Seminar room SR 16 - Department Prof. C. Schmidt [Section F, 2nd Floor, Room F02.125],
Faculty of Physics, Friedrich-Hund-Platz 1, 37077 Göttingen

Current Topics in Biophysics

Lecture Series offered by the GGNB doctoral program "Physics of Biological and Complex Systems"

WS 14/15 Friday 10.15 – 11.45 a.m.

31.10.2014	Eleni Katifori, PhD, MPI Dynamics and Self-Organization *The geometry and topology of complex biological systems*
07.11.2014	Dr. Iwan A.T. Schaap, IIIrd Institute of Physics *Atomic force microscopy*
14.11.2014	Prof. Dr. Helmut Grubmüller, MPI Biophysical Chemistry *Molecular dynamics simulations of complex systems*
21.11.2014	Dr. Johannes Soeding, MPI Biophysical Chemistry *Introduction to protein fold recognition and homology modeling*
28.11.2014	Prof. Dr. Sarah Köster, Institute for X-Ray Physics *Microfluidic ways to tackle biophysical problems*
05.12.2014	Prof. Dr. Martin Suhm, Institute of Physical Chemistry *FTIR-Spectroscopy and -Microscopy*
12.12.2014	Prof. Dr. Marcus Müller, Institute for Theoretical Physics *Coarse-grained simulation of collective phenomena in membranes*
09.01.2015	Prof. Dr. Tim Salditt, Institute for X-Ray Physics *Active membranes*
16.01.2015	Prof. Dr. Marc Timme, MPI Dynamics and Self-Organization *Neural circuits computing by heterogeneities - selective inhibition in olfactory processing*
23.01.2015	Dr. Michael Habeck, Institute for Mathematical Stochastics *Computational methods in biomolecular structure determination*
30.01.2015	Prof. Dr. Stephan Herminghaus, MPI Dynamics and Self-Organization *Dynamic instabilities in microbial mats: Imprints of early life in the fossil record*
06.02.2015	Dr. Thomas Burg, MPI Biophysical Chemistry *Microdevices for biophysical measurements*