

## Minutes of the EB meeting 2014-07 on 27 October 2014

**Time/place of the meeting:** Monday, 27 October 2014, 12:45, ETH-Rat, Effingerstrasse 6a, 3001 Bern

**Present:** Gilberto Colangelo (GC), Teresa Montaruli (TM), Olivier Schneider (OS, Chair), Marc Türlér (MT, Secretary), Rainer Wallny (RW)

**Guest:** Hans Peter Beck (HPB, on Vidyo) for item 6.

The Chair opens the meeting at 12:50.

### 1. Agenda

The agenda is agreed.

### 2. Apologies

None

### A. Administrative items

#### 3. Minutes of the EB meeting 2014-06 (13 October 2014) ([→ document](#))

The minutes are approved with two minor modifications. The addition of a sentence stating that Tristan Maillard is succeeding Paul Burkhard as SNSF delegate at the ApPEC General Assembly and the correction of a typo in the initials of GC. RW then suggests inviting Paul Burkhard at the next Board meeting to say good bye. This is agreed as Burkhard was the SNSF observer at the CHIPP Board for many years and is now retiring.

→ MT: to notify Tristan Maillard to become the new SNSF observer at the CHIPP Board

→ MT: to invite Paul Burkhard to the CHIPP Board 2014-03 and provide a card to be signed

#### 4. List of Actions

The provided list of Actions did not lead to discussions.

#### 5. Next EB meetings

- 2014-08: Friday, 28 November 2014, 10:15, ETH-Rat, Bern

This meeting is confirmed. Adrian Signer agreed to join in, as he will start to serve in the EB in 2015, succeeding GC. This meeting will be followed as usual by the end-of-year EB lunch. MT proposes to invite also Jean-Pierre Ruder as former CHIPP Administrator to the lunch. This is agreed to thank him for his activities this year with the writing of the annual report and his replacement of MT at the CHIPP Plenary meeting in Fribourg.

→ MT: to invite Jean-Pierre Ruder to the end-of-year EB lunch

### B. Items for discussion

#### 6. Swiss EPPCN Member

HPB joins on Vidyo to see if there is an obvious way forward with the Swiss EPPCN member. OS mentions the document prepared by MT summarising the issues towards finding a new Swiss EPPCN member and the answer received from Benedikt Vogel about his willingness to take this role. HPB thinks that the answer is not negative, although it is true that this position is not the prime interest for Vogel. All depends a bit whether or not the SNSF Agora request starting in Feb. 2015 for 18 months will be accepted or not. If it is accepted, Vogel would be willing to do also the EPPCN coordination work at least until the end of the Agora request. On the question whether to link the EPPCN coordination with the development of the SCNAT thematic portal on particle physics, HPB thinks that the latter is independent and that it should be a CHIPP

decision whether to migrate "particlephysics.ch" on the SCNAT website or not. Asked by OS, he adds that this would be inline with the current Agora request. The costs involved for having a professional journalist would significantly exceed the 5kCHF from CERN plus the 5kCHF that CHIPP could contribute, according to the estimate provided by Vogel. HPB thinks that this estimate is reasonable and would not differ much if we would ask another free-lance journalist. OS proposes to ask SERI to cover the missing funding. RW and TM are a bit concerned that making an official request from CHIPP to SERI for such a small amount could be counter productive for the real big issue of future FLARE funding of CHIPP projects. OS then suggests to approaching SERI rather in his position of CERN Council delegate. RW agrees that this is maybe better and suggests mentioning that it is a source of embarrassment that Switzerland has no EPPCN member and that just 10 kCHF/year could solve this problem. HPB asks whether he could approach already potentially interested journalists. RW also mentions the possible interest by somebody in the CERN outreach group. OS agrees to have these people approached informally. The topic is closed with several actions to be taken.

→ MT: to circulate the cost estimate by Vogel inside the EB

→ MT: to make final updates to the document on the EPPCN member

→ OS: to contact Martin Steinacher (SERI) to present him the issue

## **7. Presentation at the Round Table International**

OS shows on the screen the agenda of the 7<sup>th</sup> Round Table International (RTI) to be held in Bern on 3 Nov. 2014. OS proposes to present the high-energy frontier and neutrino physics, whereas the astro-particle (ApP) pillar will be covered by TM in the ApPEC talk and CTA will be the subject of the talk by Ueli Straumann. Asked by RW about the main message, OS points out the problem with the increase of needed funds from 2017 onward, in particular for the LHC Phase-2 upgrade. OS then presents on screen the draft slides he prepared. This triggered some discussion. Concerning the huge needs for ATLAS and CMS for the Phase-2 upgrade, RW mentions that the needs have been formulated in Jan. 2014 for the update of the Roadmap on research infrastructures (RIs). The ETH Domain is aware of the needs and will speak with CRUS to see how to finance this. GC wonders from where the extra money could come. OS says that in the end it is the Swiss government who decides how much goes to CRUS, ETH Domain, SNSF, etc. OS proposes to show a slide on the Future Circular Collider (FCC) as he thinks it is important for Switzerland to support this project to ensure the long-term future of the CERN in view of all the positive repercussions of its presence in Switzerland. Concerning the various on-going activities on neutrino physics, RW sees an additional funding issue in the years to come, but thinks that this will come later and is less firmly established compared to the LHC Phase-2 upgrade. On the table presenting the projects included in the inventory of RIs, TM proposes to add the numbers for the three new CHIPP-related projects (CTA, DARWIN and a short baseline neutrino facility) having answered the call for new RI. This is agreed. RW also suggests to include in the presentation the evolution of the CHIPP strategy with the CHIPP roadmap, its update, the ApP white paper and the upcoming neutrino white paper. The end of the discussion was about CTA. TM reminds that the RTI is where we should bring up the issue about CTA not being part of the roadmap of astronomy prepared by CHAPs, while astronomers are obviously reviewing this project for SNSF. GC sees this as unfair and RW agrees that the RTI shall be a forum where we put problematic issues on the table. OS agrees to add this point to the presentation, pointing out the oddity of the Swiss roadmap position in view of the strong support to CTA in the ASTRONET roadmap.

→ OS: to update the presentation and to send it to the EB by the end of the week

## **8. Presentation at LA FLARE**

OS introduces the topic reminding that last year the CHIPP Chair, Klaus Kirch, made a single presentation for both particle physics (PP) and astro-particle physics (ApP) at the Lenkunsausschuss (LA) FLARE meeting. OS thinks that doing so makes the unity of CHIPP clearer. It is agreed that RW will give a single talk for CHIPP. RW proposes to ask the FLARE contact persons for providing one slide each on their experiment. These would be RW for CMS, Giuseppe Iacobucci for ATLAS, OS for LHCb, TM for CTA, Laura Baudis for XENON/DARWIN and probably all three PIs for neutrinos. RW is wondering how CHIPP shall deal with all the neutrino projects. OS reminds that the LA FLARE meeting is scheduled before the submission deadline of FLARE requests, because its aim is discussing the global strategy and not the detail of the individual proposals. The CHIPP priorities should therefore be rather general. OS thinks that ideally the neutrino PIs should team up and come with one request on liquid argon (LAr) R&D in view of the next long baseline neutrino project. This view is shared by TM and RW. RW thinks that R&D for the Long-Baseline Neutrino Facility (LBNF) should get priority as there is a clear push in the US for LBNF. TM warns that the draft of the executive summary of the neutrino white paper is not making clear prioritisation, and thinks that therefore the

EB cannot make a prioritisation on its own. RW thinks that making prioritisation is the main purpose of LA FLARE and the absence of consensus on neutrinos in Switzerland weakens the CHIPP position in LA FLARE. He then goes to the white board to draw the timeline for the various new projects with submitted letters of intentions (Lols). It was found useful to know about the evaluation of the Lol, submitted in Nov. 2013 for DARWIN and MicroBooNE. OS thinks that this will anyway be part of the documentation to be received from SNSF in preparation of the LA FLARE meeting. TM comments that the SHIP experiment is likely to send in an Lol this year, but this is not so much of a concern for this year according to RW. Further discussions confirmed that the best would be to support R&D for the CERN neutrino platform. OS thinks that this could be a way to encourage the submission of a single FLARE proposal which would lead to collaborations and synergies between the three groups on neutrinos. RW suggests to present the proposed prioritisation at the Board meeting, although he is aware that this might lead to a lively discussion. OS agrees that this would be an open attitude. The topic was closed with the discussion whether we need to have the short "LA FLARE" CHIPP table shown at the meeting. It was decided that this would be rather for the back-up slides.

- RW: to contact the PIs for providing a slide for each experiment
- RW: to make a draft of the recommendations for LA FLARE prioritisation
- MT: to make this a discussion item in the agenda of the Board 2014-03
- MT: to update the small "LA FLARE" CHIPP table for a back-up slide

### **9. CHIPP website on SCNAT platform**

OS shows the preview of the sample CHIPP page prepared by MT on the SCNAT web platform. Due to lack of time, this was not much discussed and it was decided that we do not bring this as a discussion item at the Board meeting, but rather as an information item. The message being that we will for the time being only make an entry page on the SCNAT platform linking to the current CHIPP website.

### **10. Board meeting: agenda and documents**

OS quickly goes through the documents to be distributed to the Board in preparation of the meeting of 6 Nov. There was not much discussion on this point and the documents were found to be adequate. The main change in the draft agenda is the replacement of the CHIPP website discussion by the LA FLARE discussion (see items 8 and 9 above).

- MT: to update the agenda and distribute the Board documents

## **C. Items for information**

### **11. FLARE M&O request 2015**

OS briefly informs that the preparation of the FLARE LHC M&O request is on going. We are slightly behind schedule, implying more efforts towards finalisation.

### **12. Status of future meetings**

This item was skipped as there is nothing special to be reported/discussed about the following meetings:

- CHIPP PhD Winter School, 18–23 January 2015, Grindelwald
- SUGAR 2015: Searching for the sources of galactic cosmic rays, 21–23 January 2015, Geneva
- CHIPP Plenary 2015, 29 June – 1<sup>st</sup> July 2015, Château de Bossey, GE
- SWEPPS 2016: Strategy Workshop on High-Energy Particle Physics in Switzerland, early 2016

### **13. A.O.B.**

MT reminds OS about the invitation from the Swiss Commission on Space Research (CSR) to nominate somebody to serve as official link person between CHIPP and the CSR. This person would be invited as an observer to the CSR meetings with no voting rights. TM suggests Xin Wu to become this observer in CSR. This is found to be a good idea.

- OS: to discuss with Martin Pohl the nomination of Xin Wu as the CHIPP observer at the CSR

The Chair closes the meeting at 17:20.