

## Minutes of the EB meeting 2019-05 on 11 June 2019

**Time/place of the meeting:** Tuesday, 11 June 2018, 10:15, SCNAT (room Jungfrau), Laupenstrasse 7, Bern

1. **Agenda.** The agenda is approved.

2. **Apologies.** None.

### **A. Administrative items**

3. **Minutes** of the last meeting (2019-04)

**2017-03 – 14:** TN reports about the CTA meeting in Lugano that took place on 3-7/June 2019. There was a press event in the afternoon of June 4<sup>th</sup>, where after the introduction and presentation of CTA, TN gave a general presentation of the CHIPP activities and in particular of the CHIPP astroparticle roadmap. It was followed by a presentation of Patrice Soom (SERI) and then CTA management presented its case ([link to the Press Event](#)).

The structure of CTA was explained: there are two main bodies: the Consortium and the Observatory.

The Consortium is the scientific body that discusses and makes scientific recommendations.

The Observatory is the body that is in charge of the construction and operation of the observatory and it makes the final decisions on the technology to be chosen, taking into account the Consortium recommendation.

For Switzerland the main issue is the technical choice for the small telescope. Switzerland (University of Geneva), Poland and the Czech Republic have proposed a single mirror solution for the small telescope. Italy is proposing a double-mirror solution and France has another double-mirror solution, but it's not in a very advanced technical stage.

There was a technical committee chaired by Gigi Rolandi that has studied the two main options from Italy and from the Swiss-Poland-Czech team. The review report is now available stating that the Swiss solution is technically more advanced with full prototypes with performance figures. On paper the proposed Italian solution had a better performance (better resolution), but not fully demonstrated. The technical committee has asked the Italians to present in a couple of months a convincing design and a realistic realisation plan.

While the hardware R&D by the University of Zurich has been completed, there is no faculty member committed to the CTA science at the University of Zurich. After the retirement of Prof Ueli Straumann, some discussion took place for opening a new position to maintain the commitment in CTA, but for the moment no decisions have been taken.

TN will communicate in detail to the EB in the next EB meeting.

**2019-02 – 4:** SERI & Neutrino: MW reports that Federal Councillor G. Parmelin has signed the document to release the special Swiss contribution to the US Neutrino programme, via CERN, and now it has to be approved by the CERN Council.

**2019-04 – 18.5:** User list: there are still some verifications to do. We could do something like flag the CHIPP Users. To be decided.

### **4. Next EB meetings**

- 7 October 13h15 SCNAT, Bern

There are still the meetings of November and of January to be fixed.

**November:** items of Board February / new EB members to be invited, end or start with lunch

**January/February:** accounting / functions and tasks / Agenda Board / CHIPP prize / ESPP

## **B. Items for discussion**

### **5. Nominations within CHIPP**

The following candidatures have been confirmed:

- **APPEC Swiss representative:** Xin Wu accepted the nomination.  
TN → contact Xavier Raymond (SERI) and the SNF about the candidature of Xin Wu.
- **EB** (vice-chair): Rainer Wallny and Anna Sfyrla accepted their nominations.
  - The EB nominates Rainer Wallny and Michele Weber for the CHIPP Chair. One of them should be elected by the Board.
- **IPPOG Swiss representative:** Katharina Müller accepted to continue to serve for another term.
- **CSR (Commission for Space Research) Observer:** Xin Wu accepted to continue to serve for another term. There are no problems to be CSR and APPEC Swiss representative at the same time.

The election of the Swiss representatives in ECFA belongs to the CHIPP Plenary, based on a recommendation by the Board

- **Plenary-ECFA representative:** Domenico Della Volpe accepted to continue to serve for another term.

### **6. Report European Strategy Meeting Granada**

The EB members gave their personal opinions about the organisation of the meeting in Granada, everybody agreed that the talks were very well organised and of an excellent quality. Most of the working groups prepared very well their work. It emerged a wish from the astroparticle community to have CERN to help organising big collaborations involved in their projects. On the other hand, CERN should keep its main focus to be an accelerator laboratory and in case of an expansion of scope it would require extra resources.

### **7. Agenda of the Board meeting**

The different items are reviewed, nothing new is added.

### **8. Agenda of the Plenary meeting**

The Agenda is discussed, the foreseen talks are already scheduled on Indico.

### **9. CHIPP Prize**

GI reports on the selection procedure. This year again it was difficult to choose between the participants since everybody presented excellent works. At the moment the committee has compiled a short list of three candidates to interview on June 18. GI will communicate the winner as soon as possible to the EB that will approve via e-mail. MW will provide the award diploma.

## **C. Items for information**

**10. New Honorary Members** Lenny Rivkin requested to be considered as an Honorary Board member.

**15. Plenary TASK program AB** → Ask for Chairpersons

**18. Status of recent & future meetings**

**1-3 July 2019**

Board meeting & Plenary meeting 2019

**26-30 August 2019**

SPS/ÖPG Annual meeting 2019

**25-26 June 2020**

CHIPP RoadMap Workshop 2020

**19. Other news**

TN reports about the interest shown by Prof. Lesya Shchutska (LS) (EPFL) in organizing the Sixth Machine Learning in High Energy Physics Summer School 2020. TN asks the EB if this school (for this time only) could be considered as a CHIPP activity and include it in next year requests of funding to the SCNAT. In 2020 there is already the Zuoz school, we need to check that it's not in the same time. TN adds that the EPFL is building a huge student's accommodation center, LS is investigating if it is possible to have this center for a reasonable price during the summer. If the EB agrees, then TN will ask LS to present the project to the CHIPP Board. The EB is favorable to support the school since the topic of the school is very interesting and very much requested by the students.

TN → Ask LS to present the details of the project of the MLHEP2020 first to the EB and then if it's approved to the CHIPP Board in Kandersteg.