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**UNIVERSITÄT
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Seminar über Biomedizinische Photonik

Referent/in: Prof. Alwin Kienle, Institut für Lasertechnologien in der Medizin und Meßtechnik an der Universität Ulm

Titel: Optics of scattering media

In this talk theoretical and experimental aspects of studying the optics of scattering media, such as biological tissue, are presented. Analytical and numerical solutions of Maxwell's equations and the radiative transport theory are applied to describe the light propagation in scattering media in the microscopic and macroscopic scales. Different methods are discussed to determine the scattering and absorption spectra of these media. Finally, various applications based on knowing the optics of scattering media are given.

Zeit: Mittwoch, 15. Dezember 2021, 10:15

Ort: Room A97, ExWi, Sidlerstrasse 5, 3012 Bern

Zoom-Meeting beitreten
<https://ethz.zoom.us/j/64851454165>