

PAUL SCHERRER INSTITUT



Markus Janousch :: Paul Scherrer Institut

Overview of the group “Data Processing Development and Consulting”

AWI Department Update, February 05, 2024



- Continuing work on BEC. Working on development environment, deployment, and operational aspects (services, logging, monitoring).
- Support for new TOMCAT developments.
 - Super resolution on lung tissue
 - Tensor and cone beam tomography
 - Time resolved tomography
- JungfrauJoch: refinement of indexer code. Needs testing at the beam line.

- Training and handover for the photon diagnostics application (SwissFEL) and pyZebra (SINQ).
- Additional people joined those projects who will take over the work from Ivan.

AI4SI re-submission

- Continue writing of proposal. Quite some general material from previous submission can be “recycled”.
- PSI emphasis on set-up of an experiment and SA(NX)S technique.
- Deadline March 12, 2024.