



Medically Relevant Experiments with Synchrotron Radiation

Online, registration via georg.schulz@unibas.ch
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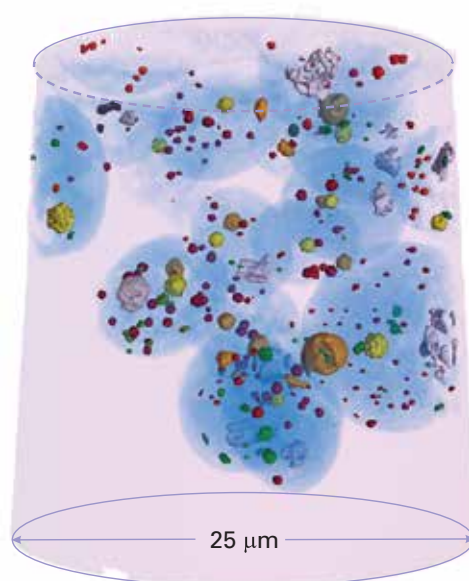
Ana Diaz

Paul Scherrer Institute, Villigen, CH

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after the seminar

Brilliant X-rays for the imaging of nanostructures in medical research

The penetration of X-rays through matter makes them a useful tool for the non-invasive imaging of bulk samples. The high-brilliance X-rays from third generation sources enable unique spatially resolved scattering and ptychography studies. The diverse applications include medical research, for example, to understand the nanostructural changes caused by caries in the tooth's crown or the neural connectivity in the brain.



Host: Bert Müller

Organized by the PhD-Program in Biomedical Engineering

