

NMI3-FP7-JRA-I
WP21 "Sample Environment"

Report of meeting from 22nd of October 2012 at Helmholtz-Zentrum Berlin

Attendees: A. Brulet (LLB), N. Szekely (JNSC), Y. Gerelli (ILL), B. Demé (ILL), E. Lelièvre-Berna (ILL), S. Baudoin (ILL), N. Belkhier (ILL), M. Zolliker (PSI), O. Kirichek (ISIS), Z. Bowden (ISIS), B. Evans (ISIS), S. Cox (ISIS) D. Wallacher (HZB), K. Kiefer (HZB), N. Grimm (HZB), M. Barrett (HZB) , T. Hauß (HZB), B. Brüning (HZB)

Presentations (see attachment): D. Wallacher, O. Kirichek

Summary:

An overview of the progresses of the gas-adsorption task by Dirk Wallacher and the high pressure task by Oleg Kirichek has been presented as well as a report of the levitation furnace task status by Eddy Lelièvre-Berna. Whereas most of the deliverables and reports have been finished, there are still some open or late developments. Therefore, Zoe Bowden requested the task leaders to declare all the things to her, which will probably not be achieved according to the consortium contract, for a revised project description, which will be done by Miriam Förster actually.

The final presentation of the sample environment working package in Garching should be divided into two parts. Neglecting a detailed listing of each single deliverable, one part of the presentation should show to some technical highlights, which have been produced by the JRA for the benefit of the European users. The second part should be dedicated to evidence, that the JRA has generated more than new pieces of equipment. In this part the deepened collaboration among the sample environment groups due to the activities should be stressed. The decision if this is presented by one or two speakers is open. In the next month all possible helpful contributions in the form of reports, pictures, ideas, publications etc. should be delivered to Zoe Bowden from the task leaders.

Since a possibility for the European sample environment groups to participate in the upcoming call for the FP8 program is unclear at the moment, there was discussion about a way how the groups can continue their successful cooperation, which started with the sample environment JRA. Most (but not all) institutes contribute in single tasks of the Bio-Soft Matter JRA, which in principle would allow regular meetings and discussions as in the past.

Finally Zoe Bowden presented some topics to think about, which could be the basis for a common contribution in the FP8-programm: sample characterization and preparation labs, maximization of sample throughput, new in-situ processes (real world applications).