Crystallography

Data Collection

- Prepare loops
- In-house
- Synchrotron

Dataset storage

Save the frames from the datasets in *syno**frames**date_beamline*. Don't forget to unprotect the folders with *chmod -R 777*

Data processing

Create a directory *syno**frames**proc_date_beamline* with subfolders for each dataset named with the drop code. Don't forget to unprotect the folders with *chmod -R 777*

Create *xds* or *hkl* and *ccp4* sub-directories

- XDS procedure
- XDS detailed procedure by Diederich
- HKL2000 procedure
- HKL3000 procedure

- Aimless procedure
- Choosing the resolution cut
- Structure refinement
- Structure polishing

- Access and usage of the IGBMC HPC cluster
- Access and usage of the CBI microscopy calculation cluster

Data deposition

- Prepare files
- Items to check
- Deposition procedure
- Data storage