



# Medically Relevant Experiments with Synchrotron Radiation

University Hospital Basel, ZLF, grosser Hörsaal  
Wednesday, September 30, 2020, 14:45 - 15:45

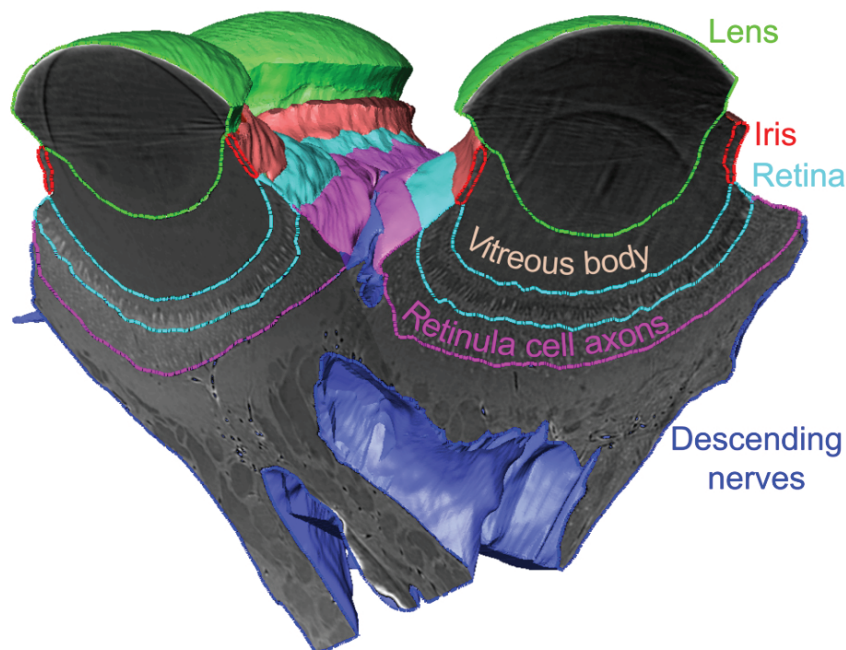
**Christoph Rau**

Diamond Light Source, Didcot, OX11 0DE, UK

drinks & discussion  
after the seminar  
[www.cargobar.ch](http://www.cargobar.ch)

## Cutting-edge tomographic imaging at Diamond Light Source

For biomedical imaging it is particularly important to preserve the natural structure and functionality of the system. Synchrotron radiation enables the acquisition of statistically relevant data across the micro- and nanometer scales with chemical, structural and dynamic information. Our research ranges from insect navigation, lungs and respiration, hearing, knee mechanics and brain connectivity, exploiting advanced imaging modalities.



Host: Bert Müller

Organized by the PhD-Program in Biomedical Engineering

