

Physics and biomolecular methods in medical research

WS 2018-2019

25.10.2018 – 09.02.2019

Thursday 11.00 – 12.00 a.m. LIFE-Seminar Room

obligatory for PhD in structured supervision and all LIFE-students (PhD, Master, Bachelor, Intern)

Date	Speakers	Lecture
25.10.2018	Dr. Christian Homann	Optical Coherence Tomography (OCT)
08.11.2018	Dr. Adrian Rühm	Interaction light and tissue
15.11.2018	PD Dr. Ronald Sroka	Laser Safety
22.11.2018	PD Dr. Alexander Buchner	Statistics in Medicine
29.11.2018	PD Dr. Heike Pohla	Biosafety
06.12.2018	PD Dr. Martin Hennenberg	Examination of smooth muscle contractions of intact tissue preparations in an organ bath
13.12.2018	Max Eisel	Laser and light sources
20.12.2018	Stephan Ströbl	Measurement methods for characterisation of cylindrical diffusors
10.01.2019	Christian Freymüller	Investigations using thermography – measurements and pitfalls / HSI-Imaging
17.01.2019	Christian Heckl	Photodynamic Therapy
24.01.2019	Max Aumiller	Optical standards and phantoms
31.01.2019	Dr. Herbert Stepp	Fluorescence methods in clinics
07.02.2019	PD Dr. Heike Pohla	ELISPOT assay for detection of antigen-specific T lymphocytes

PDFs of lectures available from the speakers after request