

## Minutes of EB meeting 2014-08 on 28 November 2014

**Time/place of the meeting:** Friday, 28 November 2014, 10:15, 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:** Adrian Signer, as new EB member as from 1<sup>st</sup> January 2015.

The meeting is followed by a lunch at the restaurant Veranda, Schanzeneckstrasse 25, Bern.

The Chair opens the meeting at 10:20 and welcomes AS joining the EB for the next two years. He also informs that Jean-Pierre Ruder will join the EB end-of-year lunch after the meeting.

### 1. Agenda

The agenda is agreed.

### 2. Apologies

None. As announced, GC joins about one hour later because of other duties.

### A. Administrative items

#### 3. Minutes of the EB meeting 2014-07 (27 October 2014) ([→ document](#))

The minutes are approved with a small addition suggested by TM on her intervention in item 8 about the LA FLARE presentation: “and thinks that therefore the EB cannot make a prioritisation on its own”. RW mentions that the LA FLARE priorities presented by CHIPP shall be made available on the CHIPP website as it was done in previous year.

→ MT: to add the LA FLARE priorities on the CHIPP website

#### 4. List of Actions

OS asks whether there are comments on the action list. As this is not the case, he points out that the main open items concern the Swiss EPPCN member and the announcement of the CHIPP Plenary 2015. This has to be taken care of in the coming weeks.

#### 5. Next EB meetings

OS shows the outcome of the poll to fix the EB and Board meeting dates for 2015. Although the Board meeting of next November was fixed by a poll among the Board members to 6 November, this was now found to be too close to the LA FLARE meeting meanwhile set to 9 November. It was thus decided to shift this back by two weeks to Friday, 23 October at 13:15. The complete list of meeting dates was approved as follows:

EB 2015-01: Tue, 3 February, 12:15

Board 2015-01: Fri, 6 March, 13:15, Bern

EB 2015-02: Fri, 27 March, 12:15

EB 2015-03: Wed, 13 May, 12:15

EB 2015-04: Fri, 29 May, 12:15

Board 2015-02: Mon, 29 June, ~10:30, Céligny

EB 2015-05: Tue, 25 August, 12:15

EB 2015-06: Wed, 23 September, 12:15

EB 2015-07: Fri, 2 October, 12:15

Board 2015-03: Fri. 23 October, 13:15, Bern

EB 2015-08: Fri. 27 Nov. 10:15, followed by the EB lunch

The preferred location is in Bern at the ETH Rat, which gives full satisfaction.

→ MT: to reserve the room at the ETH Rat for the foreseen dates

## **B. Items for discussion**

### **6. Attribution of EB tasks for 2015**

OS proposes to quickly discuss the attribution of EB tasks for 2015. As the successor of GC, AS is foreseen to take over the responsibility of the CHIPP Prize. AS agrees to take this task. He is asking about information and whether the prize committee is to be renewed. OS answers that this is up to him to inquire who is willing to continue in the committee and who is not. There is also the question of conflict of interest in case one of the candidates has a supervisor in the committee. OS mentions that TM is officially in charge of the CHIPP financial tables. TM recognises that actually OS worked a lot on these tables to make the automatic plots. OS proposes to keep the issue open until after the Board discussion (see item 8 below). As for RW, it was already discussed at an earlier EB meeting that he could take over the preparation of the FLARE M&O request for 2016. This is more or less agreed again.

→ MT: to update the list of CHIPP functions and tasks on the web site

→ MT: to send the CHIPP Prize documentation to AS

→ AS: to clarify the composition of the CHIPP Prize committee for EB 2015-01

### **7. Neutrino strategy: next steps**

OS updates AS on what happened at the last Board meeting. The presentation of the proposed LA FLARE priorities, the animated discussion that followed and the final poll to have these priorities modified for what concerns neutrinos. OS mentions that Martin Steinacher and Pascal Fischer were both at the Board meeting and could see how the discussion went. He thinks that the conclusions of the LA FLARE panel are therefore likely to be closer to the original EB proposal than to the less restricted prioritisation finally presented by CHIPP at LA FLARE. RW reminds that the European strategy does not mention the short baseline, whereas the US P5 does by seeing it mainly as R&D in view of the long baseline. He adds that the short baseline does not go through full review as it is seen as R&D for the LBNF rather than a physics experiment on its own. TM adds that the SNSF FLARE panel makes an evaluation of the submitted letter of intent and the outcome was that MicroBooNE was not encouraged to submit a FLARE proposal. OS proposes to focus on the next steps. He proposes to write to the neutrino PIs. Shall we ask for the complete neutrino white paper document to be ready to be approved at the next Board meeting? TM thinks that a clarification of the schedule and the prioritisation is needed compared to what was presented in the executive summary of this document. She thinks that it would be better to wait for the FLARE results, which will be known in April, before requesting a clear prioritization and schedule. After results are known, she thinks it should be made clear to the neutrino PIs that the EB is not satisfied by the absence of clear prioritization and that the neutrino document should contain a table with spending profile and budget evolution as it was done in the White Paper on astroparticle physics. She proposes therefore to rather ask for the final document to be ready for the Board of June. TM also mentions possible important evolutions in the field coming in April when a second global conference on neutrinos is being organized by ApPEC at Fermilab. Moreover, there may be updates from the committee attended by Antonio on behalf of SNSF and SERI. RW stresses that there is a real weakness in our strategy on the neutrino pillar. If CHIPP cannot prioritize the neutrino projects upstream, SNSF will do it downstream. There is also the risk that neutrino projects take resources needed by other pillars in the FLARE common pot. OS concludes the discussion by stating that the deadline for the White Paper to be ready for the Board 2014-03 was missed. We should ask for a plan in January and see if it is more appropriate for Board 2015-01 (March) or 2015-02 (June). TM thinks that Board 2015-02 would be the correct time for things to get settled and that this should be a sharp deadline (no further delay). OS suggests to take the decision at the EB 2015-01.

→ OS: to contact the neutrino PIs for finalisation of the white paper (content and schedule)

### **8. CHIPP Tables: next steps**

OS reminds that the next step is to organise the meeting with interested PIs to converge on the format of the tables as agreed at Board 2014-02. He thinks that an EB discussion is needed before that at EB 2015-01 and there shall ideally be a teleconference before this among RW, TM and OS. The meeting should then be

scheduled for mid-February or so. TM adds that people should have a careful look at the tables before this meeting. MT asks whether we shall again ask for the FLARE proposals and business plans as last year. This is agreed and shall be motivated by the Board decision of last year.

→ MT: to organise a meeting around mid-February with the interested PIs

→ MT: to organise a teleconference before EB 2015-01

→ MT: to ask PIs for the FLARE proposals and business plans

## **9. CHIPP Plenary 2015: ideas for themes and structure**

OS invites the EB to think about the scientific content of the CHIPP Plenary 2015. GC notes that he will not be able to attend this meeting. OS reminds that two years ago (2013 in Sursee) there were more talks by PIs of experiments and other senior people with the aim to discuss the strategy in a more top-down approach. For 2015 we can choose what we want. He also mentions the suggestion by Antonio Ereditato at the last Board meeting to focus more on a specific topic. Concerning the structure there are at least four half-days (including the formal Plenary) at disposition. He wonders if it would already possible to have some very first results from the restart of the LHC or at least on the status of the experiments. He also thinks that theory should be well represented. There is also the possibility to invite special guests. MT adds that the minutes of Board 2012-03 mention that a technology transfer talk shall be included every second year. TM thinks that this is a good idea and RW mentions that Günther Dissertori is involved in technology transfer. TM adds that this can also be about medical applications or something on the preparation of the next LHC upgrade, either theory or machine oriented. OS proposes to invite Frédérick Bordry for a pure machine talk on the LHC. RW recalls that in Sursee we had an invited talk by Bruno Moor (SERI). On the question whether the topic should be more focused, OS mentions that in Ittingen (2012) all fields were covered and thinks that people come to hear an update on every topic, otherwise they will just not come. RW agrees that it would be good to have an overview. GC reminds that in Ittingen, there were quite a lot of theory talks. Asked by OS whether there is something special deserving attention to ramp up collaborations like the Flavianet Lattice Averaging Group (FLAG), for instance, GC thinks that we could rather have something general on theoretical ideas post LHC restart. AS finds however that one should wait until there are first results, because otherwise there is no new information. RW agrees. OS asks about astroparticle physics. TM mentions that we could ask Laura if there are new science results from XENON. For CTA, there is not so much to report as there are no results yet. Could we maybe have a talk on GERDA? OS asks what about neutrinos? AS suggests inviting somebody to give an outside perspective. This is found to be a good idea. TM also proposes to accommodate for new results from IceCube and OPERA. For CP violation, she suggests to invite Silvia Pascoli. OS retains from this brainstorming the following items: technology transfer (PSI activities not to be forgotten), news on the LHC, news on astroparticles, outsider view on neutrinos. He stresses that we should have something well defined in February, especially for what concerns outside speakers to be invited. He invites everybody to think about it over the Christmas and New Year period and to plan for bringing the outcome to the Board of March.

→ MT: to prepare the planning of the sessions

→ All: to think about the content and the potential speakers

## **10. CHIPP website and database issues**

MT quickly mentions that there is the need to change the domain name provider for the CHIPP website ("chipp.ch") and also that a module used by the CHIPP member database will not be maintained anymore after March 2015. This database issue requires an alternative solution on a timescale of a year or so.

→ MT: to transfer the "chipp.ch" domain to a new domain name provider

→ MT: to discuss alternatives to the current CHIPP member base with Roland Bernet (UZH)

## **C. Items for information**

### **11. FLARE M&O and computing requests 2015**

OS reports that both FLARE requests under the CHIPP responsibility have been submitted on time. CHIPP has received copies of both of them.

### **12. CHIPP membership fees 2015**

OS reports that the call for CHIPP membership fees 2015 has been sent out to representatives of the different institutes on Monday, 24 November 2014 both per e-mail and per post. The total amount to be

collected is slightly higher than in the budget at 92'910 CHF.

### 13. Status of future meetings

- CHIPP PhD Winter School, 18–23 January 2015, Grindelwald  
No new information received from Vincenzo Chiochia.
- SuGAR 2015: Searching for the sources of galactic cosmic rays, 21–23 January 2015, Geneva  
As it is a conference supported by CHIPP, it was felt important to send out an announcement to all CHIPP members.  
→ MT: to send out an announcement of SuGAR 2015 to all CHIPP members
- CHIPP Plenary 2015, 29 June – 1<sup>st</sup> July 2015, Château de Bossey, GE  
MT reports that the contract is getting finalized. Due to some rooms occupied by another group coming every year at this period it might be needed to accommodate some participants in Founex. This would be taken care of by the Château de Bossey at the same price and with arranged transportation. It is of course not optimal, but would only be needed in case of a big attendance.  
→ MT: to finalize and sign the agreement with the Château de Bossey
- SWEPPS 2016: Strategy Workshop on High-Energy Particle Physics in Switzerland, early 2016  
OS note that one must make sure to properly involve also ATLAS and LHCb. In spring we should get started with this.

### 14. A.O.B.

In absence of an A.O.B., OS takes the opportunity to thank GC for his active participation in the EB since 2012 and all the work done for the CHIPP Prize over these three years. He adds that it was a real pleasure to have him and that it is important to have a theorist in the EB.

The Chair closes the meeting at 12:25.

14 January 2015

written by: Marc Türlér

approved by: Olivier Schneider