

## Minutes of the ILIMA-Collaboration-Board Meeting

The meeting took place at GSI in the KBW-room # 3.32 on November 30<sup>th</sup>, 2011.

Call to order at 9:30 by Phil Walker (chair)

Minutes by Christophor Kozhuharov

Present:

Members of the Collaboration Board: Phil Walker, Klaus Blaum, Thomas Faestermann (left at 11:54), Hans Geissel (arrived at 9:40), Yuri Litvinov, Markus Steck, Helmut Weick, Christophor Kozhuharov; by invitation: Iris Dillmann, Christoph Scheidenberger.

**Agenda of the meeting** as e-mailed by Phil prior to the meeting:

1. Apologies and membership
2. Minutes of meeting on 1st March 2011
3. Matters arising
4. FAIR/NUSTAR status
5. Project Manager's report (including TDR status)
6. Financial matters (including update of money matrix)
7. Conferences and workshops (including plans for NUSTAR week, 27 Feb - 2 Mar 2012)
8. Web pages
9. AOB
10. Date of next meeting

Ad 1. Apologies received from Stephane Goriely, Zygmunt Patyk, Wolfgang Plass, Dmitry Seliverstov, and Takayuki Yamaguchi. Hans holds proxies from Wolfgang and from Zygmunt.

Ad 2. The minutes of the last meeting are accepted.

Ad 3. A possible SFRS beam line to the oESR will be discussed as an AOB.

Ad 4, 5, and 6. These three items of the agenda have been discussed in parallel. Helmut showed a few slides with some information about the NUSTAR Bucharest meeting. The minutes of the Bucharest meeting are being prepared. It was not clear whether these minutes will include the slides of Jürgen Gerl. The NUSTAR board of representatives is going to discuss Jürgen's proposal. A new big round of MoU is anticipated. New people on board are Alexander Herlet and Namita Goel. The slides shown by Helmut are on the Wiki-pages. Christoph reported about the timetable for the civil construction, which will start in 2012 and should be finalized (empty buildings) in 2018. Six countries have signed the agreement. A large share of the ILIMA financing will be done via a *Projektmittelantrag (PMA)* in Germany (cf. e.g. the slides of Helmut). Christoph explained the possible German funding sources: German PMA, *Verbundforschung*, maybe MPI, parts of GSI-POF, and any other sources. (Additional problems are the VAT and inflation.) For the next round of *Bundesmittel* Wolfgang/Christoph, Thomas, and Iris (Universität Gießen) are preparing applications to be submitted by December 1<sup>st</sup>. Thomas and Iris will submit applications for funding the development of Si-detectors: Iris will take care of the  $\Delta E$ -detectors, whereas Thomas (E12 TUM) will deal with the DSPS-Silicon-strip detectors. The projects will be declared as being R&D ones that will result in producing prototypes that might be of potential interest in studies performed at e.g. ESR in the immediate future. Helmut mentioned that last year we decided to write technical design reports (TDRs) that are not finalized yet.

There was a relatively long and vivid discussion about the lack of funding for the Schottky probes as compared to all funding directed towards the ToF and particle detectors. The discussion did not lead to any palpable result. Based on the latter, no attempt will be made in these minutes to sketch (let alone reproduce) the discussions about the detected discrepancies among various purposes and/or magnitudes of amounts mentioned in various present and/or future documents.

Marcus informed the collaboration board that CR will be furnished with a broad-band Schottky probe, other probes being anticipated as well. There will be no electron cooling in the CR; it is not possible to have identical designs for Schottky probes for ESR and CR. The position for detectors in the CR is not agreed upon yet.

Ad 10: Phil proposed to discuss a reduced set of proposed physics cases that will fit the plans to start with the CR only. This will be done at a future open collaboration meeting that can be scheduled during the NUSTAR week this spring. After such a collaboration meeting, the Collaboration Board would meet to discuss the strategy (i.e. for CR only, with the NESR-plans being something for the more-distant future).

The Board agreed to have these meetings at the end of February. (Iris – the BMBF decisions are expected for April/May 2012.)

Ad 7. Conferences: STOR11 proceedings are being prepared for printing. At the DPG in March, there will a session dedicated to mass spectrometry. There will be a storage ring workshop in Japan.

Ad 9. AOB: The issue was raised of the potential use of ESR with a beam line from the RCR – this will be a big effort (Markus). There is no building for ESR + FLAIR in the present planning. There are some ideas about the feasibility of CRYRING and about the feasibility of the HESR for APPA purposes.

12:20 Phil closed the meeting.