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The imaging program at the SAXSMAT beamline P62

Friday 10 November 2023 13:30 (10 minutes)

Within this contribution, an overview of the imaging program of the SAXSMAT beamline P62 will be given. Especially, the computational aspects of the 3D reconstruction for the SAXS- and WAXS tensor tomography imaging experiments will be presented. Furthermore, an outlook of upcoming projects that include AI in the reconstruction algorithms will be discussed.

Besides the 3D tomography datasets conventional scanning SAXS- and WAXS datasets getting larger and larger and therefore more demanding on the data processing. A short overview of the computational aspects of those data will be discussed as well.

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