

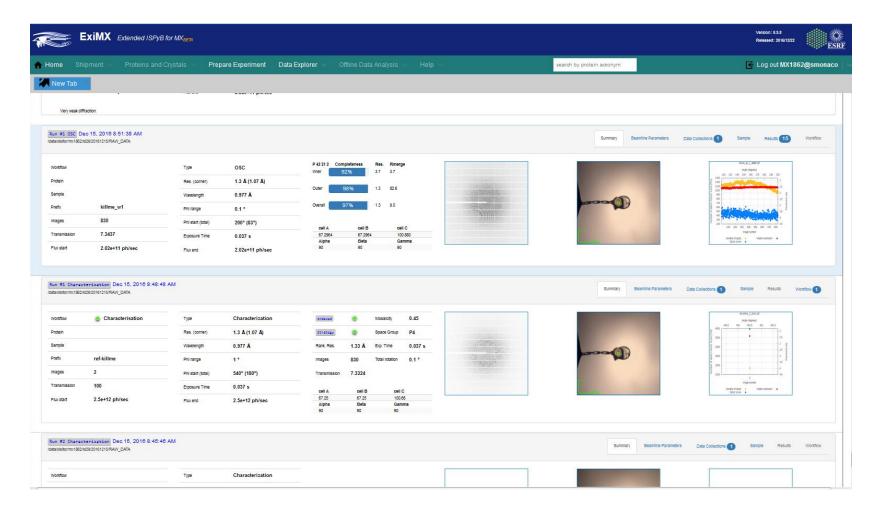
ESRF | The European Synchrotron

Latest advances on EXI-MX

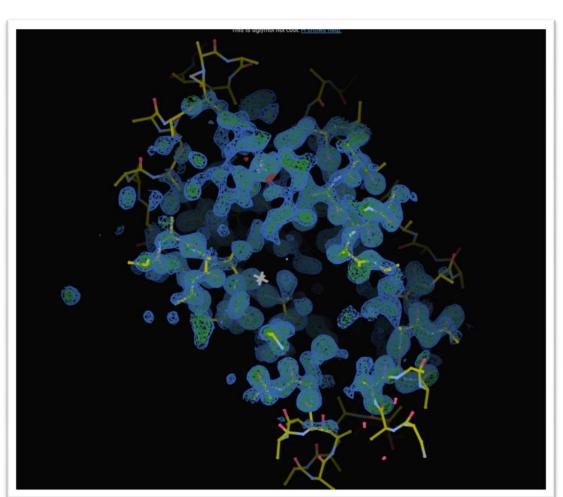
Development aim

- Faster display of summary page especially with complex workflows (WF)
- no going back and force to other pages to visualize more details
- Intuitive accesses to avoid manual reading
- Simplification of the processes (vs. an interface evolving over 10 years with multiple add-ons)

Enrichment of the session summary page



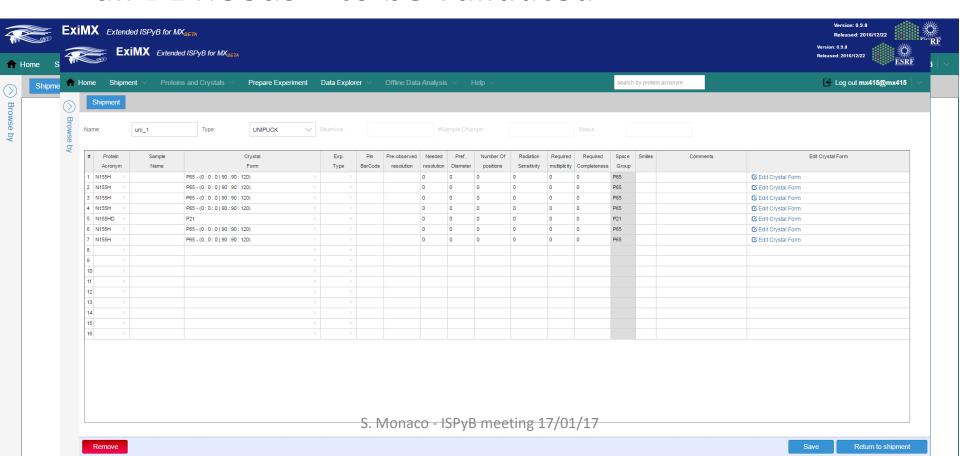
Structure solution results AutoSAD phasing pipeline





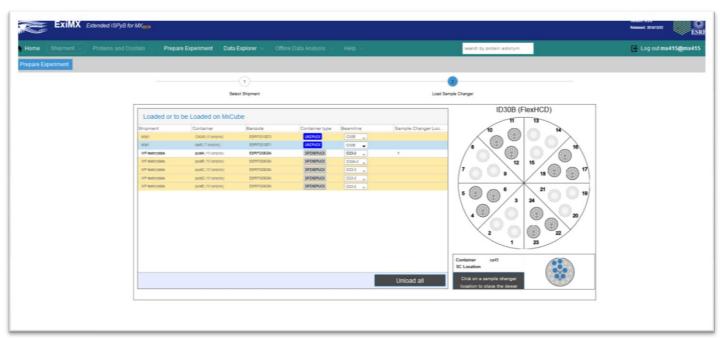
Shipments - 1

 Description of more generic shipment to fulfill all BL needs – to be validated



Shipments - 2

- Prepare experiment :
 - Simplification
 - Management of multiple sample changers of the ESRF SB beamlines



What's next for EXI-MX?

- MR pipelines results visualisation
- Reporting: extraction full & minimal reports
 - per session
 - per project
- Multiple pdb per protein for automatic MR
- Sessions page proper design
- Longer term (e.g.)
 - Offline pipeline for : "mesh & collect"
 - Ligand screening results in summary: probability to have a ligand bound?
 - Extraction of data on a project from various techniques (e.g. BIOSAXS, MX)

ESRF Roadmap for the next 3M For EXI MX

- January 17: Validation of actual developments + mandatory little tools (e.g. manual expt annotations)
- February 17: "Test users" for feedback
 Collaboration ? data on MX1816
- March 17 onwards:
 - Opening to all users of ESRF
 - New developments

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