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“Alignment, Mass Selection and Pattern Formation in Models for Bacterial Aggregation”

Myxobacteria align and aggregate under starvation conditions to survive in so-called fruiting bodies. Experiments suggest that the interaction and communication between these bacteria is upon contact and by exchange of surface bound signals. Models for local interaction between these bacteria are presented and analyzed with respect to the experimentally observed patterns which occur during the process of self-organization.

Dienstag, 03. November 2009, 15.00 c.t.

Gebäude E2 6, Seminarraum E.04

Alle Interessenten sind herzlich eingeladen.

Die Sprecher des Graduiertenkollegs
Manfred Lücke und Ludger Santen

**Strukturbildung und Transport
in komplexen Systemen**