

Status ISPyB for BioSAXS @ESRF

Alex de Maria Antolinos
Software Engineer
Data Manager@Data Analysis Unit
Software Group
ESRF

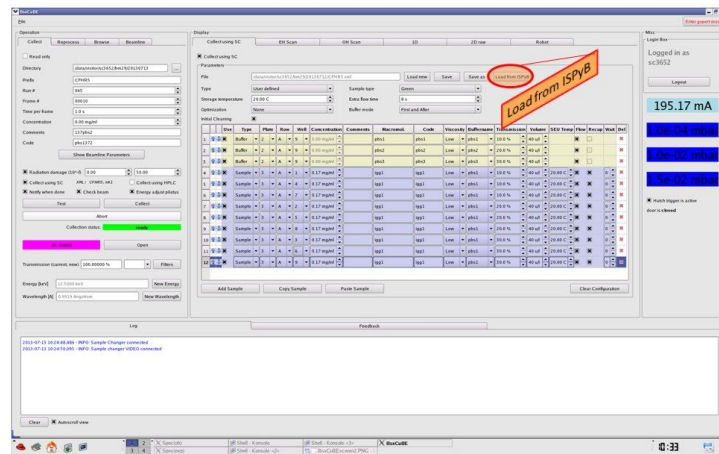
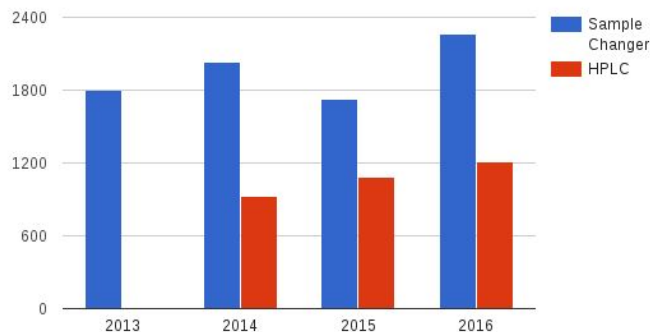
- **Operational since early 2014**

- Sample Changer Experiments
- HPLC Experiment
- Experiment preparation

- **ISPyB receives data from:**

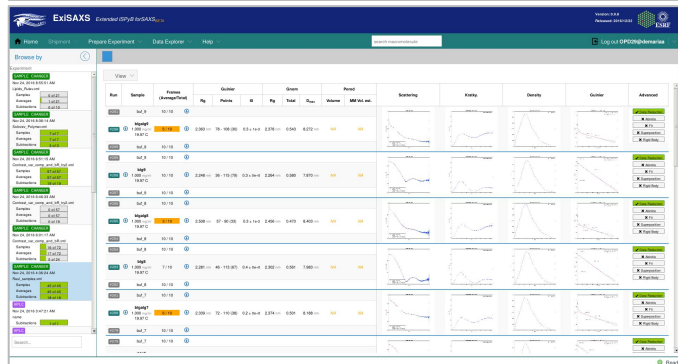
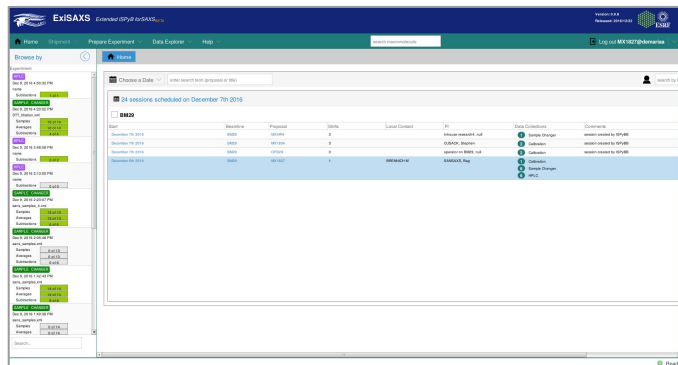
- **BCM: BsxCube**
 - Experimental Parameters
- **Online data Analysis: EDNA**
 - Data reduction
 - Primary Data Analysis
 - Abinitio Modeling

Sample Changer and HPLC

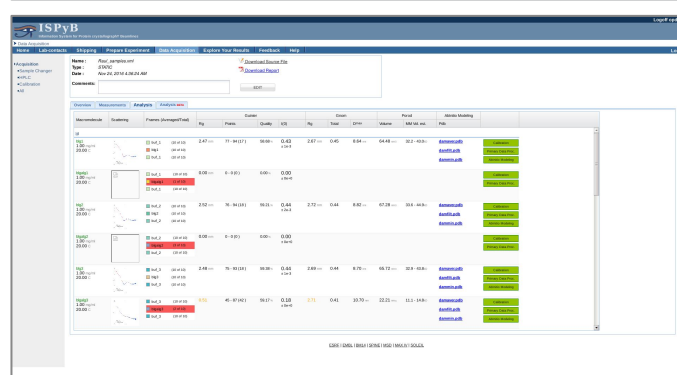
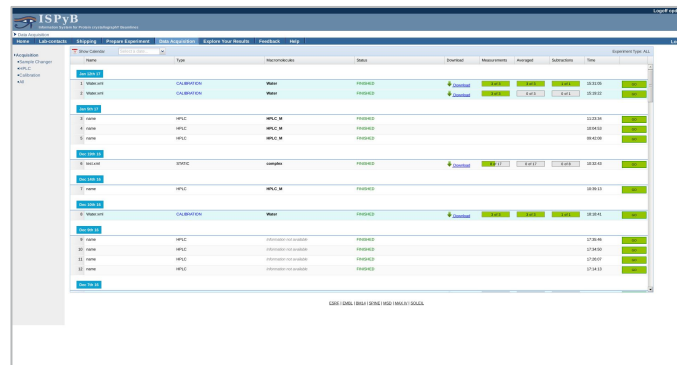


Latest developments

<https://exi.esrf.fr/saxs>

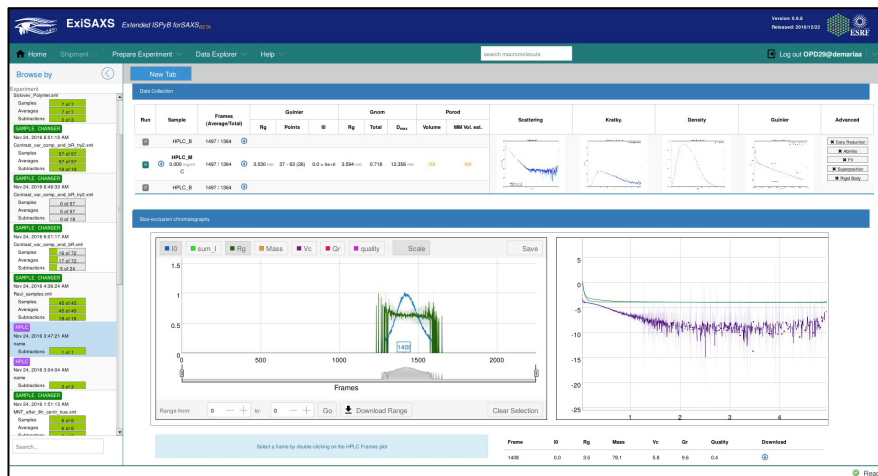


<https://ispyb.esrf.fr>

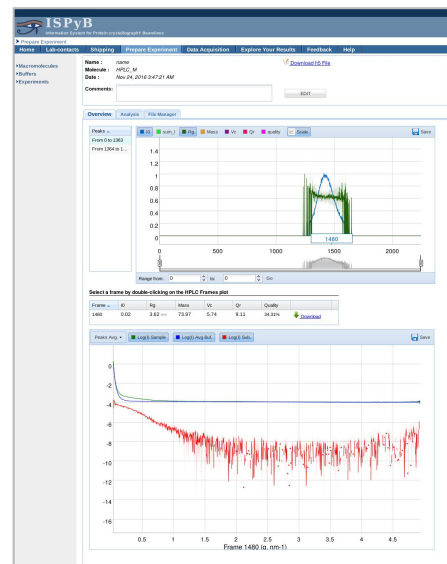


Latest developments

<https://exi.esrf.fr/saxs>



<https://ispyb.esrf.fr>



- **Work on EXI as new ISPyB user interface**
 - Fix bugs
 - Add all features that are on the current user interface
 - Improve performance when it is necessary
 - Improve abinitio modeling display
- **Collaboration with other sites**
 - Database
 - User Interface
- **Offline data analysis**
 - Interactive workflows