

# Current Topics in Biophysics and Complex Systems

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

SoSe 2026 Monday 10:15 – 11:45 a.m.

- 13.04.2026 Prof. Dr. Reinhard Jahn, MPI for Multidisciplinary Sciences  
*Membrane Fusion*
- 20.04.2026 Prof. Dr. Timo Betz, Third Institute of Physics  
*Mechanics of Reconstituted Muscle and Connective Tissue*
- 27.04.2026 Prof. Dr. Helmut Grubmüller, MPI for Multidisciplinary Sciences  
*Proteins at Work: Atomistic Simulation of Complex Systems*
- 04.05.2026 Prof. Dr. Riccardo Mata, Institute of Physical Chemistry  
*Proton Dynamics and their Role in Enzyme Catalysis*
- 11.05.2026 Prof. Dr. Stefan Klumpp, Institute for the Dynamics of Complex Systems  
*Physics of Bacterial Motility*
- 18.05.2026 Dr. Michael Fauth, Third Institute of Physics  
*Stable Function in an Unstable Brain - from Molecules to Networks*
- 01.06.2026 Prof. Dr. Jörg Enderlein, Third Institute of Physics  
*Advanced Fluorescence Microscopy*
- 08.06.2026 Dr. Philip Bittihn, MPI for Dynamics and Self-Organization  
*Dynamics and Self-Organization in Multicellular Systems*
- 15.06.2026 Prof. Dr. Peter Jomo Walla, TU Braunschweig  
*Fluorescence Correlation, Polarization, Lifetime and Molecular Energy Transfer*
- 22.06.2026 Prof. Dr. Florentin Wörgötter, Third Institute of Physics  
*How Animals can Learn that Toadstools are Poisonous: Unsupervised Learning of Feature Combinations*
- 29.06.2026 Dr. Loren Andreas, MPI for Multidisciplinary Sciences  
*Magic-Angle Spinning NMR Spectroscopy*
- 06.07.2026 Prof. Dr. Fred Wolf, Göttingen Campus Institute for Dynamics of Biological Networks  
*Design and Dynamics of Sensory Systems*

Open to all interested  
students and PhD candidates!  
Registration by email to  
[imprs-pbcs@gwdg.de](mailto:imprs-pbcs@gwdg.de)  
appreciated

