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**UNIVERSITÄT
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Seminar über Biomedizinische Photonik

Referent/in: Dr. Robert Nuster, Physics Institute, University of Graz, Austria

Titel: Overview about recent photoacoustic and laser ultrasound research activities at the Department of Physics in Graz

The talk will address the following topics: The development of a compact multimodal photoacoustic microscopy and confocal microscopy setup for skin diagnoses, large depth of field photoacoustic macroscopy with an annular ring-array ultrasound detector, first steps towards integrated large area optical ultrasound detection, the progress of using camera based ultrasound detection for real-time photoacoustic projection tomography and the investigation of porous materials with laser ultrasound methods.

Zeit: Mittwoch, 22.05.2019, 10:15 Uhr

Ort: **Hörsaal A97**, Gebäude Exakte Wissenschaften, Sidlerstrasse 5, Bern, Schweiz