



18.S995 Mathematical Concepts in Biology and Biophysics

MW 11-12.30 in 2-135

Instructor: Jörn Dunkel

Topics:

- diffusion processes & Brownian motors
- stochastic resonance & fluctuation theorems
- statistical description of polymers & membranes
- PDE models of structure and pattern formation
- hydrodynamics & microbial locomotion
- biological networks

If you have questions about this course, please contact dunkel@mit.edu

