



# PETRA IV Workshop - Soft Matter, Health, and Life Science

## Thursday, 29 October 2020

**Biology, Biomedical and Biomaterials Research I: -- White Zoom Room --, Chairs: Kathryn Spiers, Bernd Struth, Kai Bagschik - Online (10:15 - 12:30)**

time	[id] title	presenter
10:15	[66] Waveguide-based holo-tomography: opportunities of PETRAIV for high resolution 3d bioimaging.	SALDITT, Tim
10:35	[67] 3D virtual histology with X-ray speckle-based phase tomography	ZDORA, Marie-Christine
10:55	[68] How COVID-19 Damages the Lung	WERLEIN, Christopher KÜHNEL, Mark
11:15	Coffee Break	
11:30	[69] Characterizing mineralized tissues by small angle x-ray scattering and complementary methods	WAGERMAIER, Wolfgang
11:50	[70] Nanoscale Chemical Imaging of Human Infection Processes: a cause worth pursuing.	DE SAMBER, Björn
12:10	[71] Nanoscopic X-ray Fluorescence Imaging of cells with a high energy X-ray cryo nano-probe.	BOHIC, Sylvain