

Operation at the TOMCAT beamline: latest developments from acquisition to data visualisation

Friday, February 26, 2021 3:05 PM (1 hour)

In this workshop, we will first give a short presentation (~20 min) on how full field tomography is performed in a standard way at TOMCAT. The latest developments achieved to ease the operation will be presented: hdf5 data handling, reconstruction pipeline optimisation, offline HPC cluster and data management.

In a second part, a live interactive demo and discussion round (~40 min) will be proposed focusing on the ultra-fast tomography end-station. Based on practical examples and requests of the audience, information will be given on the different triggering options, the adequate acquisition strategy and the large amount of data generated.

Presenter: FEDERICA MARONE AND CHRISTIAN SCHLEPUETZ (Swiss Light Source)