ISPyB site report DESY
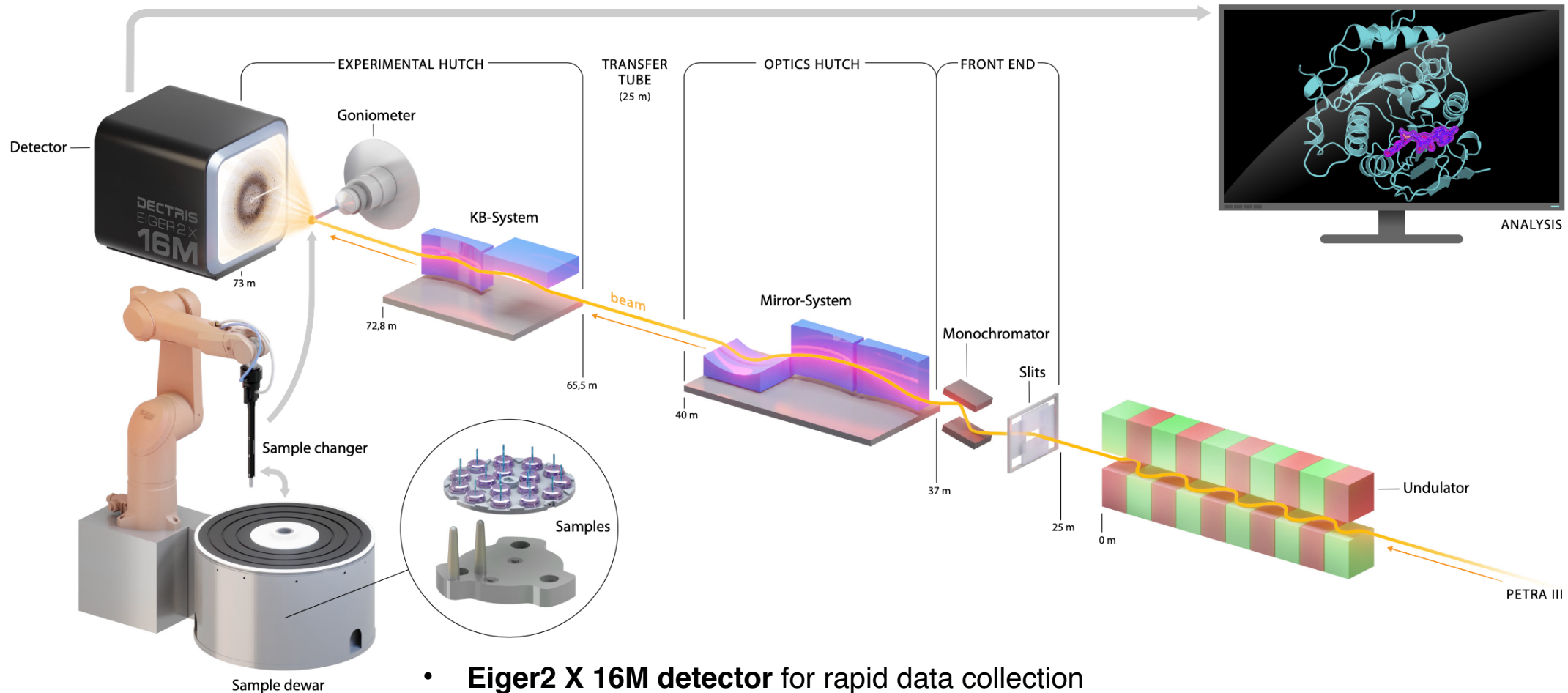
Johanna Hakanpää, Beamline Manager P11, on behalf of the P11 Team and developer Olga Merkulova

johanna.hakanpaa@desy.de

HELMHOLTZ

P11 beamline

- **Eiger2 X 16M detector** for rapid data collection
- **Sample changer dewar** accommodates **23 unipucks** simultaneously
- **Broad energy range**: 5.5 – 28 keV
- **Remote operation** via web browser with user portal authentication (**DOOR**)
- **In rolling access**, application for beamtime can be submitted at any time without fixed deadlines and can receive beamtime directly after evaluation (few weeks from submission)

Sessions   Shipment ⌄   Proteins & Crystals NEW ⌄   Prepare Experiment   Data Explorer ⌄   Manager ⌄   search by protein acronym   ⇥ Log out **H20010179@hakanj** | ⌄

🏠 Home

📅 Choose a Date ⌄   📅 Choose a period of time   enter search term (proposal or title)   👤 search by local contact

☐ **P11**   Filter by term (proposal or title) or comment

					MX					BIOSAXS			EM	
Start	Beamline	Proposal	Title	Local Contact	En. Scans	XRF	Samples	Tests	Collects	Calibration	SC	HPLC	Gridsquares	Comments
12-11-2025	P11	H20010179	In-House Research, Hakanpae...					2	70					☑

✓ Ready

HELMHOLTZ   DESY.

Status and progress since the previous meeting

https://exi.desy.de/exi/mx/#/welcome

Online and in user operation since March 2025

Autoprocessing results to be connected

Observability integrated into Kubernetes cluster used by other DESY applications.

Olga Merkulova continues as developer with 50% working time on ISPyB, 50% on related project (on leave until January)

Successful integration of the logistics module:

adapted from the Diamond Light Source application by student Thorben Melson at DESY as stand-alone tool for staff

now connected to EXI with display of dewar status, location and refill history in 'Transport history' tab

final polishing and user instructions being completed

HELMHOLTZ

DESY.

Plans for the next six months

Completion of shipment module

Work on the autoprocessing result display