

SONDERSEMINAR/SPECIAL SEMINAR
LMU/MPQ

Time: Friday, January 23, 2015

10:00 a.m. s.t.

Presentation by: Ms. Kathrin Mohler
Group of Prof. R. Huber
Institute for BioMolecular Optics
Ludwig-Maximilians-University (LMU)
Munich

Title: Ophthalmic Imaging using High-Speed
Optical Coherence Tomography

Location: LMU/Faculty of Physics
Schellingstr. 4/3rd Floor
Room H 311

gez. Prof. T.W. Hänsch

ABSTRACT:

"Ophthalmic Imaging using High-Speed Optical Coherence Tomography"

This talk will give an overview of high-speed optical coherence tomography (OCT) using rapidly wavelength-tunable laser sources and its applications in the field of in vivo ophthalmic imaging.

State-of-the-art swept-source OCT systems developed at LMU and MIT, image processing methods for investigating the vascular structure of the eye and the advantages of wide-field image acquisition will be discussed.