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**UNIVERSITÄT
BERN**

Seminar über Biomedizinische Photonik

Referent: Prof. Dr. Srirang Manohar, Adjunct Hoogleraar Biomedical Photonic Imaging, Mira Institute of Biomedical Technology and Technical Medicine, University of Twente

Titel: Photoacoustic imaging in breast, and moving towards minimally invasive imaging

I will give an update of the latest work performed in photoacoustic breast imaging. Clinical results from 2014-2015 with a planar geometry system (PAM 1) will be shown. The developments leading to a computed tomography (CT) photoacoustic imager (PAM 2), and results on healthy volunteers will be presented. This will be followed by a short overview of a running project to develop a definitive version of a CT photoacoustic imager. Finally some first results in performing minimally-invasive imaging will be discussed.

Zeit: Donnerstag, 14.12.2017, 09:15 Uhr

Ort: **Hörsaal B116**, Gebäude exakte Wissenschaften, Sidlerstrasse 5, Bern, Schweiz