



Medically Relevant Experiments with Synchrotron Radiation

Online, registration via georg.schulz@unibas.ch
Wednesday, December 2, 2020, 16:00 - 17:00

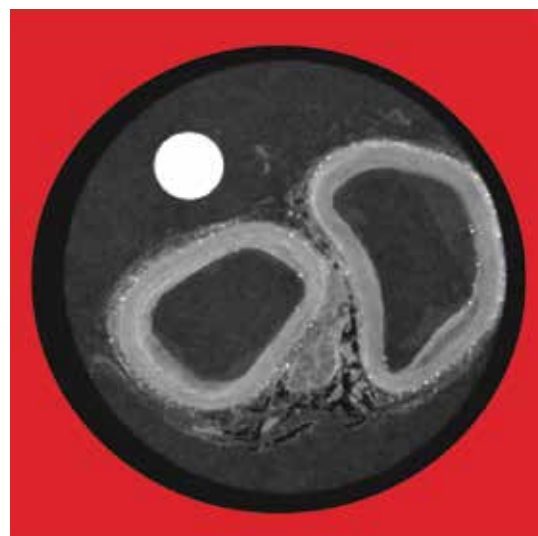
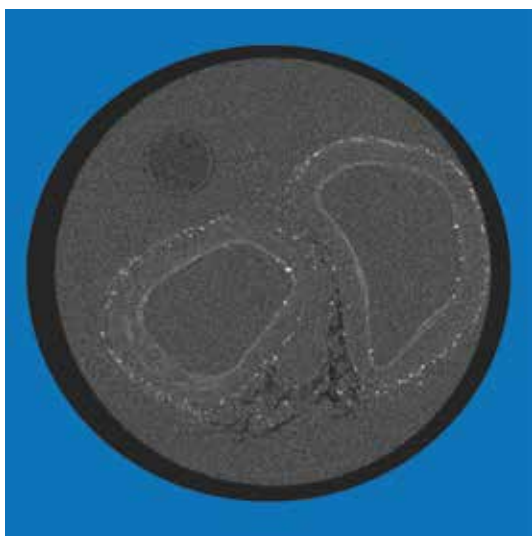
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after the seminar

Julia Herzen

Technical University of Munich, DE

From X-ray physics to biomedical imaging

Quantitative imaging of soft tissues at synchrotron radiation sources and laboratory setups has been challenging. We have developed methods for quantitative phase-contrast imaging at highly brilliant and polychromatic X-ray sources. The current possibilities of quantitative imaging will be elucidated by recent results of soft tissue analysis, which includes blood vessels and kidney anatomy on the micrometer scale.



Host: Bert Müller

Organized by the PhD-Program in Biomedical Engineering

