

Current Topics in Biophysics and Complex Systems

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

SoSe 2023 Monday 10:15 – 11:45 a.m.

- 17.04.2023 Dr. David Zwicker, MPI for Dynamics and Self-Organization
The Physics of Droplets in Biological Cells
- 24.04.2023 Prof. Dr. Bert de Groot, MPI for Multidisciplinary Sciences
Collective Dynamics
- 08.05.2023 Dr. Andrej Vilfan, MPI for Dynamics and Self-Organization
Physics of Biological and Artificial Cilia
- 15.05.2023 Prof. Dr. Florentin Wörgötter, Third Institute of Physics
Bootstrapping Concept Formation in Small Neural Networks
- 22.05.2023 Dr. Peter Lénárt, MPI for Multidisciplinary Sciences
Imaging Live Cells and Organisms by Fluorescence-Based Microscopies
- 05.06.2023 Dr. Michael Fauth, Third Institute of Physics
Models for Stable Memories in a Dynamic Brain
- 12.06.2023 Dr. Aljaz Godec, MPI for Multidisciplinary Sciences
Nonequilibrium Physics, one Trajectory at a Time
- 19.06.2023 Prof. Dr. Fred Wolf, Göttingen Campus Institute for Dynamics of Biological Networks
Dynamical Systems Challenges in Biological Networks
- 26.06.2023 Dr. Maxim Igaev, MPI for Multidisciplinary Sciences
Microtubule Assembly as a Molecular Brownian Ratchet: From Atomistic to Super Coarse-Grained Modeling
- 03.07.2023 Dr. Melina Schuh, MPI for Multidisciplinary Sciences
Bioimaging and Image Analysis
- 10.07.2023 PD Dr. Antje Ebert, Cardiology and Pneumology
Conductivity and Contractile Force Generation at the Cellular Level

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

