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## 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>