



ao. Prof. Dr. Rainer Leitgeb  
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Position: Associate Professor

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**Further Information**

## Keywords

Multimodal Imaging; Optical Imaging; Optics and Photonics; Tomography, Optical Coherence

## Research group(s)

- Leitgeb Lab

## Research interests

My research focus is on **biomedical optics** and its application in real world medicine. Especially the **translation of developed innovative technologies** to the clinics is a key objective. We are addressing with our research **unmet needs in medial diagnostics** that aim at improving the quality of live by enabling early diagnosis when treatment is most effective. An important character of our research is a balanced mix of on the one hand basic research questions by elucidating new phenomena in optics with a potential for medial application; on the other hand we are working in close cooperation with major industry partners for medical products in order to help translating mature developments from bench to bedside.