

Current Topics in Biophysics and Complex Systems

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

WiSe 2025/26 Monday 10:15 – 11:45 a.m.

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| 03.11.2025 | Prof. Dr. Tim Salditt, Institute for X-Ray Physics
<i>Multiscale Structure Analysis of Heart Muscle</i> |
| 10.11.2025 | Dr. Sarah Loos, MPI for Dynamics and Self-Organization
<i>From Bits to Joules: Heat, Entropy, and Information at the Microscale</i> |
| 17.11.2025 | Dr. Aljaz Godec, MPI for Multidisciplinary Sciences
<i>Nonequilibrium Physics, one Trajectory at a Time</i> |
| 24.11.2025 | Dr. Suropriya Saha, MPI for Dynamics and Self-Organization
<i>Pattern Formation in Number Conserving Active Systems</i> |
| 01.12.2025 | Dr. Andreas Neef, Göttingen Campus Institute for Dynamics of Biological Networks
<i>Evolutionary Shifts in the Nervous System from Lancelets to Humans</i> |
| 08.12.2025 | Jun.-Prof. Dr. Nadja A. Simeth-Crespi, Institute of Organic and Biomolecular Chemistry
<i>Molecular Tools to Probe Structure and Function of Biomolecules</i> |
| 15.12.2025 | Prof. Dr. Viola Priesemann, MPI for Dynamics and Self-Organization
<i>Predictive Processing and Information Flow in Living Neural Networks</i> |
| 12.01.2026 | Dr. Gražvydas Lukinavičius, MPI for Multidisciplinary Sciences
<i>Fluorescent Probes for Live-Cell Imaging</i> |
| 19.01.2026 | Prof. Dr. Wolfram-Hubertus Zimmermann, Institute of Pharmacology and Toxicology
<i>Building Muscle for Heart Repair</i> |
| 26.01.2026 | Prof. Dr. Christian Griesinger, MPI for Multidisciplinary Sciences
<i>NMR Spectroscopy to Reveal Mechanisms of Neurodegeneration and Detection</i> |
| 02.02.2026 | Prof. Dr. Bert de Groot, MPI for Multidisciplinary Sciences
<i>Collective Dynamics</i> |
| 09.02.2026 | Prof. Dr. Sarah Köster, Institute for X-Ray Physics
<i>X-Ray Imaging of Biological Matter</i> |

Open to all interested
students and PhD candidates!

Registration by email to
imprs-pbcs@gwdg.de
appreciated

