Seminar über Biomedizinische Photonik

Referent/in: Christian Burri, IAP and Berner Fachhochschule

Titel: PhD Mid-Term Evaluation: Optical Coherence Tomography
      Controlled Selective Retina Therapy

Selective retina therapy (SRT) is a promising treatment option for retinal pigment epithelium (RPE) related retinal disease. However, due to the inter- and intraindividual laser absorption in the retina, real-time laser dosimetry (i.e., absorption-corrected radiation exposure) would be essential for the clinical application of SRT. Therefore, optical coherence tomography (OCT) is being evaluated as a dosimetry tool for SRT using in vivo data from animals and patients - showing promising results.

Zeit: Freitag, 8. April 2022, 10:15

Ort: Room B77, ExWi, Sidlerstrasse 5, 3012 Bern
     https://ethz.zoom.us/j/64104157426