

TIARA meeting at CERN, September 2, 2009

Participants:

Roy Aleksan, Sergio Bertolucci (in the afternoon), Reinhard Brinkmann, Umberto Dosselli, Hartmut Eickhoff, Tord Ekelof, Alex Mueller, Steve Myers, Leonid Rivkin, Steiner Stapnes, Andrea Vacchi, Carlos Willmott, John Womersley

1) Welcome

The meeting was opened at 11:00 by Roy Aleksan who welcomed all participants to the meeting.

2) Approval of the Agenda:

The agenda of the meeting (appendix 1) was approved.

3) Presentation of the TIARA project:

Roy Aleksan presented the TIARA project mentioning that his presentation is essentially the version, which he will present to the SPC during the Council week in September while a shortened version will be presented at the Strategy session of the Council meeting. The presentation can be downloaded from the temporary TIARA website:

http://irfu.cea.fr/Projets/tiara/Phoce/Vie_des_labos/Seminaires/index.php?type=1&y=2009&id=3

After the presentation it was discussed how to present the project to the EC as there already are many similar structures. Therefore it is important to pay attention that there will be no duplication.

In the ensuing discussion the following points were discussed:

- Advantages and goals of the TIARA project
- How to implement the project
- The centralized coordination and its benefits compared to already existing bodies.

R. Aleksan noted that the EC is fixing the scope and the timing of the calls as well as the level of funding for the projects it approves. In the future, if TIARA project is created, it would be desirable that TIARA makes the calls and define the funding levels. He also stated that TIARA could make recommendations for upgrading/or constructing new infrastructures as well as their corresponding R&D programs. In addition, TIARA will help to coordinate all different aspects that the EC is not able to handle. To achieve these objectives, TIARA should be able to bring additional funding for the European accelerator R&D programme and infrastructures.

S. Stapnes mentioned that the TIARA proposal was preliminary discussed in the Council meeting in June and the feedback was positive. He assumed that even though the council may express some concerns it will accept the proposal in the September meeting.

It was also stated that if the TIARA Preparatory Board is recommending submitting the proposal to the Preparatory Phase call the recommendation has to be accompanied by a support letters from FAs/Labs and possible from the respective ministries.

TIARA Preparatory Board decided to support the submission of a Preparatory Phase proposal but it was agreed that the proposal needs to be re-examined before its submission.

4) Duration and Membership of TIARA-PP

It was agreed to keep the duration membership to 3 years, which could be extended by at most one year if necessary. A reasonable start date would be around May/June 2010, the end date being therefore April 2013.

The proposed guideline to have at most 2 contractors per country with large R&D infrastructures and one contractor for the countries which have not yet large R&D infrastructures but which are very active on accelerator R&D is accepted by all.

There was also a general agreement on the proposed initial list of contractors:

Number	Organization Name	Country
1 (coordinator)	CEA – Commissariat à l’Energie Atomique	France
2	CERN – European Organization for Nuclear Research	International
3	CNRS – Centre National de la Recherche Scientifique	France
4	CIEMAT	Spain
5	DESY – Deutsches Elektronen-Synchrotron (DESY)	Germany
6	GSI	Germany
7	INFN – Istituto Nazionale di Fisica Nucleare	Italy
8	PSI – Paul Sherrer Institute	Switzerland
9	Uppsala University (rep. Scand. Consortium)	Sweden
10	STFC – Science and Technology Facilities Council	UK

Each contractor should seek the labs/institutes that should be associated to TIARA in their own country.

R. Aleksan mentioned that 1 or 2 contractors could possibly be added.

He also pointed out that there is no contractor from the Eastern part of the EU, nor from Russia (be it Russian Labs or Dubna). He added that he had not spoken to Dubna or to Russian Labs, because he was not sure who to talk to, and furthermore it is in general very difficult to have them come to meetings. A better option would be to have them as associate partners. Associate partners are eligible to participate in WP activities and could have their travel expenses paid by the contractor through which they are associated. R. Aleksan reported that the CERN DG agreed to principle to have Dubna and Russian labs associated through CERN, if needed.

In reply to a question from T. Ekelof, R. Aleksan said that it was not clear whether Associate partners could be affiliated to two contractors. H. Eickhoff mentioned that GSI would be interested to have some Russian Institutes associated to it. However in general, it would seem preferable to set association through one contractor only. ***R. Aleksan will discuss with CERN and GSI to find the best solution.***

Although it would be preferable to define Associate partners in advance, **it was also agreed that they could be added afterwards if absolutely necessary**. Nevertheless this is not the preferred practice.

It was decided to explore further the possibility to have one contractor from the Eastern part of the EU. Suggestions mentioned were a lab from Hungary or one of the two labs from Poland (Krakow and Swierk (near Warsaw)). R. Aleksan specified that having Poland would

be politically important since it is the largest country in the “eastern EU” and they do have significant accelerator R&D activities. ***The members agreed that R. Aleksan should talk to both Polish Institutes and try to convince them and have a consensus between the 2 of them.***

R. Aleksan points out that the funding from EC goes to Contractors, which could then pay sub-contractors, if needed for hardware work.

5) Work Package Breakdown of TIARA-PP

The proposed TIARA Management Structure of TIARA PP can be found at the URL: <http://irfu.cea.fr/Projets/tiara/Phoce/Page/index.php?id=1>

R. Alekan went through all the WPs and asked whether one or more WP were useless and should be removed. He also asked the members to inform him before the Council meeting in case they think some important items are missing.

J. Womersley mentioned that Public Relations should play a more important role. Publicity should be done and enough resources for dissemination and outreach should be made available.

T. Ekelof stated that Dissemination and Outreach sounded pedagogical rather than political. In reply to his remark, R. Aleksan pointed out that Dissemination is what is done by TIARA, and Outreach is teaching people. In the EU language, dissemination means transfer of information.

The *Organizational WP* is mandatory, and is the link with the EC.

WP2: Governance of TIARA

All Contractors would participate in this WP. **It was agreed that the WP2 would be coordinated by the coordinator of TIARA, and should have the involvement of a member of the European Strategy Group (S. Stapnes, for example), in order to reassure the CERN Council.**

R. Aleksan asked the members whether some obvious issues were missing.

It was decided to reword maybe some bullets in order to express more clearly what is needed.

It was also decided to add some examples to issue no. 4: Interactions with other bodies (e.g. NuPECC, EUROFEL,...). U. Dosselli pointed out that this is important and there is a need of expanding knowledge and convincing the others of the importance of accelerators. This opinion reached a general consensus.

Issue no. 6 (Recommendation on National organization) should be removed as it was felt it was going too far.

L. Rivkin mentioned that the purpose/motivation of WP2 is to get more money for TIARA, and redistribute it.

The other Work packages were also briefly discussed and some clarifications were made. In general the issues addressed by these WP reached a consensus.

It was agreed that all outlined WP (WP1 to WP6) are necessary and should be kept. It was however stressed that some specific works within a WP need the outcome of some other tasks in a different WP. Therefore one should plan the timing of the work accordingly.

WP7-WPn

An extensive discussion took place. As a conclusion, it was decided to change the text introducing these WPs with the following:

The aim of these WPs is to identify and organize the infrastructures and the R&D programme needed to develop further the mentioned projects. It could include some very limited critical hardware work related to the R&D infrastructures.

Examples are:

CTF/CLIC
neutrino intense-beam facility
B Factory
EURISOL

It would be useful to have another of non-particle physics projects.

6) Organization Structure and WP Management of TIARA-PP

R. Aleksan mentions that composition of the Project Office is almost complete.

After discussion, it was agreed that there should be one Leader per Work package, with one or several deputies.

Members of the TPB are invited to send to R. Aleksan their suggestions for the name of the WP Leaders 3 to 6, by Tuesday evening, 8th September at the latest. Names for deputies would also be welcomed.

7) TIARA-PP General meetings

It was agreed that 3 meetings should be organized:

- The Kick-off meeting should be planned during summer (June-September 2010) and should be between the participants to the TIARA work. It could eventually be linked with a major conference (e.g. ICHEP 2010 or preferably to an Accelerator conference). In addition to the kick-off meeting, it will be important to have as many presentations as possible by the TIARA coordinator and the WP leaders at conferences, workshops, seminars to bring TIARA to the attention of the widest possible community.
- A Mid-Term meeting (end 2011 / beginning 2012) is deemed useful, with the widest possible audience (Town meeting).
- The Final meeting (in 2012/2013) is necessary with the widest possible audience.

8) Preparation of the CERN Council meeting

There will be two documents:

- One document describing the general idea of TIARA ("A Proposal for ensuring the sustainability of accelerator R&D in Europe"), essentially the document already distributed to the members of the TPB.
- and one document containing the breakdown of the Preparatory Phase proposal into Work Packages. Only the headlines will be mentioned.

9) AOB

A domain name has been bought for TIARA: eu-TIARA.eu

It will host the final TIARA Website

TIARA Logo

The chosen logo can be seen at the URL: <http://irfu.cea.fr/Projets/tiara/>

Date of the next meeting

The next meeting will take place on **Monday 2 November, from 11:15 to 16:30, at CERN, Room B**

Appendix 1

Draft Agenda

10:30 Coffee/Tea/refreshments will be served before the start of the meeting

Start of meeting

11:00 Welcome (R. Aleksan)

11:05 Approval of agenda (All)

11:10 Presentation of the TIARA project (R. Aleksan)

11:30 Next FP7 calls for Infrastructures (R. Aleksan)

11:40 Proposal to submit a Preparatory Phase proposal (R. Aleksan/S. Stapnes)
• *Discussion and decision (All)*

11:50 Duration and Membership of TIARA-PP
• Introduction (R. Aleksan)
• *Discussion and decision (All)*

12:30 Lunch (kindly offered by CERN DG in the GlassBox in restaurant 1)

14:00 Work Package Breakdown of TIARA-PP
• Introduction on WP and tasks (R. Aleksan)
• *Discussion and Decision (All)*

14:45 Organization Structure and WP Management of TIARA-PP
• Introduction on organization structure (R. Aleksan)
• *Discussion and Decision (All)*
• Introduction on WP management (R. Aleksan)
• *Discussion and Decision (All)*

15:30 TIARA-PP General meetings
• Introduction (R. Aleksan)
• *Discussion and Decision (All)*

15:45 Preparation of the CERN Council meeting
• Documents to be provided (R. Aleksan/S. Stapnes)
• Information of the Delegates (All)
• *Discussion and decisions (All)*

16:00 AOB
• *Web page and TIARA Logo*
• *Date of the next meeting*
• ...

16:15 Adjourn