minutes of the
ILIMA COLLABORATION BOARD MEETING

Place: GSI, Atomic Physics meeting room
Start: November 08, 2010, 10:30 AM
Minutes: Yuri Litvinov

Present: P.M. Walker, Th. Faestermann, H. Geissel, C. Kozhuharov, Yu.A. Litvinov, W.R. Plass, C. Scheidenberger (proxy for Z. Patyk), H. Weick

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AGENDA FOR ILIMA COLLABORATION BOARD MEETING
8th November 2010 at GSI
10 am, Atomic Physics meeting room

1. Apologies and membership
2. Minutes of meeting on 2 March 2010
3. Matters arising
4. FAIR/NuSTAR status
   (including report from Lund NuSTAR week)
5. Project Manager's report
6. Financial matters
7. Conferences and workshops
   (including possible ILIMA open meeting in NuSTAR week, 28 Feb - 4 Mar 2011)
8. Web pages
9. AOB
10. Date of next meeting

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1. Apologies and membership

Apologies: K. Blaum, S. Goriely, M. Steck, Z. Patyk, D. Seliverstov, T. Yamaguchi
Membership: ------

2. Minutes of meeting on 10 December 2009

H.G.: The attachment is missing. H.W. will put it on the ILIMA wiki web-page.
Minutes from the last meeting were accepted without corrections.

H.W.: Updated lists of the collaboration members have been discussed in Lund. NuSTAR technical board has to find a solution to keep the lists up to date (revival of the older tools, Oracle database, ...). The NuSTAR board has to start the initiative. As soon as the requirements are clear, Y.L. & H.W. will follow them and update the list for the ILIMA.

3. Matters arising

4. FAIR/NuSTAR status

H.W. reported on the NuSTAR week in Lund, Sweden. (October 04-08.2010)

The aim of the meeting was to discuss technical issues of NuSTAR. There were discussions of common NuSTAR working groups. The NuSTAR Board meeting took place as well.

Such kind of meetings (additional to NuSTAR annual meetings at GSI) are necessary and it is essential to hold them outside GSI. Some groups organize additional technical meetings (for example EXL/R3B).

10:20 C.S. enters the meeting

A dedicated symposium on ring physics has been organized on the last day of the Lund meeting. Boris Sharkov, the director of FAIR, joined the symposium. Nasser Kalantar was the main organizer.

The conclusion of the discussions was to push for the NESR to be built as soon as possible. The required additional costs are about 120 MEuro, which include the building and the installations. The financing is not clear. Nasser Kalantar is asked to prepare a letter to the FAIR management. He needs input from different collaborations on plans and "why NESR". P.W. shall contact Nasser and ask what input he needs from ILIMA.

H.W.: a combined effort (NuSTAR+SPARC+FLAIR) has better chances to be successful.
C.S.: The ILIMA strategy should be first CR, then the full beauty @ NESR.
C.K.: CR has a priority since the exotic nuclei of interest are short-lived. Thus the construction of the CR shall remain the main priority of ILIMA.

H.W.: Since the Low Energy Branch costs are significantly smaller than of the NESR, and thus it is much more realistic to finance, the NuSTAR puts its priority to push for the LEB. Additional aspect is, that there are significant additional costs if LEB cave is not built from the beginning.

H.W.: next meeting will be in Bucharest during the first week of October.

10:35 W.P. enters the meeting

H.W.: Only rough construction planning are done for the LEB and the NESR. No further planning is ongoing due to scarce finances.

5. Project Manager's report

H.W. made the project manager's report. The presentation will be put on the wiki web-page of ILIMA.

FAIR GmbH asks for new time plans of the experiments. Some collaborations have included into their plans also activities at the FRS and the ESR.
H.G.: The time plans shall be done in the same style and probably do not include present facilities.
H.W. shall update the ILIMA time plans.

TDRs:
C.K.: TDR are normally much more detailed than TR. We shall produce several part-TDRs.

1. Schottky detectors.

H.W.: Successful construction and commissioning of the new resonant Schottky pick-up.
Y.L.: Several such Schottky devices can be installed in CSRe in Lanzhou to test the principle of coherent read-out; or for running them in a mode with adjacent frequency bandwidths.
Y.L.: Experiments at TSR have been performed and showed that the sensitivity of the Schottky pick-ups can be increased dramatically by applying a weak detuned rf-signal.
Y.L.: Installing such detectors in the CR will enable also the "LI" (from the ILIMA name) experiments. However, the space in the CR is a problem and we have to look for possible solutions.

2. Time-of-Flight detectors

W.P.: Constant development. The TDR can be written when needed. C.S. suggested to write it by the mid 2011, the time for applying for the University funding, but can be done earlier.

C.K.: The earlier the better.
H.W.: There is not very much FAIR money available and it may go to those who will come first.
Y.L.: Operation of 2 time-of-flight detectors will be tested soon in the CSRe in Lanzhou. The results should go into the TDR.

3. Particle detectors

Not urgent.
Y.L.: Do we have space for pockets in the CR?
H.W. and Y.L. shall check that.

6. Financial matters

C.S.: TDR has to be accepted prior to the money being asked for, also outside Germany.

H.W.: NuSTAR MoU is being prepared.

7. Conferences and workshops

P.W.: ILIMA open meeting during the NuSTAR annual meeting.
Suggested speakers:
A. Dolinskii and/or F. Nolden “Status of the CR”
Guzman (Madrid) “Calculations employing Gogny forces”
Further suggestions shall be sent to P.W.

ARIS conference in Leuven.
P.W. shall find out whether a dedicated ILIMA presentation would be accepted by the organizers.

8. Web-pages
9. AOB

10. Date of next meeting

The next meeting will take place before the open ILIMA meeting on 01.03.2011 starting 10:00 AM.