

Program of the 4th mxCuBE Developer's meeting, SOLEIL, 13th-14th May 2014

Day 1 - 13th May

- 09:00 - 12:00 Informal meetings, discussions and demonstrations on Proxima beamlines
- 12:00 - 13:00 Lunch
- 13:00 - 16:00, **Session 1**, Status, problems, outlooks
 - Recall of previous meeting conclusion, Daniele, 15 min
 - Scientific Committee discussions & recommendations, Pierre, 15 min
 - MxCuBE at the different sites -- status, problems, outlook (15 min talks)
 - ESRF - Daniele
 - EMBL - Gleb
 - MaxLab - Johan
 - BESSY - Michael
 - SOLEIL - Martin
 - 15:00 - 15:20, Coffee break
 - Control software overview on DESY MX beamlines, Jan, 20 min
 - Conclusions, discussions, 20 min
- 16:20 - 18:20, **Session 2**, Progress - Development, Abstractions, Datamodels
 - MxCuBE 2 overview and the most recent developments, Marcus, 40 min
 - Abstract Sample Changer, Alexandre, 20 min
 - Implementing Sample Changer at BESSY, Michael, 20 min
 - Abstract model for complex crystallography experiments, Peter, 20 min
 - Sardana & mxCuBE, Bixente & Guifré, 20 min
- 18:00 - 19:00, **Round Table**, Abstractions
- 19:30 Dinner

Day 2 - 14th May

- 09:00 - 10:00 **Session 3**, mxCuBE 2 in service
 - mxCuBE 2 user stories and future perspectives, Daniele, 20 min
 - mxCuBE 2 on MASSIF-1, Matias, 20 min
 - DAWN workflows integration within mxCuBE 2, Olof, 20 min
- 10:00 - 10:30, **Round table**, Usability and layout improvements for mxCuBE
- 10:30 - 10:45 Coffee break
- 10:45 - 11:45 **Session 4**, mxCuBE in ever changing world
 - Simulation environment for mxCuBE
 - Towards a new technology stack for mxCuBE, Matias, 20 min + 20 min
 - Close look at what it took to make mxCuBE v2 work at SOLEIL, Martin, 20 min
- 11:45 - 12:30 **Round Table**, Project and code management -- what can we improve?
- 12:30 - 13:30 Lunch
- 13:30 - 15:00 **Round Table Discussions**, Conclusions & Plans
 - Objectives for the year to come
 - Addressing risks in the development of mxCuBE
 - Possible next meeting date & place

Participants' list

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