

## Minutes of the EB meeting 2018-02 on 7 March 2018

**Time/place of the meeting:** Wednesday, 7 March 2018, 10:15, SCNAT (room Jungfrau), Laupenstrasse 7, Bern

**Present:** Günther Dissertori (GD), Tatsuya Nakada (TN, Chair), Adrian Signer (AS), Michele Weber (MW) and Angela Benelli (AB, Administrator)

### 1. Agenda

The agenda is approved.

### 2. Apologies

None

### A. Administrative items

3. **Minutes** of the last meeting (2018-01) are approved. (→ [document](#))

### 4. List of Actions

TN goes through the list of actions, many of the items will be covered later being in the meeting agenda.

Action 2017-02 – 12 School payment by SNSF for PhD students: immediately after the meeting TN received an email from Marc Türler with an important update on the issue of the SNSF payment for PhD students' participation in Schools; AB has included this information in these minutes.

Marc Türler reported on his meeting with the relevant persons at the SNSF that has confirmed the decision which was taken 4-5 years ago. The idea behind this decision is that SNSF does not want to fund education as this shall be the prerogative of the universities and institutes. What is not acceptable therefore is a school that has no direct link with the current research project of the PhD student, as this would be seen as broadening of the knowledge of the student without a benefit for the research project being funded by SNSF.

The request is therefore to be assessed on a case-by-case basis. Given the specificity of the Zuoz School and the CHIPP Winter School, Marc thinks it is legitimate to ask for SNSF funding for PhD students working in a specific field addressed by the school (theoretical PP for Zuoz, for instance). This even more so, if the students can present a poster of their work, as he remembered that this was the case for the last CHIPP Winter School, which makes the link with their own research.

### 5. Next EB meetings

- EB 2018-03: Friday, 4 May 2018, 10:15 SCNAT
- EB 2018-04: Friday, 15 June 2018: 13:30 SCNAT

AB→ To add to the CHIPP agenda:
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| <ul style="list-style-type: none"><li>• Board 2018-02: Tuesday, 28 August: 10:00 EPFL</li><li>• Plenary 2018: Tuesday, 28 August: 13:30 EPFL</li></ul> |
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### B. Items for discussion

### 6. Nominations within CHIPP

There are several elections that should be held at the next CHIPP Board and Plenary meetings. TN presents the positions up for election at the next Board meeting and requests nominations where necessary.

- **APPEC General Assembly scientific delegate: Teresa Montaruli** (U. Geneva) accepted to continue from January 2019 to January 2021
- **CHIPP Account Auditor: Ben Kilminster** (U. Zurich) accepted to continue from June 2018 to June 2020
- **EPPCN representative: Angela Benelli** (CHIPP) accepted to continue from December 2018 to December 2020
- **CHIPP Executive Board: Adrian Signer** (PSI) would like to step down, we will request nominations
- **ETC\* representative: Gilberto Colangelo** (U. Bern) accepted to be the Swiss ETC\* representative from August 2018 to August 2020

TN goes through the elections to be held at the Plenary meeting:

- **ACCU: Michael Dittmar** (ETHZ) would like to step down, we need to request nominations
- **Plenary-ECFA representative: Lenny Rivkin** (PSI-EPFL) & **Olaf Steinkamp** (U. Zurich) cannot be extended after December 2018, we need to request nominations for two posts, one of this will be considered also for the **Restricted ECFA. Andreas Knecht** (PSI) accepted to continue from January 2019 to December 2020.

AB→ Send e-mail for nominations (deadline 2 May)

## 7. Strategic workshop(s) of 2018

TN reports to the EB the status of the registrations at the SWITCH Workshop of April: there are only 49 registered persons. TN sent an email to several Professors to encourage post-docs and students to participate. GD will spread the message between the ETHZ Professors. PSI has a very good level of participation. AB adds that some of the speakers and conveners have not yet registered. We should get close to 120 participants to be sure that the price foreseen is correct.

TN notices that representatives from Theory are missing. AS will talk to theoreticians to see why they have not registered yet and he will stress with them the importance of their presence at the Workshop.

AS reminds the EB that the Theorist community had expressed their discontent that Theory had not been covered appropriately during the ECFA presentation in Switzerland. He proposes to contact this community and inform them that this is very likely to be repeated if they do not participate in the CHIPP activities such as the Workshop where the decisions for the future will be taken. GD and AS will participate next Thursday and Friday at the PhD seminar days in Zurich and they will invite students. Note that it has been stressed several times at the Board meetings that this Workshop is open to everybody in CHIPP, we would like to have everybody involved in the discussion.

TN shares several received emails:

### 1- Guideline for submitting input for the 2020 update of the European Strategy for Particle Physics.

TN commented to the Strategy Secretariat that the guidelines they provided are too much focused on the project submission. For the national communities who would present a higher-level priority discussion, they do not fit. The EB agrees.

There will be a Council meeting next week, O. Schneider will try to clarify the issue. GD will contact J. D'Hondt to have his opinion. S. de Jong told TN that he had the same opinion when he read the guidelines.

### 2- ESPP update process related meetings

The Strategy update process will include two major events: an "Open Symposium" and a "Strategy Drafting Session" to prepare the final document of the European Strategy. O. Schneider wondered if Switzerland would be interested in making a proposal to organize one of these two events.

- The Open Symposium, to be held in the second half of May 2019, at which the community will be invited to debate the scientific input into the Strategy update; it is expected to host around 500 participants.
- The Strategy Drafting Session, to be held in the second half of January 2020. Around 80 people will attend and it will take place over a full working week with most of the participants likely to

arrive on the Sunday.

If we are interested, we should send our proposals to host either one or both of these events to the Council Secretariat by 4 May 2018.

The EB finds the idea that Switzerland hosts the Strategy meeting with the support of SERI very interesting. TN proposes to discuss possibilities with SERI; the Strategy Drafting Session would be a better size event for CHIPP and Switzerland. We have to check if the comfort and service will be good in January in the Conference Centers. Several ideas for the venue are proposed: CSF in Ticino, at the Kleine-Scheidegg (Jungfrau), Beatenberg (Bern), Rothorn (Bern), Rigi (Lucerne), etc.

TN → contact SERI and maybe they will propose a place.

- 3- An email from Xavier Reymond expressing SERI's support for the SWITCH Workshop.

The EB finds this very encouraging and it would be honored to have Bruno Moor at the first meeting, in the Opening of the Workshop if he is available.

TN → officially invite Bruno Moor at the SWITCH Workshop.

A discussion about the Workshop's Program starts, it's important to check that nothing is missing.

MW reports to the EB that the program is almost complete. There are some conveners that should still give input and some speakers have not replied for accepting to present their topic, in particular, in the session Detectors and Accelerator R&D. If the speakers will not be available L. Rivkin and I. Kreslo will provide the talks themselves.

The Infrastructure session, which has been added at the last moment, has the potential to become the most important session.

Michele reminds the EB that every session has a theory presentation; the Program Committee has decided to have in each session the theory and experimental perspective together.

TN wonders if there are any presentations on Gravitational Waves. The program Committee has not foreseen any specific talk on GW. People that are interested in GW in Switzerland are mainly in the Astronomy field such as Philippe Jetzer (he is member of CHAPS), but not in Particle Physics. Maybe Ruth Durrer will cover the GW topic. Other people involved in GW are mainly working on the electronics for the experiments and on data processing. GD reminds the EB that there will be a Gravitational Waves Workshop in April in Zurich and maybe we could involve this community to give us some input on Gravitational Waves in our Roadmap, invite them at the workshop in September. TN reminds the EB that there was a Brain Storming at CERN on Gravitational Waves and there was a quite large number of people that would be interested in working on it. The CHAPS representative to CHIPP is A. Refregier (ETHZ) and he will give a presentation, he could help to find a connection with the Gravitational Waves community.

Michele asks the EB for opinions about the prospective part to be covered in the European Strategy document. He finds it complicated to propose a definite strategy for the period beyond the HL-LHC, i.e. 2035-2050, he would find it more appropriate to indicate the recommendations for R&D for the next 15 years in the perspective of the construction of new machines to be ready to start in 2035.

The EB discusses possible topics for the Future Infrastructure session of the SWITCH Workshop.

TN asks if something is needed by the theory community. AS reminds the EB that for the theory community it's easier than the experimental one because they don't need a coherent national strategy, every person or Institute decides its own line of research. TN asks about any global Computing investment needs: there is no global strategy for what concerns computing.

MW adds that the Sessions on Future Infrastructure and International roadmap will probably be merged.

GD → should prepare few slides to introduce the discussion of these two sessions.

Technology transfer: The EB recognises the importance of the knowledge transfer but it reckons that it should not be part of the deciding items.

In view of the September workshop we have reserved the last session on Friday (06.04.2018) for discussing guidelines for the September Workshop's preparation. The main points will be prepared during the Workshop week depending on the discussions that will take place. Perhaps it will be necessary to set up subgroups to

do further work. We need to present a priority list on our Swiss activities by the end of September. This is the main message we have to convey on the last Session on Friday.

The organisation of the subgroups could be done following the Pillars. The EB questions if the Pillars division is still relevant. At the moment Pillar 1 covers the LHC, the precision measurements and low energy measurements from PSI. Flavour physics is included in Pillar 1, but is also related to neutrino physics. A different Pillar structure will affect the funding. If we have funding assigned to infrastructure then it would be reasonable to leave the Pillars as they are now, otherwise we may consider to change. The pillars were originally set up to have a clear structure to present to non-experts such as politicians. For the discussion period we should consider whether to be driven by the infrastructures or by the physics problems. We should anyway give a structure to the discussion, otherwise it will be too difficult to converge. We should make a proposal for a structure. AS suggests organising the discussion around physics problems and questions and which will be the most promising ways to solve them.

TN asks if the future PSI facility (HIPA) will be influenced by the European Strategy. AS reckons that the national support, i.e. that from the Swiss university groups are more important.

The EB questions if the “Low mass dark matter case search” is covered by Laura Baudis in her Dark Matter talk. It should cover the search down to the MeV level, since there is a lot of development in this field. The Dark Matter presentation should cover all the scenarios.

MW → tell Laura Baudis to present the whole mass range on Dark Matter.

## **8. CHIPP membership fees: proposal**

For the next Board meeting the EB should make a proposal for next year's CHIPP membership fees. We should study the different possibilities: Individual fees only, Institutes only and a mixture of the two. It is important to keep Institute fees; the EB feels that it is very important to think of CHIPP as an association of Institutes that work together.

## **C. Items for information**

**9. Other news** – no additional news.

## **10. Status of recent & future meetings**

**Tuesday, 3 April 2018 - Friday, 6 April 2018**

[Strategic Workshop I](#)

**Sunday, 12 August 2018 - Saturday, 18 August 2018**

[Zuoz Summer School](#)

**Tuesday, 28 August 2018**

[CHIPP Board meeting, EPFL: 10:00](#)

**Tuesday, 28 August 2018**

[CHIPP Plenary meeting, EPFL: 13:30](#)

**Wednesday, 29 August 2018 - Friday, 31 August 2018**

[SPS/CHIPP Annual meeting 2018, EPFL](#)

**Thursday, 13 September 2018 - Friday, 14 September 2018**

[Strategic Workshop II](#)

The Chair closes the meeting at 12h00.

Minutes written by Angela Benelli  
Approved by the EB