

Current Topics in Biophysics

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

Online Lecture

please register your attendance by email to
imprs-pbcs@gwdg.de
Open to all interested
students and PhD candidates !

SoSe 2020 Friday 10:15 – 11:45 a.m.

- 08.05.2020 Dr. Andreas Neef, MPI for experimental Medicine
Information processing in neurons: molecules to networks
- 15.05.2020 Prof. Dr. Sarah Köster, Institute for X-Ray Physics
X-Ray Imaging of Biological Cells
- 29.05.2020 Prof. Dr. Jörg Enderlein, Third Institute of Physics
Advanced Fluorescence Microscopy
- 05.06.2020 Dr. Marco Tarantola, MPI for Dynamics and Self-Organization
Mechanics and dynamics of biological adhesion
- 12.06.2020 Dr. Oliver Baumchen, MPI for Dynamics and Self-Organization
Micropipette force sensors for in vivo force measurements on living cells
- 19.06.2020 Dr. Isabella Guido, MPI for Dynamics and Self-Organization
Biopolymers and motor proteins in biomimetic system
- 26.06.2020 Dr. Steffen Sahl, MPI for Biophysical Chemistry
Fluorescence Nanoscopy: Principles and Applications
- 03.07.2020 Dr. Stefan Glögger, MPI for Biophysical Chemistry
Signal-enhanced magnetic resonance to study biological systems
- 10.07.2020 Dr. David Zwicker, MPI for Dynamics and Self-Organization
The physics of liquid droplets in biological cells
- 17.07.2020 Prof. Dr. Fred Wolf, MPI for Dynamics and Self-Organization
Dynamics and Statistical Physics of Neural Circuits

