

Minutes of the EB meeting 2019-04 on 7 May 2019

Time/place of the meeting: 7 May 2019, 14h00 SCNAT, Bern

1. Agenda

AB would like to discuss briefly about the annual EPPCN report, GD would like to add the report on the Round Table International meeting.

2. Apologies

A. Administrative items

3. Minutes of the last meeting (2019-03)

After few comments the minutes are approved.

AB → publish the minutes on the CHIPP webpage.

4. List of Actions

2018-03 – 16 **SERI input to the 2021–2024** message to parliament: done

2018-05 – 6 **FLARE Tables** & SNF P3 database requests: done

2019-02 – 4 **CTA strategy support from Swiss Institutes:**

Tatsuya Nakada reports on the meeting he had with G. Iacobucci and T. Montaruli (U. of Geneva), A. Biland and R. Wallny (ETHZ), F. Canelli and T. Gehrmann (U. of Zurich). Montaruli asked to discuss within CHIPP if the Geneva Astronomy Department should participate in CTA as CHIPP or CHAPS member.

The University of Zurich (U. Straumann/F. Canelli) will take the responsibility to deliver the hardware promised for the medium telescope. This responsibility was supposed to end at the end of 2020 when the funding from SERI to the UZ was planned to end and as soon as the ERIC structure is setup, SERI would pay directly the Swiss membership in CTA. In the last SERI roadmap it's stated that the current funding period will be stretched/extended after 2020, it's needed to investigate with SERI & Uni. Zurich how this will affect the work in Zurich. No plan for scientific exploitation of CTA is currently planned by the faculty members at UZ.

ETHZ will not participate in any hardware production. ETHZ will continue the current engagement in collaboration with the University of Geneva as needed in helping with the SST commissioning work.

CTA has not finalised the selection of the technology for the SST, but in the report by the technology evaluation committee stated that the Geneva's solution would be the best one. However, they still keep the options open. Even if the single mirror solution of Geneva will not be accepted T. Montaruli intends to continue her collaboration in CTA (but not in the small size telescope).

The U. Geneva will open an Assistant Professor position in the near future and other funding will be provided by the Astronomy Department in Geneva.

Before 2021 will not be very likely to know whether the U. Zurich will be able to have a new professor position for AstroPhysics as requested by the Physics department.

TN → ask Xavier Raymond (SERI) about the extension of time for the CTA funding as described in the SERI RoadMap.

2019-02 – 4 **SERI & Neutrino:**

Michele Weber (Swiss representative of the Neutrino Community) reports on the meeting he had in CERN with Laurent Salzarulo (Scientific Advisor at State Secretariat for Education, Research and Innovation SERI), Michel Hübner (Industry Liaison Officer for Switzerland for International Research Organizations), Antonio Ereditato (DUNE international funding agency contact for SERI) and Marzio Nessi (CERN) to discuss the Swiss contribution of 2.3 MCHF to the infrastructure of LBNF/DUNE to provide a dedicated cryogenic equipment manufactured in Switzerland. Nessi prepared a list of items to buy in addition to what CERN was already engaged to provide. SERI agreed on the item list, Guy Parmelin (Federal Councilor, Head of the Swiss Department of Economic Affairs, Education and Research) should sign the agreement in June, and afterwards the CERN Council should approve it.

5. Dates of next 2019 EB meetings:

- 11 June 10h15 SCNAT, Bern
- 7 October 13h15 SCNAT, Bern

B. Items for discussion

6. Preparation Plenary 2019 1-3 July

Indico address: <https://indico.cern.ch/event/784774>

TN asks the EB if the preliminary Timetable is acceptable. Everybody agrees.

For the speakers:

- CMS → contact Florencia Canelli
- ATLAS → contact Michele Weber & Giuseppe Iacobucci
- LHCb → contact Olivier Schneider
- CHART → contact Lenny Rivkin
- Astroparticle → contact Teresa Montaruli
- Underground experiments → Laura Baudis
- Theory GI → contact Matthias Bartelmann (ITA Heidelberg) for availability for a “Flavour” talk.

TN flips a coin to decide whether the speaker from ATLAS or CMS will present the “ATLAS and CMS upgrade status” talk. The result is: the CMS speaker will present the hardware update; the ATLAS speaker will present the “Physics results from ATLAS and CMS”.

TN → Invite at the Board (July 2019 in Kandersteg) the representatives from the SCNAT, SERI, SNSF.

7. European Strategy meeting in Granada

TN reports about the mandate he was assigned by Halina Abramowicz (Secretary of the European Strategy Update) to organize Group 3: “Relations with other Physics Organizations”. He has organized the first meeting of this group in Granada to start the discussion with the other members.

8. CHIPP Election Nominations

TN goes through the list of received nominations for APPEC and EB Board. The candidates will be contacted and if available they will be asked to send a short CV to stand for election in July at the Board meeting in Kandersteg. For the election of the CHIPP Chair, once the two EB candidates will be voted at the Board, there will be another election to choose the Chair between the four EB members.

The previous representatives for IPPOG, CSR, R-ECFA will stand for re-election for a next term.

AB recalls the EB that Aurelio Bay will serve as a CHIPP Auditor for the revision of the CHIPP account in February 2020 but afterward he will step down from this position since he will retire. CHIPP will have to find a new Auditor.

9. Outreach funding request AGORA

[GD]

GD reports about the status of the request of the AGORA grant from the SNSF. At the moment there are no news from the SNSF. GD, Hans Peter Beck and Michael Hoch had a meeting with the Director of the Landesmuseum in Zurich and presented him our ideas of possible big-scale exhibition.

AB → ask HansPeter and Katharina Müller if they need CHIPP (AB) to provide a list of speakers to intervene during the time of the exposition.

AB reports on the Press conference at the “Espace Ballon” in Chateau d'Oex the 3 May 2019 for the opening of the “Science & Art” exposition ([website](#)). The 11 months exhibition is organised by Michael Hoch and Hans Peter Beck. CHIPP members, in particular PhD students and Postdocs will be invited to present a talk at the exposition in occasion of important visits from schools or associations.

10. Roadmap Workshop 2020 preparation

The EB identifies a suitable date for the next year Roadmap Workshop: 25-26 June 2020. The main responsible will be the CHIPP Chair. AB reports on the possible venue of the event. She had positive responses from:

- Hermitage Hotel, in Luzern.
- City Hotel, Biel.
- Seminarhotel Bocken, Baar.
- Aquatis Hotel, Lausanne.
- Victoria Hotel, Kandersteg.
- Chateau de Villars-les-Moines, Morat.
- Hotel de Gruyères, Gruyères

AB→ contact the resorts for availability on the selected date.

At the moment of the minutes writing the Chateau de Villars-les-Moines and the Hermitage Hotel, in Luzern informed CHIPP that they have no availability the 25-26 June 2020.

11. CERN Open Day preparation

[email](#)

CERN Open Day will be held the 14-15 September 2019. The organization committee contacted AB, as the Swiss representative of EPPCN asking to help by suggesting speakers to one of the panel discussions in programming for the CERN main auditorium. The 45 minutes talks will be webcast, given in English/French and translated to French/English. The talks are:

- Future Intelligence: the status of AI and Machine Learning in physics and beyond
- Future Innovation: impact of KT in society

CERN also asked to suggest key scientists representing member states and labs to interact with the audience in the international village tent, located at the lawn by the main restaurant in Meyrin. The International village will have a large panel with numbers of CERN members states and high tables for discussion. The scientists are invited to wear a vest with the print "Ask an Expert" and bring a poster that represents their country and physics as a conversation starter. The space will most likely have a cafe area and also a stage where music will be played from time to time. Potential volunteers should be available for half day either on Saturday or Sunday during Open Day.

The EB proposes a name for each talk, AB will contact them. For the "Ask an expert" AB will send an email to the PhD and Postdoc students asking for availability.

12. FLARE Table updates

AB updated the FLARE Tables after the SNSF decisions. CMS had the biggest reduction in the requested funding.

C. Items for information

13. CHIPP Prize updates

GI reports about the CHIPP prize; for the moment he received 9 applications. Hopefully there will be a winner candidate to be endorsed by the EB at next meeting in June.

14. SPS/ÖPG joint annual meeting, Zurich

[link](#)

In the SPS/OPG Joint annual meeting registration form it is not possible to sign up as "CHIPP member" with a reduced fee. This is because this year the CHIPP annual meeting will be held separately from SPS. For PhD students there is no special offer, but since they are exempt of SPS membership fee in the first year, they pay only the conference fee for members and nothing else. They can register as "PhD students members SPS (*)

100 CHF”, even if they are not yet members. They shall just send, ideally simultaneously to the conference registration, the membership [admission form](#) so the SPS secretariat can proceed properly and without much delay with the admission.

15. SERI roadmap online

[link](#)

Already discussed in the Action List item list.

16. CTA strategy support from Swiss Institute – Meeting report

Already discussed in the Action List item list.

17. Status of recent & future meetings

1-3 July 2019

Board meeting & Plenary meeting 2019

26-30 August 2019

SPS/ÖPG Annual meeting 2019

18. AOB

1. **EPPCN annual report.** AB reminds the EB that in July she will produce the EPPCN annual report for Switzerland to be presented to the CERN Council. Since this year a new format has been requested and only one or two events should be covered, she proposes to report mainly about the Exposition “Science & art” in Chateau d'Oex and possibly about the SWITCH 2 Workshop. The EB agrees with this proposal.
2. Report from the **Round Table International**. GD reports on the Round Table International meeting held the 2 April 2019 in Bern. For more details about the mandate and organization of the RoTIORI forum follow this [link](#). The main subject of the meeting was the presentation of the European Strategy Update Process; timeline and Swiss input were discussed. The invited speaker was Prof. Philippe Jetzer (University Zurich) that presented the state of the Gravitational Waves research. Teresa Montaruli presented the APPEC latest news, asking for an increase of the Swiss funding to support APPEC.
3. Follow-up of the Board item discussion (2019-01 / 14.1) on some articles that had appeared in **Horizons magazine** in a special issue on “**Big Science**” and large research infrastructures (including CERN). The CHIPP Board had proposed to take some actions, eg. write a letter to the editor of the magazine to indicate the incorrect points reported in the articles. GD suggested to consider writing a letter also to SNF and/or SCNAT. Another possibility could be holding a round table discussion during the annual CHIPP meeting. Other possibilities to be considered.
4. Report from the **CHART Council** meeting. TN reports about the meeting; the CHART1 project will finish in September 2019, the CHART2 is launched and the money has been pledged for this second stage of the project. PSI, EPFL, University of Geneva, CERN, ETH Board, SERI and ETHZ will fund the project.
5. **Swiss User.** GD reports about an exchange of emails he had with SERI and the Council about the number of Users from Swiss Institutes in CERN. The plot below has been brought to his attention by the Council President. The number of User/millions of habitants for every member state is shown. AB enquired at the User office with the help of Michael Hauschild (Head of CERN Users' Support) and Gaëlle Duperrier (USERS' OFFICE Supervisor /Greybook Secretariat - EP-AGS-UO Section leader). They have provided a list of all the people with status USER or COAS (Cooperation Associate) or VISC (Visiting Scientist), where the home institute is in Switzerland. As of today, the numbers are 371 USER, 49 COAS and 63 VISC. Please note that all people have a Swiss home institute but are not necessarily Swiss nationals. Typically, only ~1/4 of the USER at Swiss institutes are Swiss nationals. The list needs to be checked and it's important to understand why Switzerland has such a bigger ratio of User/Habitants compared with the other member states.

