

Agenda of the EB meeting 2022-03 on 18 May 2022

Time/place of the meeting: 18 May 10:00h. Video Conference via ZOOM & BERN University

Present: Michele Weber (Chair, MW), Gino Isidori (GI), Ben Kilminster (BK), Tobias Golling (TG) and Angela Benelli (Admin, AB)

Agenda, approved. GI would like to comment shortly on the CHIPP Prize.

Apologies, none.

Indico: <https://indico.cern.ch/event/1162370/>

A. Administrative items

1. **Minutes** of the last meeting (2021-02)

Approved after minor changes. They will be published on the [CHIPP website](#).

2. **List of Actions**

Board 2021-02 Third party funding: There is going to be a session at the SPS meeting on Monday 27 June on funding for physics. The guests are Bernd Gotsman (SNF), Michele Weber and Thierry Gianmarchi (NCCR material science). Gotsman, the head of the division II funding at SNF will give the perspective from SNF, MW will be speaking for big science and big projects and Gianmarchi will give the perspective of NCCR. MW will prepare a few slides to circulate to the Board ahead of the meeting; MW is also in contact with space scientists in Bern; the purpose of the session is to make the general statement that the variety of big science-long term projects suffer from the current implementation and strategy based on competitive small grants.

EB 2020-10 Flare table: this is a task to simplify the tables; they contain a lot of very valuable information, but we have had complaints from a variety of sites that they are just too complicated to fill in. This work needs to be done before the next Flare request, for the period 25-28, so it should be done during 2024 by somebody in the EB. Olivier Schneider should be consulted since he is the author of the actual version.

3. **Next EB meetings**

20 June 10h

31 August 10h?

28 September 13h

4. **Next Board meeting**

27 June 9h15 Fribourg

20 October 13h15 Bern (SCNAT) to be confirmed

B. Items for discussion

5. **FLARE Table updates**

All the PIs have updated their relative tables, comparing what was stated in the Prioritization document (2020) with the actual planned request (2020-2024); there are some deviations. T2K and Mu3e are sending requests higher than what was stated in the priority document. SHiP and NA64 are sending new requests as fair share projects, as foreseen in 2020.

The EB discuss the plots to prepare for the Board in June. The division in Uncuttable, Flagship and Fair-share projects will be kept as decided in 2020. After the June Board, the EB will prepare an updated prioritization document with the minimal changes about SHiP and NA64. It will be sent to the Board and then to SERI.

In two years from now the prioritizations will be rediscussed. The CHIPP Roadmap will have to be updated during 2024-25 for the input to the SERI roadmap 2029-3032.

6. CHIPP input for SERI roadmap

MW has sent the input to SERI about the 2025-2028 requests. MW stressed to SERI that Flare is a fundamental funding mechanism, and that it is essential to have the same level of funding in the period 2025-28 as we had through 21-24. The Einstein telescope is the CHIPP and CHAPS common interest project. MW also communicated the aim for a reasonable contribution for FCC R&D, which should be possible if the funding regarding LHC decreases in 2025-28. ATLAS request is clearly decreasing, with the CMS request staying almost the same. LHCB maintains the same level as in the past despite the upgrades being completely implemented because there is already the next stage of upgrades coming on. It will be important to present the new MoU to the Board to justify these requests. MW also expressed the wish to add personnel for the operation, but it's clear that this cannot increase the overall Flare funding level so if CHIPP want to invest in personnel, we must cut other requests.

7. Computing/Tier-2

MW reports on the computing Flare grant and the renewal of the contract with CSCS. The contract needs to be renewed this year. There are several issues with CSCS for the delivery of the computing (Alps). It's unclear whether that machine works and the pledges over the last year, especially for Atlas, were not fulfilled by CSCS. At best, the contract can be renewed for 2 years and then again the decision re-evaluated. When two years ago CSCS moved from PitzDaint to Alps, it was decided to have an assessment around mid 22 to evaluate the performances. A commission will provide the basis for a decision to be matured. The pledges were not fulfilled for ATLAS, and it is preparing a document with status and needs.

Another problem regards the Grid service. There is a European grid initiative that provides the infrastructures for the Grid system, which cost 50K CHF and was temporarily covered by federal funding. It is not possible to continue with federal funds (FLARE) so the swissuniversities will be asked to inject this money. It's not only for Particle Physics.

The prices for the single Grid certificates which are paid in addition to the infrastructure by the Universities (QuoVadis) are growing very fast every year. TG suggests finding out the reason for the increase.

8. CHIPP Board/Plenary Organization

The EB discusses the planning for the CHIPP Board and Plenary and the SPS Plenary meetings. MW will again contact the candidates nominated for their function in the EB and for the CHIPP Chair position. AB will ask for confirmation to stand for election from the Plenary ECFA nominations. MW will send a formal request to the EB vice chairs for their availability to become CHIPP Chairs by 1 June; then the final proposal for election should come by 15 June.

Gravitational Waves working group will have an item in the agenda, and MW will present a slide on the status of ET as a collaboration.

9. FCC Workshop & WG

Anna Sfyrla proposed CHEF (**CH** Experimental R&D for **FCC**) as the name for the Swiss frame for FCC R&D. The detector studies and implementation have started in Europe with CERN leading the effort. MW reports on the meeting with funding agencies in Madrid two weeks ago. ECFA, NuPECC and APPEC were involved. CERN presented the European Strategy plan for the FCC detectors and the structure of the R&D projects are: 1) dedicated R&D for FCC 2) fundamental R&D for general detectors, and 3) blue sky R&D. In this organization there should be space for national efforts in parallel. CHEF would fit in this structure of national efforts. It will deal with contacts at the Funding Agencies and would channel contribution and funding. SERI has already asked for input from CHIPP.

10. SCNAT funding requests for 2023

- IPPOG → AB already sent the form to Katharina Müller
- Dialog → AB already sent the form to Katharina Müller
- Winter School 2023 → AB is waiting for the return from several resorts
- Sustainability Workshop → AB received a good offer from the CAMPUS SURSEE. The date is fixed for 14-16 June 2023.

C. Items for information

12. A.O.B.

CHIPP prize. GI reports on the CHIPP Prize selection; Gino will send the EB the candidate's name for email approval at the beginning of June.

Higgs@10. The SCNAT has some extra funding for outreach this year; BK sent a list of activities related to the event.

13. Status of recent & future meetings

27 June 2022

CHIPP Board/Plenary

27-30 June 2022

SPS/OPG. Joint Annual Meeting (Fribourg) 2022

1 July 2022

SPS/OPG. Women in Physics Career Symposium (Fribourg) 2022