



Update: ODIN and BEER

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ODIN

Towards first science



DMSC deliverables

CC:

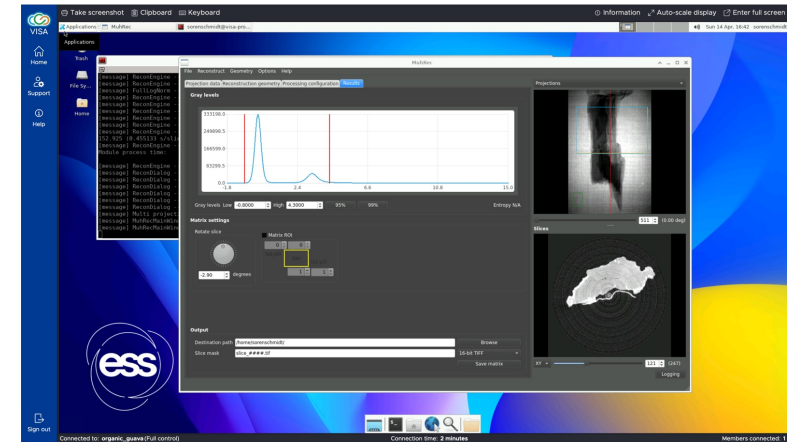
- NICOS, archiving in Nexus files (ECDC)
- For TPX3cam second route through LoskoVision event formation (ECDC)

HC:

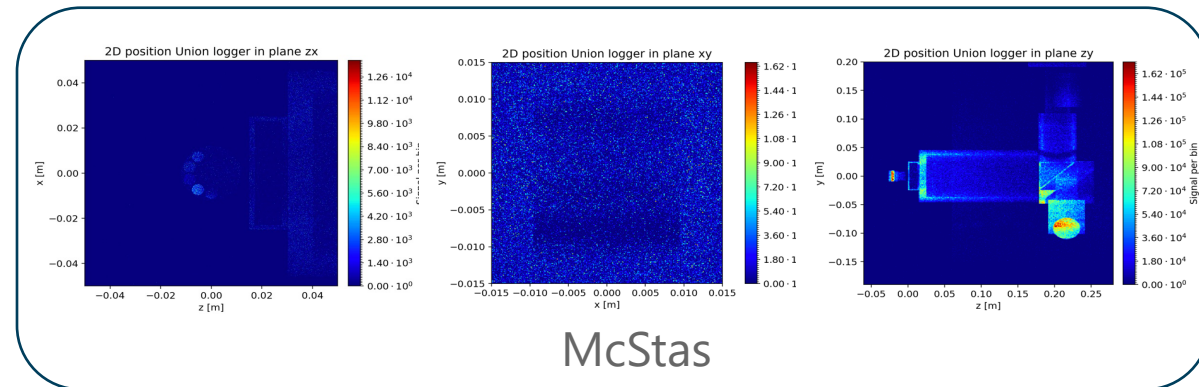
- Data reduction pipelines for att. tomography and Bragg edge analysis, Visualization
- HC package
- Retrieval and Archiving in SciCat

First science:

- Ability to carry out full tomography and bragg edge analysis



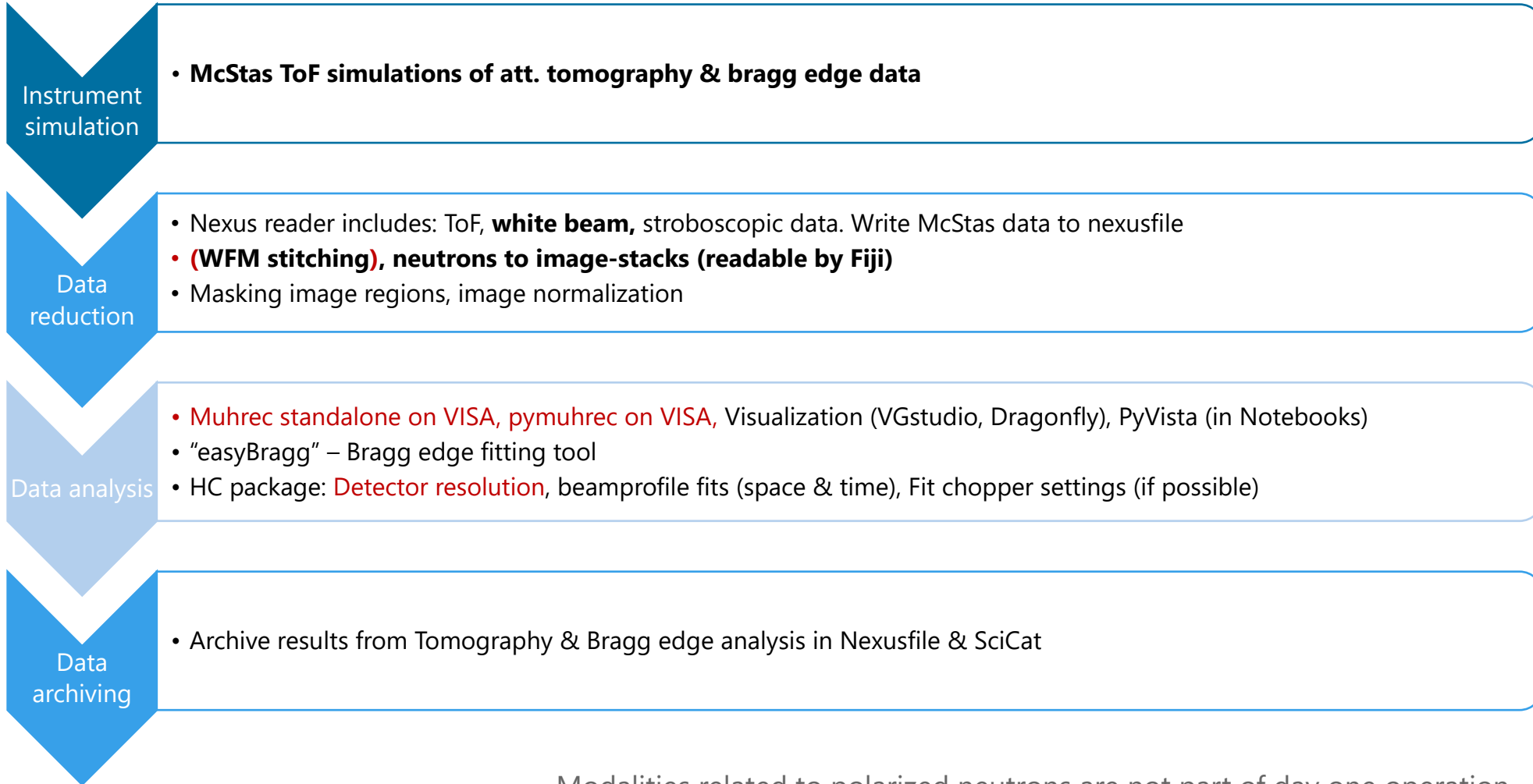
Muhrec on VISA platform





Data pipeline status

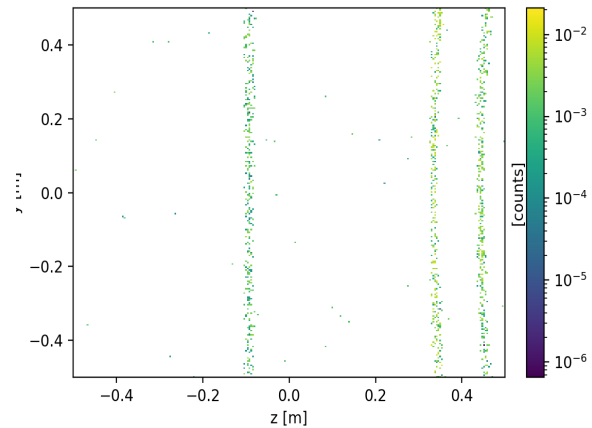
ODIN



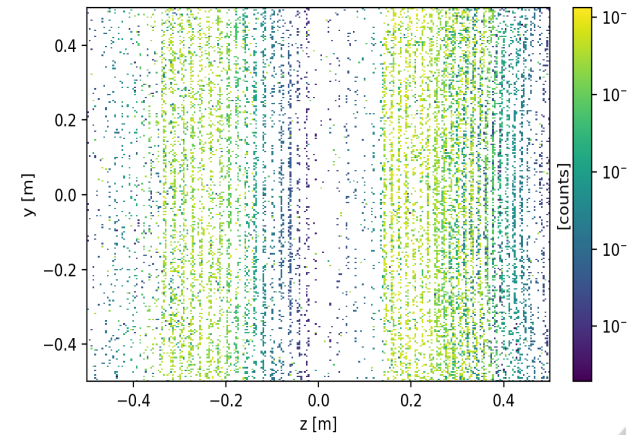
Done
In progress
ToDo

Modalities related to polarized neutrons are not part of day one operation

BEER



Pulse-Shaping mode



Modulation mode (multiplexing)

- McStas simulations with detectors in ± 90 degree positions
- Main objective for BEER is a functioning data reduction method for modulation mode
 - Work is ongoing
- Next, meeting with the BEER Team on DMSC deliverables
- Completion date for DMSC deliverables is currently end of 2025