

Minutes of the EB meeting on 15. February 2008

Time/place of the meeting: Gare du Lausanne, 15. February 2008, 10:00 to 13:00h

Present: Antonio Ereditato, Tatsuya Nakada, Martin Pohl, Ueli Straumann (chair)

1. **Agenda** was approved

2. **Minutes** of the last meeting were approved

3. **Visit of new state secretary Mauro dell'Ambroggio at CERN**

will take place on April 2nd. A detailed schedule will be worked out by U. Straumann in cooperation with the SBF, the Swiss group leaders and the CERN VIP service. As the site visit ATLAS is chosen, the other experiments will be presented by younger Swiss people.

4. **Status reports of open items:**

- The **DevDet** proposals to the FP7 were followed up by Martin. Of the 11 workpackages, 4 are interesting for the Swiss community. The irradiation facility at PSI is also included.

In this context it was mentioned, that the Laguna project (PI = A. Rubbia) will be supported by the EU. Its intention is to pursue a site study, where the next large underground detector (astroparticle physics and proton decay) could be hosted.

- CHIPP workshops:** Table is unchanged, but repeated here for convenience:

<i>Research field</i>	<i>Responsible</i>	<i>Date</i>	<i>Place</i>
Detector R&D (all research fields)	M. Pohl	11./12. June 2008	Univ. of Geneva
"Beyond present generation neutrino experiments"	A. Ereditato / A. Rubbia	18./19. Nov. 2008	ETH Zürich
High energy frontier	U. Straumann	January 2009	Uni Zürich
Astroparticle	T. Nakada	June 2009	

- CHIPP prize:** Antonio presented an advertisement, which was accepted with small corrections and will be sent to the CHIPP board members and published on the chipp web site.

- contact to **SPS:**

U. Straumann had a conversation with Klaus Kirch, on 6.Feb..08, with the following conclusion: The common effort with the CHIPP group leaders has resulted in a significant improvement in participation of young people, giving presentations at the yearly SPS meetings. But, it would be helpful, if the professors would also participate, in order to trigger more lively discussions after the talks. The CHIPP will receive an official invitation to the centenary (June 27th). In spring 2009 there will be a common meeting with Austria, the exact date is not fixed yet. The SPS would expect a plenary contribution from particle physics at that meeting, probably about LHC.

- **RRB:** As decided earlier, T. Nakada is the official Swiss representatives to the RRB for the LHC experiment. U. Straumann to write a letter to Jos. Engelen (done in the meanwhile).
- **CHIPP tables:** There was a short discussion about details how to present the tables. There should be one column per experiment, not only a summary (e.g. “LHC”). The columns should be ordered along the three pillars.

Clearly the tables are wish-lists, which have been coordinated and judged by the CHIPP members. But CHIPP is not and will never be a funding agency. Its role is to plan for the required resources in order to contribute to the scientific development in our field (thus, implementing the roadmap). The tables should contain reasonable numbers w.r.t. to the Swiss boundary conditions.

In this context it was decided, that the total financial and intellectual investments into the design and construction of the LHC experiments should be summarized in a transparent way.

- **Swiss contributions to new large scale, international research facilities**

The next opportunity to receive larger funding lines from the federal government is in the budget period 2012-2015. For this a well prepared request should be handed in to the SBF latest by end of 2010.

The main driving force must be bottom up, reflecting the scientific interests and capabilities of the Swiss research community. In order to come up with well defined projects for this period, the following schedule of activities is foreseen:

1. During 2008: discussion on possible projects, come up with a list of possible projects until September 2008
 2. During 2009: discuss details of the Swiss contributions by the interested groups, held workshops on these projects, make ideas known to all relevant people.
 3. During 2010: Evaluation of the projects (concentrating on the capabilities of the Swiss groups involved), by an international peer review committee. Prepare final request to SBF.
- The Swiss physics teachers should be informed about the **CERN teachers program**. U. Straumann to write letters. T. Nakadas to provide a list of teachers from the french part of Switzerland.
 - There is a new Swiss contact person for the **communication network with CERN**: B. Greber at the ETHZ. Contacts with SBF and G. Dissertori have been established.

5. Status of SUK-IKP money.

- The final money flow profile is now known. Based on this a new schedule was worked out by U. Straumann. Due to unforeseen delays, due to the fact that all PhD student salaries have been moved to PRODOC and because we expect some overhead money from PRODOC, we can now allow ourselves to hire one more PostDoc (i.e. 10 in total) as specified below:

<i>Group</i>	<i>Starting April 2008</i>	<i>Starting October 2008</i>	<i>Starting Juli 2009</i>
Atlas, UniGe	1		1
Atlas, UniBe	1		1
CMS, ETHZ	1		1
CMS, UniZH		1	
LHCb, EPFL	1		1
LHCb, UniZH		1	

- There were 15 applications received in response to the first advertisement for the CHIPP-LHC

PostDocs. (added after the meeting: a total of 33 applications until March 1.) This is a great success. The group leaders may now select some candidates to be invited for discussion and presentations. If so, a representative of the CHIPP EB (=selection committee) will take part in this discussion as an observer. The CHIPP EB will decide on the selections in its regular meetings (next opportunity is March 14), based on the recommendations of the group leaders.

- There is a lot of yearly reporting requested by the SBF, details to be understood.
- A letter to be written by U. Straumann to the rectors, reminding them on their own contribution to the project.
- The role of the foreseen administrative position was shortly discussed.
- Martin will provide a draft request to **PRODOC** for an education module (containing graduate school overhead) before the next CHIPP board meeting. First research modules (containing PhD salaries) will then be asked for by October 1st, 2008.

6. a.o.b.:

- The CHIPP EB thanks very much to Guenther Dissertori and Thomas Gehrman for organizing the very successful CHIPP school in Näfels/Glarus. Apparently this was a great success, many more students than expected had participated. The students judged almost all lectures to be excellent.
- For the next CHIPP plenary we will propose to change the constitution, such that it allows for “one to three” members of the EB as deputies of the chairperson, instead of exactly two as it is now.
- T. Nakada and M. Pohl coordinate possible presentations of the Swiss community at the day of the open doors at CERN on April 6.

The meeting ended around 13:00h.
March 4th, 2008

Ueli Straumann