

Comment from 02.03.2005: The local GSI group disapproved a few points and wants a corrected version to be circulated with the next mail to the whole community. The points mainly pointed out by Hans Geissel concern the

- “fixed” collaboration, not fixed but open only some contribution is expected.
- The spokesperson should not invite the speakers. However, this is not said he should only select. To my memory we really agreed that he should look for suitable speakers.
- The rationality (This is an improper word)
- And whether we are already a NUSTAR collaboration.
- Next time not the chairman but a separate person should take the minutes.

Minutes of the ILIMA collaboration meeting held at GSI on February 11, 2005

Present: *E. Badura, F. Bosch, D. Boutin, L. Chen, A. Dolinski, T. Faestermann, H. Geissel, J. Hoffmann, R. Knöbel, C. Kozhuharov, N. Kurz, Yu. Litvinov, G. Münzenberg, I. Nesmiyan, F. Nolden, Yu. Novikov, T. Ohtsubo, W. Ott, W. Plass, G. Vorobjev, H. Weick and M. Winkler*

Apologizes: *K. Blaum, D. Cullen, K.-L. Kratz, M. Matoš, F. Nickel, B. Pfeiffer, Z. Podolyak, D. Seliverstov, K. Sümmerner, K. Takahashi and P. Walker*

The ILIMA–collaboration met just after the NUSTAR community annual meeting (February 9-11, 2005), where the ILIIMA-project was presented by the ILIMA spokesperson.

The Agenda of the ILIMA-meeting on February 11:

- information about the activity since the previous meeting on September 2, 2004,
- information on the ILIMA project cost estimations,
- status of the contributions of countries,
- Memorandum of Understanding (MoU),
- policy in admission of new members of the collaboration,
- further activities.

The spokesperson of ILIMA (Yu. Novikov) prepared short information about these items.

* Since the last meeting the main activity was concentrated on the Technical Proposal (TP), which was written by the writing working group of ILIMA (responsible project manager H. Weick) and submitted to the NUSTAR Board in January this year. The TP will be evaluated by STI-PAC-TAC on March 14-16,

2005. The spokesperson and project manager will be available during the meeting in order to explain the requests.

It was noted also that recommendations expressed at the previous ILIMA meeting have been fulfilled: our decisions have been summarized and disseminated in the community; oral presentation of the spokesperson at the NUSTAR board on December, 2 and TP have been also distributed within the ILIMA community. The accelerator and the data processing and electronics groups of GSI have been strongly involved in the work on the TP. Representatives of MATS (a complementary to ILIMA Low energy branch mass measurement project) have been included in the working groups as well. The spokesperson contacted to representatives of institutions in order to clarify their potential possibility to contribute in the project.

Rationality of the ILIMA organizational structure, the construction of working groups and the distribution of tasks as presented in the TP has been confirmed at the meeting on February 11.

** The cost estimation given in the TP was a little bit increased in comparison to the LoI.

Since the information about money requests is a delicate one, the FAIR management suggested not to present project costs at the NUSTAR meeting. However within our ILIMA collaboration we can inform that the estimated project cost is 1.884 MEuro during the period 2005-2009, when at the end of 2009 the ILIMA-project should be ready for commissioning. The requirement for FTE is 9. ILIMA is one of the less expensive projects of FAIR.

*** The contribution of countries in the ILIMA is still under discussion, as it is for many other projects as well.

It is clear that Germany will provide the main part of investments. Recently ten countries signed the MoU for FAIR. Russia intends to contribute tens of MEuro to the FAIR and the distribution of these funds among the projects is under discussion. For a moment we have more or less clear knowledge that our colleagues from Japan, Poland, UK and USA intend to contribute in software development and by man power, whereas collaborators from Belgium and France will contribute by man power. A status of our colleagues from China and Greece is still unannounced.

The necessity for participants to apply for man power and possible financial contributions from their institutions or directly from financial agencies was again emphasized.

**** It was decided at the meeting that it is reasonable to prepare an own MoU for the ILIMA-collaboration.

This will help us to regulate our inner activity, on the one hand, and to help to prepare a common NUSTAR MoU, on the other. The spokesperson will contact the NUSTAR secretary on how our MoU could relate to a general NUSTAR

MoU. The activity with MoU should start after the approval of the TP by the FAIR management.

MoU can be considered as a document which expresses the intention to raise funds for the project.

***** Our collaboration was fixed in the TP submitted. It combines 67 participants from 19 institutions of 10 countries (see the presentation of Yu. Novikov at the NUSTAR meeting on February 9, 2005). However from time to time the spokesperson receives questions whether a person/team can join ILIMA. To regulate this problem it was decided at the meeting that contenders to collaborate should formulate their contribution (physics idea, equipment, software development, man-power or/and direct money etc.) and address to the spokesperson.

***** The further activity of the ILIMA community has been discussed. Forthcoming main milestones for this and next year are:
March 14-16, 2005 -- Evaluation of TP at the session of the STI-PAC-TAC of FAIR,
Autumn 2005 -- preparation of the ILIMA and NUSTAR MoU,
The end of 2006 -- submission of the Technical design report.

It is obvious that a technical part of the project should be developed steadily after the approval of the TP.

Meanwhile, it was noted that the physics part should also be promoted. In the LoI and in the TP the conventional physics goals have been declared. However, at the same time, they are formulated worldwide and are migrating from one facility project to another throughout the world. Even within these conventional problems the specific ones could be marked out favorably for ILIMA.

The most impressive could be qualitatively new physics ideas which can be explored just by means of mass and half-life measurements at ILIMA. Some examples of them have been discussed at the meeting and a suggestion to discuss such kind of new problems at the workshop was supported by the audience. The innovative technical approaches dedicated to our measurements can be presented at this workshop as well.

The spokesperson was asked to start a selection of relevant speakers for a workshop after the final approval of TP.

Minutes taken by Yuri Novikov