

Current Topics in Biophysics and Complex Systems

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

WiSe 2026/27 Monday 10:15 – 11:45 a.m.

Open to all interested
students and PhD candidates!
Registration by email to
imprs-pbcs@gwdg.de
appreciated

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- 26.10.2026 Prof. Dr. Sarah Köster, Institute for X-Ray Physics
Soft, yet Stable – the Physics of the Cytoskeleton
- 02.11.2026 Dr. Andreas Neef, Göttingen Campus Institute for Dynamics of Biological Networks
Evolution of Precise Stimulus Encoding by Populations of Neurons
- 09.11.2026 Prof. Dr. Jan Huiskens, Johann-Friedrich-Blumenbach Institute for Zoology & Anthropology
Flamingo: Modular, Portable, High-End Microscopy Inside and Outside the Lab
- 16.11.2026 Jun.-Prof. Dr. Nadja A. Simeth-Crespi, Institute of Organic and Biomolecular Chemistry
Molecular Tools to Probe Structure and Function of Biomolecules
- 23.11.2026 Prof. Dr. Bert de Groot, MPI for Multidisciplinary Sciences
Collective Dynamics
- 30.11.2026 Prof. Dr. Christian Tetzlaff, Institute for Neuro- and Sensory Physiology
Computational Models of Synaptic Dynamics: from Molecules to Neural Networks
- 07.12.2026 Dr. Stefano Villa, MPI for Dynamics and Self-Organization
Phase Transitions of Active Systems: The Dynamical State of Cell Tissues
- 14.12.2026 Prof. Dr. Claudia Steinem, Institute of Organic and Biomolecular Chemistry
Fluorescence Spectroscopy for Biophysicists
- 11.01.2027 Dr. Gražvydas Lukinavičius, MPI for Multidisciplinary Sciences
Fluorescent Probes for Live-Cell Imaging
- 18.01.2027 Prof. Dr. Wolfram-Hubertus Zimmermann, Institute of Pharmacology and Toxicology
Building Muscle for Heart Repair
- 25.01.2027 Prof. Dr. Christian Griesinger, MPI for Multidisciplinary Sciences
Dynamics and Mechanisms for Neuroprotection from NMR Spectroscopy
- 01.02.2027 Dr. Peter Lénárt, MPI for Multidisciplinary Sciences
Imaging from the Nanoscale to Whole Organisms