

Final Minutes of the EB meeting 2017-06 on 27 November 2017

Time/place of the meeting: Monday, 27 November 2017, 10:05, SCNAT (room Jungfrau), Laupenstrasse 7, Bern

1. **Agenda** – approved
2. **Apologies** – none

A. Administrative items

3. **Minutes of the last meeting (2017-05)** approved after the suggested changes. (→ [document](#))

4. List of Actions

2017-02 –7: Administrator employment by the SCNAT.

TN met the HR department at the SCNAT and it is possible for the SCNAT to employ the CHIPP Administrator from January 2018. SCNAT can also take care the CHIPP accounting. We still need the documents for the transfer of signatures from Mrs. Monika Rollin and Marc Türlér to Angela Benelli and Ms. Hodler; Ms. Hodler who will take care of the CHIPP accounting from January 2018 at SCNAT. It will be convenient for the administrator to have an official e-mail address at the SCNAT.

AB → Ask the SCNAT to have an e-mail there.

2017-02 – 12: School payment of SNSF grantees.

GD has not got any update on this subject since he talked to Felicita Pauss (Vice-President of the SNSF Foundation Council) who didn't have any information about it. MW and AS report that they experienced already problems in sending PhD students to schools: the SNSF refused to support students who wanted to follow a course or a school, even if it was very important for the PhD work they were doing. It would be important to know who in the SNSF took this decision and why. GD proposes to enquire directly to the SNSF at the next Board meeting. TN proposes to ask to Marc Türlér if he could enquire on the SNSF's position on this matter.

GD → Enquire about this at the next Board meeting if SNSF representative is there.
TN → Contact Marc Türlér at the SNSF.

5. Next EB meetings

Dates of 2018 meetings:

Friday	2 nd February	10:15-13:15 SCNAT, Bern
Wednesday	7 th March	10:15-13:15 SCNAT, Bern
Friday	4 th May	10:15-13:15 SCNAT, Bern

B. Items for discussion

6. Main items of Board 2018-01

In the February Board meeting we will have to discuss the closing of the 2017 Accounts approving the Annual Report, the Annual accounts and the Auditor's report. A draft of the Annual report, approved by the

EB, needs to be sent out to the Board beforehand together with the financial reports.

The Chair includes as discussion items: the Strategic Workshop planning, the White Papers and the ETC* membership. We should have an update on the CHIPP Computing Board if the names of the representatives from each CHIPP community have been sent to C. Grab (A. Benelli).

Since many CHIPP experiments need to apply for funding during 2018 we should have an update of the FLARE Table, possibly before August we should have all the information updated.

AB→ Send the requests to the Institutes for contributions to the Annual Report.

7. Nominations for a new member of the CHIPP Prize committee

AS, as Chair of the CHIPP Prize committee, recalls to the EB that the actual members of the committee are: Aurelio Bay (EPFL), Maurice Bourquin (UniGE), Ralph Eichler (ETHZ) and himself. Maurice Bourquin has decided to step down from the committee and a new candidate needs to be nominated from the EB. There is the need to have somebody from Pillar 3: the Astroparticle & Neutrino community. Few names are proposed and AS will contact the first candidate to ask his availability.

The Prize 2018 will be announced at the Board meeting on the 15 February 2018 and the deadline for application will be in early May 2018; the big part of the job for the winner's selection will be in June-July.

AS → contact the candidate and announce at the next Board meeting in February the new member of the prize committee.

C. Items for information

8. White papers

GD reports on the White Paper's advancement. Rainer Wallny sent him an email with the updates after the first meeting of the Editorial Board the 6th November 2017 at the ETH Rat in Bern. The editors have already planned the main topics and the division of the work.

They identified the "Search for New Physics" as the overarching theme of the CH research landscape in Pillar 1. The Editorial Board is attacking this topic in many ways (direct versus indirect/precision, elucidation of EW symmetry breaking, Flavor Sector of quarks and charged leptons, CP violation, Dark sector, other fields). The group is planning to survey the current implementation and facilities, will critique this implementation and identify future facilities as future drivers. In their next meeting on Dec 1 they would like to make progress on the writing of the two items "Overarching theme" and "Current implementation" and prepare the other topics.

The work is proceeding well.

9. Report from the SCNAT Platform Mathematics, Astronomy and Physics (MAP) meeting

MW reports about the MAP Plenary meeting the 10 November in Bern.

The MAP platform provisionally allocated to the CHIPP activities:

- 11k for the Workshops 2018
- 8k for the Zuoz summer school
- 3.3k for IPPOG
- 7k for "Dialog & Outreach"

TN contacted Christian Preiswerk who will discuss with Hans Peter Beck to see it will be possible to increase the contribution for the Dialog & Outreach with funds from the SCNAT, this will be known only in summer.

MW reports that the meeting included a presentation about the Data Management Plan that involved a lot of discussions. There was also a short presentation from each community, since there was not enough time for the CHIPP presentation, he was asked to send a short email as report of what he was supposed to present.

Next MAP meeting: 22 March 2018 in the afternoon. Since TN will not be able to attend MW will replace him.

MW→ Will attend next MAP meeting the 22 March 2018.

10. Report from the Round Table International (RTI) meeting at the SCNAT

TN reports about the Round Table International meeting that took place the 14 November at the SCNAT organised by Prof. Hans Rudolf Ott. People representing fields involved in the large-scale infrastructure

experiments were invited. Originally it included only CERN experiments, then extended to Astronomy & Astroparticle facilities, and now it includes also neutrons and laser facilities and in general all the European experimental facilities where Switzerland is participating. There was a discussion about Space Science and Astronomy (SSA): Prof. Nicolas Thomas from the University of Bern expressed special concern about a funding issue. He reported that they have funding for exploiting the physics from SNF and for producing the instruments via the PRODEX mechanism of the European Space Agency, but that they have no money for operations. For example they have to cover with their own (small) budget: shifts, processing the data and in general what for us is covered by the M&O requests. They are looking for possibilities to have all this funded by the SNF. TN explained him how the Particle Physics community deals with it requiring funding via FLARE and expressed his surprise that all this was not already foreseen.

Another even bigger concern that emerged during this discussion was regarding the personnel to do shifts and develop the software code. According to Prof. Thomas a postdoc cannot do this work because this job is not recognized as a scientific job. To this statements TN pointed out that for the Particle Physics community developing the code for the event reconstruction is recognized to be a scientific job and participating at the shifts is considered as contributing to the scientific program. Thus we do not exclude postdocs to do this, they are even encouraged (even if this part of their job is not funded by SNF grants). MW and GD present their difficult experience in obtaining SNF grants for personnel working for technical operation of projects, then TN recalls that FLARE funds the equivalent of one specialised person that could perform technical or engineer operational work. The SSA community tends to acquire standard products for the data analysis, and for what concerns the construction of instruments they usually prefer commercial solutions. All this is going to change since the telescopes of the new generation will be unique pieces, developed by particle physicists and the instrumentations that are carried to the space stations and satellites will not be built with commercial components.

TN reports that H.R. Ott proposed to continue the discussion in further meetings and all the participants agreed, for CHIPP it was important not only to address the funding issues but also discuss how to change the culture behind this, i.e. it's important to recognise the technical work important in the scientific society.

TN adds that H.R. Ott would like to cover gravitational waves facilities at the next RTI meeting. In Switzerland at the moment only theorists are involved in this subject. This could be discussed also at the CHIPP Strategic Workshop in April.

11. Strategic Workshop planning & timeline

TN introduces the issue of the participation fees at the April Workshop: there is the need to fix the amount per participant. There are two options: the first would leave the fees low and ask for funding at the Institutes to cover all the expenses, the second would increase the fees to cover all the participant's expenses and ask for contribution to the Institutes only to cover the extra fees, like the cost for the invited speakers, the eventual extra rooms and stationary materials. The EB decides for the second option, AB will re-calculate the full cost of the 4 days workshop per person excluding the external speakers.

MW adds that the programme committee will meet soon, maybe decide to communicate via e-mail or videoconference, this will be arranged, and then submit the decision for approval to the Board. The important issue is the invitation to external speakers that needs to be done soon. Maybe we would need somebody involved in the CERN European Strategy and eventually somebody from a gravitational waves experiment.

As input to the first meeting of the programme committee we should suggest a structure to define the program of the Workshop. At the Board we decided already to start with blocks defined by subjects instead of the CHIPP pillars. It's complicate to divide the program in subjects since they overlap: neutrino oscillation is part of flavour physics, Higgs is flavour physics and gauge sector.

The blocks could be for example:

- Higgs
- Flavour – Dirac particles
- Neutrino
- Dark matter
- Astroparticle

AB → Investigate about the eventual VAT payment due to a Credit Card use.

AB → Re-calculate the full cost of the 4 days workshop per person excluding the external speakers.

TN → Contact Eckhard Elsen for participation at the strategic Workshop in April.

MW → Organise the first meeting of the programme Committee.

12. CHIPP Computer board news

TN reports that C. Grab is still waiting for names from the different communities to be able to organise a CHIPP Computing Group first meeting.

TN → Re-launch the request of names for a first CHIPP Computing Group meeting.

13. Other news (EPPCN, membership fees)

TN signs the invoices for the CHIPP membership fees to send to the Institutes.

AB reports on the EPPCN meeting in Budapest, Hungary the 20-21 November 2017. Peter Lévai, the Director General of the WIGNER Research Centre for Physics, presented the WIGNER Data-center that hosts the CERN Tier-0. Since in Hungary there are no big experimental physics facilities, the Hungarians physicists consider CERN their Home Institutes. They participate in ALICE, CMS, TOTEM, SHINE (Na61), WLCG, in the detector study for the FCC and in Spotting for the visualization of big data.

A. Mourseiler from the CERN Press Office went through the several activities that had been organized by CERN. "Les Autumnales" was the last one and a big success with 1000 meter squares of stand, 180 volunteers and with 150K visitors. He presented the Social Media Coverage with various numbers for the 2017: The biggest amount of mentions was register for the 1st April fool. The Global Media overage registered the peaks during the CMS Open Heart Surgery and the 5 particles discovery of LHCb in March, Arts@CERN in April, Linac 4 inauguration in May, the LHCb charming particle in July, ALPHA measurements in August, the CERN Openlab white papers in October and finally the BASE measurements in November. At the end of November there will be a media event: CERN-MEDICIS, to present the medical research at the Isolde facility. At the beginning of 2018 the Alumni Network is organized the CERN Alumni First Collision.

The upcoming key dates are:

- 15 December 2017: LHC 25th birthday
- Early 2018: LHC winter shutdown (opportunity for media visits + Facebook lives)
- End of January: Fabiola Gianotti co-chair of WEF in Davos
- February 2018: AAAS Austin – Antimatter session
- March 2018: Moriond
- Spring 2018: LHC restart
- ICHEP 2018 Korea
- ESOF 2018 – 'Future' session – LHC High-Luminosity and behind

The upcoming key dates on the longer term:

- October 2018 – FCC design report
- October 2018 - TEDxCERN
- December 2018 – end of RUN2 – beginning of LS2
- July 2019 WCSJ 2019 Lausanne
- September 2019 (?) – CERN open days
- May 2020 (?) European Strategy Update

Perrine Royole-Degieux (CNRS/IN2P3), co-chair of EPPCN, reported at the CERN council meeting on the 29 September 2017 at CERN. She focused mainly on the next strategy update communication plan: how to communicate and promote the strategy process, how to explain and disseminate the outcome and how to encourage particle physics communication. A. Mourseiler and P. Royole will ask to meet with Prof. Halina Abramowicz (Strategy Secretary for the next update of the European Strategy for Particle Physics) for discussing how EPPCN can collaborate at the Strategy Update process.

Corinne Mosese, the APPEC representative, asked for support for the launch of the APPEC roadmap.

Chris Buratta, the UK representative, presented the new UK Research and Innovation organization that is the new funding organization in the UK. It brings together the seven UK research councils.

The EPPCN representatives were then divided into three groups to work on the planning for:

- Social media
- Knowledge transfer
- European Strategy Update

14. Status of future meetings

Friday, 1 December

11:00 [Editorial White Paper Meeting, ETH-Rat Bern, room E1](#)

Thursday, 15 February 2018

13:15 [Board meeting 2018-01, SCNAT Bern](#)

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 Plenary meeting, EPFL](#)

Wednesday, 29 August 2018 - Friday, 31 August 2018

[SPS/CHIPP Annual meeting 2018](#)

Thursday, 13 September 2018 - Friday, 14 September 2018

[Strategic Workshop II](#)

The Chair closes the meeting at 12h.

4 December 2017