in other groups; some aspects, such as the treatment of single-surface adsorption, differ in a few details. I shall summarize the results that we have obtained using lattice models, and set out our preliminary simulations using off-lattice models, setting some of the work in the context of a larger programme of research focusing on the role of peptides on biomineralization.

Ort: Kleiner Hörsaal, Linnéstraße 5

Alle Teilnehmer sind ab 16:30 Uhr zu Kaffee und Gebäck in die Aula eingeladen.