

Current Topics in Biophysics

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

WiSe 2016 Friday 10.15 – 11.45 a.m.

21.10.2016	Prof. Dr. Marc Timme, MPI Dynamics and Self-Organization <i>Selective Connectivity enables Nonlinear Signal Processing</i>
28.10.2016	Dr. Karen Alim, MPI Dynamics and Self-Organization <i>Self-Organization by Fluid Flow</i>
04.11.2016	Dr. Jochen Hub, Molecular Structural Biology <i>Molecular Simulations in Membrane Biophysics</i>
11.11.2016	Prof. Dr. Christoph F. Schmidt, Illrd Institute of Physics <i>Statistical Physics of Active Matter in Biology</i>
18.11.2016	Dr. Johannes Soeding, MPI Biophysical Chemistry <i>Introduction to Protein Fold Recognition and Homology Modeling</i>
25.11.2016	Prof. Dr. Bert de Groot, MPI Biophysical Chemistry <i>Collective Dynamics</i>
02.12.2016	Prof. Dr. Ulrich Parlitz, MPI Dynamics and Self-Organization <i>Nonlinear Time Series Analysis</i>
09.12.2016	Dr. Sebastian Kruss, Institute for Physical Chemistry <i>Fluorescent Biosensing</i>
16.12.2016	Dr. Michael Wilczek, MPI Dynamics and Self-Organization <i>Introduction to Turbulence</i>
13.01.2017	Prof. Dr. Florentin Wörgötter, Illrd Institute of Physics <i>Human Action- and Object-Understanding</i>
20.01.2017	Dr. Michael Habeck, Institute for Mathematical Stochastics <i>Bayesian Modeling of Biomolecular Structures</i>
27.01.2017	Dr. Katrin Willig, Center for Nanoscale Microscopy and Molecular Physiology of the Brain <i>Super-Resolution Applied to Neuroscience: STED Microscopy of the Living Mouse Brain</i>
03.02.2017	Dr. Thomas Burg, MPI Biophysical Chemistry <i>Microdevices for Biophysical Measurements and Microscopy</i>

