

Current Topics in Biophysics and Complex Systems

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

SoSe 2022 Monday 10:15 – 11:45 a.m.

- 25.04.2022 Prof. Dr. Holger Stark, MPI for Multidisciplinary Sciences
High-Resolution Structure Determination of Proteins by Cryo-EM
- 02.05.2022 Prof. Dr. Bert de Groot, MPI for Multidisciplinary Sciences
Collective Dynamics
- 09.05.2022 Prof. Dr. Reinhard Jahn, MPI for Multidisciplinary Sciences
Protein-Mediated Fusion of Membranes
- 16.05.2022 Dr. Gholamhossein Bagheri, MPI for Dynamics and Self-Organization
Physics of Exhaled Particles and Airborne Disease Transmission
- 23.05.2022 Dr. Aljaz Godec, MPI for Multidisciplinary Sciences
Physics of Random Searching
- 30.05.2022 Dr. David Zwicker, MPI for Dynamics and Self-Organization
Physics of Phase Separation in Biological Cells
- 13.06.2022 Dr. Stephan Weiss, MPI for Dynamics and Self-Organization
Turbulent Convection in Rotating Systems
- 20.06.2022 Prof. Dr. Christian Tetzlaff, Institute for Neuro- and Sensory Physiology
The Interactions of Adaptive Processes on Different Time Scales: From Neuronal and Synaptic Dynamics to the Emergence of Complex Behaviors
- 27.06.2022 Prof. Dr. Ulrich Parlitz, MPI for Dynamics and Self-Organization
Data Analysis Using Ordinal Patterns
- 04.07.2022 Dr. Melina Schuh, MPI for Multidisciplinary Sciences
Bioimaging and Image Analysis
- 11.07.2022 PD Dr. Antje Ebert, Cardiology and Pneumology
Conductivity and Contractile Force Generation at the Cellular Level
18. 07.2022 Dr. Johannes Zierenberg, MPI for Dynamics and Self-Organization
Understanding Collective Neural Dynamics with Spreading Processes in Complex Networks

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

