

# Medically Relevant Experiments with Synchrotron Radiation

University Hospital Basel, ZLF, grosser Hörsaal  
Wednesday, September 23, 2020, 13:30 - 15:00

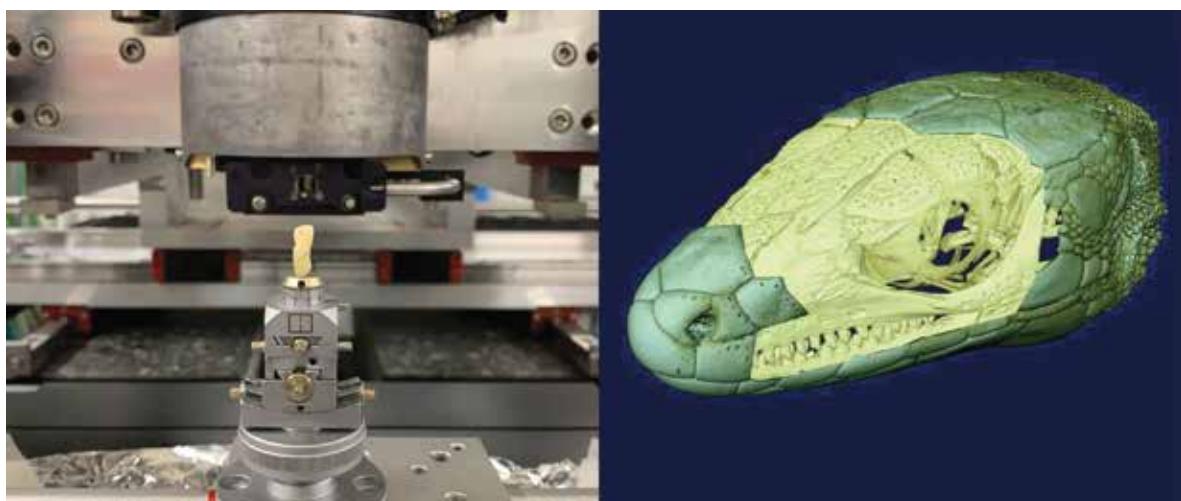
drinks & discussion  
after the seminar  
[www.cargobar.ch](http://www.cargobar.ch)

**Timm Weitkamp**

Synchrotron SOLEIL, Gif-sur-Yvette, FR

## Micro- and nanotomography at the ANATOMIX beamline

Computed tomography provides the three-dimensional morphology of macroscopic objects. Phase contrast allows us to visualize low-atomic-number structures and discriminate features that remain hidden in absorption measurements. X-ray optics extend the spatial resolution towards the nanometer range. This talk will present the underlying physical principles and show a variety of biomedical examples.



Host: Bert Müller  
Organized by the PhD-Program in Biomedical Engineering

