

Current Topics in Biophysics

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

SoSe 2017 Friday 10.15 – 11.45 a.m.

Open to all interested
students and PhD candidates

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| 21.04.2017 | Dr. Florian Rehfeldt, Illrd Institute of Physics
<i>Cell and matrix mechanics</i> |
| 28.04.2017 | Dr. Melina Schuh, MPI Biophysical Chemistry
<i>A method for the acute and rapid degradation of endogenous proteins</i> |
| 05.05.2017 | Prof. Dr. Markus Zweckstetter, MPI Biophysical Chemistry
<i>NMR spectroscopy of intrinsically disordered proteins</i> |
| 12.05.2017 | Prof. PhD Alec M. Wodtke, MPI Biophysical Chemistry
<i>Mid-infrared laser-induced fluorescence with nanosecond time resolution using a superconducting nanowire single photon detector: New technology for molecular science</i> |
| 19.05.2017 | Prof. Dr. Marina Bennati, MPI Biophysical Chemistry
<i>Electron spins as probes for studies of structure and function in biomolecules</i> |
| 02.06.2017 | Dr. Herre Jelger Risselada, Institute for Theoretical Physics
<i>Coarse-grained molecular dynamics simulations of bio materials</i> |
| 09.06.2017 | Prof. Dr. Reinhard Jahn, MPI Biophysical Chemistry
<i>Membrane fusion</i> |
| 16.06.2017 | Dr. Oliver Bäumchen, MPI Dynamics and Self-Organization
<i>Micropipette force spectroscopy in biophysics</i> |
| 23.06.2017 | Dr. Isabella Guido, MPI Dynamics and Self-Organization
<i>Interaction between living systems and electric field</i> |
| 30.06.2017 | Prof. Dr. Jörg Enderlein, Illrd Institute of Physics
<i>Advanced and super-resolution fluorescence microscopy</i> |
| 07.07.2017 | Prof. Dr. Andreas Janshoff, Institute for Physical Chemistry
<i>Atomic force microscopy in the life sciences</i> |
| 14.07.2017 | Prof. Dr. Claudia Steinem, Institute for Organic and Biomolecular Chemistry
<i>Electrochemical methods</i> |

