

## HS 2017: Seminare über Biomedizinische Photonik

<b>Datum Zeit, Hörsaal</b>	<b>Referent Titel</b>
Di, 25.07.2017 10:00 Uhr, B007	<b>Chen Qiu, Institute of Applied Physics, University of Bern</b> PhD Defense: Exploration of the phase diagram of liquid water in the metastable region using synthetic fluid inclusions
Mi, 27.09.2017 10:15 Uhr, A97	<b>Dr. Günhan Akarçay, Institute of Applied Physics, University of Bern</b> Understanding the essence of an optical extinction measurement
Mi, 11.10.2017 10:15 Uhr, A97	<b>Cyril Kobel, Institute of Applied Physics, University of Bern</b> Bachelor Thesis presentation: Experimental investigation of the applicability of the diffusion model on the boundary of a semi-infinite medium
Mi, 18.10.2017 10:15 Uhr, A97	<b>Florentin Spadin, Institute of Applied Physics, University of Bern</b> Fourier-Based Image Reconstruction: a viable Alternative to Time-Domain Algorithms in Optoacoustic Microscopy
Mi, 25.10.2017 10:15 Uhr, A97	<b>Tigran Petrosyan, Institute of Applied Physics, University of Bern</b> Clutter reduction methods in epi-optoacoustic imaging: a review
Mi, 01.11.2017 10:15 Uhr, A97	<b>Arushi Jain, Institute of Applied Physics, University of Bern</b> Er-YAG laser fiber transmission and bone ablation
Mi, 08.11.2017 10:15 Uhr, A97	<b>Leonie Ulrich, Institute of Applied Physics, University of Bern</b> From bench to bedside: challenges of quantitative hypoxia imaging
Mi, 15.11.2017 10:15 Uhr, A97	<b>Patrick Stähli, Institute of Applied Physics, University of Bern</b> Common mid-angle method applied to CUTE
Mi, 22.11.2017 10:15 Uhr, A97	<b>Dr. Michael Jaeger, Institute of Applied Physics, University of Bern</b> Towards an accurate physical model for imaging speed-of-sound in pulse-echo sonography
Mi, 29.11.2017 10:15 Uhr, A97	<b>Dr. Maju Kuriakose, Institute of Applied Physics, University of Bern</b> Receive Beam Steering for Speed of Sound Reconstruction: Application to Carotid Plaque Imaging
Mi, 06.12.2017 10:15 Uhr, A97	<b>Louis Wyss, Institute of Applied Physics, University of Bern</b> Speed of Sound reconstruction combining transmission and echo mode
Do, 14.12.2017 09:15 Uhr, B116	<b>Prof. Dr. Srirang Manohar, Adjunct Hoogleraar Biomedical Photonic Imaging, Mira Institute of Biomedical Technology and Technical Medicine, University of Twente</b> Photoacoustic imaging in breast, and moving towards minimally invasive imaging
Do, 14.12.2017 13:00 Uhr, B5	<b>Kai Gerrit Held, Institute of Applied Physics, University of Bern</b> PhD Defense: Towards deep quantitative clinical optoacoustic imaging: System optimization and accurate fluence correction
Mi, 20.12.2017 10:15 Uhr, A97	<b>Maximilien Tholl, PhD Student at ARTORG Center for Biomedical Engineering Research, University of Bern</b> Subdermal Solar Energy Harvesting