
Technikerstraße 13/7
A-6020 Innsbruck
Telefon: +43 512 507 6071 oder 6097

E-Mail: mathematik@uibk.ac.at
<http://www.uibk.ac.at/mathematik/>
Fax: +43 512 507 2920

MATHEMATIKKOLLOQUIUM

Das Institut für Mathematik lädt zu folgendem Vortrag ein:

Christian Schmeiser

Mathematische Fakultät, Universität Wien

Friction in the cytoskeleton as a macroscopic limit of the activity of cytoskeletal proteins

The mechanical stability of polymer networks in the cytoskeleton relies on the action of cross-linking proteins and transmembrane proteins creating adhesion to the substrate. It will be demonstrated that their averaged effect can be described as friction, when cross-linking and adhesion molecules are assumed as elastic and when their building and breaking are described as stochastic processes.

Zeit: Donnerstag, den 24. Februar 2011 um 16:15 Uhr

Ort: Bauing.-Gebäude, Technikerstraße 13, HSB 6

Gäste sind herzlich willkommen!

Lukas Neumann