

Minutes of the Board meeting 2023-03 on 20 October 2023

Time of the meeting: 20 October 2023 13h15

Place of the meeting: SCNAT
Indico: <https://indico.cern.ch/event/1325732/>

1. Welcome and agenda

The Chairman welcomes the Board members, the honorary Board members, and the observers to the Board.

The Chairman welcomes the new Board members, two voting members: Harald Ita from PSI (Theory), and Roland Walter from the University of Geneva (ISDC).

The agenda is approved.

ADMINISTRATIVE ITEMS

2. Apologies and Proxy votes

Board members with voting rights (as of 1 October 2022): 73
present (in-person or via ZOOM): Antusch, Baudis, Blanc, Braccini, Canelli, Charbon, Colangelo, Crivelli, Donegà, Greljo, Golling, Gehrman, Grazzini, Hoferichter, Kilminster, Iacobucci, Marchevski, Montaruli, Piegsa, Schneider, Schramm, Serra, Sfyrla, Shchutska, Signer, Spira, Sanchez-Nieto, Sgalaberna, Soter, Stoffer, Steinkamp, Weber.

Other participants: Clark (Prof. Em.), Benelli (Admin.), Sommer (Obs. SNF), Stocker (Obs. SERI), Türler (Obs. SCNAT), Graverini (Deputy Outreach)

Apologies: Mike Seidel, Stefan Ritt, Christoph Grab, Maurice Bourquin, Pascal Fischer. The PSI community could not attend the Board meeting because of a PSI Workshop had been organised on the same days.

The Chair details the proxy votes announced before the meeting¹².

Quorum: 24 votes (= 1/3 of the Board members; Art. 24.1 Statutes); voters present: 32 present + 6 proxies = 38
→ The quorum is reached.

Minutes of the last meeting (2023-02 [June 2023]): the Chair asks for comments concerning the minutes of the previous meeting. Since there are none, the Chair invites the Board to approve them. The minutes are approved and will be published on the [CHIPP](https://chipp.ch) website. Ben Kilminster explains the procedure for electronic voting via ZOOM.

3. CHIPP turns 20

¹² Wolfram Erdmann for Klaus Kirch, Michael Spira for Malte Hildebrandt, Lesya Shchutska for Olivier Schneider, Ben Kilminster for Paolo Crivelli, Igor Kreslo for Saverio Braccini, Mauro Donegà for Rainer Wallny, HansPeter Beck for Michele Weber, Florencia Canelli for Cristina Botta

The Chairman introduced Allan Clark, the inaugural CHIPP Chair, who has since assumed the title of Professor Emeritus at the University of Geneva. Prof. Clark proceeded to share insights regarding the nascent stages of CHIPP. During his presentation, he elucidated the underlying motivations that led to the creation of the association. Interestingly, these very motivations emerged as pivotal factors underpinning CHIPP's remarkable success. In his discourse, Prof. Clark emphasized the importance of fostering collaboration, particularly concerning the recognition of the need for better coordination in participating and funding large infrastructure projects. He also underscored the invaluable support extended by RECFA.

DECISION ITEMS

4. Budget and Activities 2024

Angela presented the planned activities and budget for the year 2024. Similar to previous years, CHIPP has outlined a series of planned activities centered around four key themes: science, communication and outreach, funding, and association.

The budget presented includes anticipated expenses of 155 KCHF, which will be covered by an income of 90 KCHF from membership fees, 20 KCHF in support for the EPPCN from SERI and CERN, and, thankfully, around 40 KCHF in support from SCNAT. The primary activities scheduled for the year include the PhD Summer School in Zuoz, the Roadmap Workshop in Balsthal, and the RECFA National Visit at PSI. CHIPP will also uphold its commitment to the SCNAT web portal, featuring the publication of news, articles, and events of relevance to the physics community. This endeavor is made possible through collaboration with a science journalist, Barbara Warmbein. Her remuneration, along with the IPPOG membership, should be covered by a SCNAT grant (Dialog with society). A minor projected deficit of around 1 KCHF is expected, which can be comfortably offset by the estimated starting assets of approximately 32 KCHF.

Angela also reported SCNAT's funding contributions for the year 2024, which are as follows:

- IPPOG membership: 3,000 CHF
- Dialog with society: 9,000 CHF
- Zuoz Summer School: 10,000 CHF
- Roadmap Workshop 2024: 9,000 CHF
- RECFA Visit: 5,000 CHF

The Board unanimously voted in favor of approving the following:

- The CHIPP activities for 2024.
- The CHIPP budget for 2024 resulting from the outlined activities.
- The 2024 membership fees for individual members and institutions.

DISCUSSION ITEMS

5. News from the EB

The Chairman announces the launch of the project aimed at surveying the institute's former students (CHIPP Alumni). This project is intended to gather information about the careers of the graduates. The Chairman informed the board that the Swiss Academy of Sciences (SCNAT) has prepared a website for this project. The site contains an online questionnaire that will be sent to Alumni to collect data on their education path. The survey project and the website have been developed in anticipation of the RECFA visit to Switzerland. The main goal is to present the careers of physics graduates from our institution. The attending professors are asked to promote the questionnaire among their personal and professional contacts of the Alumni.

During the meeting, the chairman did not have sufficient time to review the list of functions and tasks set to expire at the end of 2024. Several positions will require renewal, and elections are scheduled to take place in the summer.

The list is reported here below and the position to renew are highlighted in yellow. Nominations and renews will be discussed at the next EB meeting.

Name	Initials	Function	Appointment	Expiry	Extension
Ben Kilminster	BK	Chair	Jan 2023	Dec 2024	possible
Michael Spira	MS	Vice-Chair	Jan 2023	Dec 2024	possible
Paolo Crivelli	PC	Vice-Chair	Jan 2023	Dec 2024	possible
Tobias Golling	TG	Vice-Chair	Jan 2024	Dec 2025	possible

Responsibility	Name	Appointm.	Expiry	Extension	Elected by
ACCU delegate	S. G. Sevilla	Jan 2023	Dec 2024	possible	Plenary
	F. Canelli	Jan 2022	Dec 2024	possible	SERI
CERN Council scientific delegate	S. Schramm	Oct 2021	Jun 2024	possible	Board
	S. Braccini	Jan 2021	Dec 2023		
CHIPP Computing Board	M. Donega	Jan 2022	Dec 2024	possible	Board
	K. Müller	Jan 2023	Dec 2024	possible	BoardBoard
CHIPP Outreach and Education Deputy	E. Graverini	Jan 2023	Dec 2024	possible	
	Restricted-ECFA	R. Wallny	Jan 2024	Dec 2026	possible
Plenary-ECFA(up to two 3-year mandates)		R. Wallny	Jan 2024	Dec 2026	no
	F. Blanc	Jan 2022	Dec 2024	no	
	Philipp S. Wellenburg	Jan 2022	Dec 2024	possible	
	Annapaola De Cosa	Jan 2023	Dec 2025	possible	
ECFA ERC Panel	Armin Ilg	Jan 2023	Dec 2024	possible	EB
	Elisabeth Niel (EPFL)	Jan 2021	Dec 2024		
	Marco Pesut (UZH)	Jan 2021	Dec 2024		
	Giuseppe Lospalluto (PSI)	Jan 2023	Dec 2024		

Observer in CHAPS (astronomy)	M. Kunz	Jan 2022	Dec 2024	possible	Board
ECT* Swiss representative	G. Colangelo	Aug 2022	Aug 2024	Possible	Board

6. FLARE requests

Kilminster presented the Board with a table summarizing the FLARE requests obtained in the previous term, the upcoming term 2025-28, and the estimations for 2029-32. With 80% of the total FLARE budget allocated to Particle Physics, the total CHIPP request exceeds by 30%.

Various graphs illustrate the FLARE requests versus CHIPP's resource engagement. Resource engagement is quantified using Full-Time Equivalents (FTEs) for Professors and Seniors, or by considering all academic FTEs, including Professors, Seniors, Postdocs, and PhD candidates.

In our forthcoming discussions, there are several key points that require careful consideration in order to reach a consensus:

Speculative Experiments and Upgrades: We need to address the status of experiments and upgrades that are currently not yet fully approved. Decisions will be required to ensure a balanced approach.

Protecting Long-term Investments: It is imperative that FLARE safeguards the long-term investments made over the past decades.

Flagship vs. Fair Share: The balance between flagship projects and equitable resource distribution among the fairshare projects must be explored.

Experiment Stage: Distinguishing between projects in the R&D phase and those in the construction phase is critical for resource allocation and project support.

Involvement of the Theory Community: The engagement of theoretical physicists is a crucial aspect. We need to determine how theorists are integrated into projects, ensuring consistency across all pillars. This includes considerations like whether to remove theorists not involved in the experiment or include them uniformly.

CHIPP Overlap with CHAPS: Overlapping interests and physics objectives between CTA & ET and CHAPS (astrophysics, cosmology) need to be addressed. While CHIPP can provide support, it's vital to maintain our core fundamental particle physics program. We should explore methods to reasonably share costs for overlapping projects.

Postponing Requests: We should evaluate the possibility of deferring a portion of the 2025-2028 FLARE request to the 2029-2032 period, considering the broader financial and project landscape.

These considerations represent critical factors in shaping the future direction and success of FLARE. Open and collaborative discussions are essential to ensure the most effective and equitable allocation of resources and support for our diverse range of projects and initiatives.

Presentations from each FLARE PI ([Documents](#))

each 5' + 2' questions

DUNE	[Michele Weber]
PIONEER	[Anna Soter]
ATLAS	[Tobias Golling]
CMS	[Florencia Canelli]
LHCb	[Nicola Serra]
SHiP	[Nicola Serra]
Tier-2 Computing	[Mauro Donega]
FASER	[Anna Sfyrla]
NA62	[Rodoslav Marchevski]
NA64	[Paolo Crivelli]
GBAR	[Paolo Crivelli]
DARWIN	[Laura Baudis]
LEGEND	[Laura Baudis]
CTA	[Teresa Montaruli]
HyperK/T2K	[Federico Sanchez-Nieto]
ET	[Steven Schramm]
Mu3e	[Stefan Ritt] no presentation in person but slides available
n2EDM	[Klaus Kirch] no presentation in person but slides available

7. RECFA National Visit organization

RECFA will visit Switzerland the 8-9 March 2024, the meeting will take place at PSI. The organization committee, Ben Kilminster, Michele Weber, Rainer Wallny and the EB, is in charge of the selection of speakers and the development of a program.

Angela, and Anita (PSI) are in charge of the logistics such as transportation arrangements, as well as provisions for meals, including lunch and dinner.

In terms of invitations, a distinguished list of individuals and representatives from key organizations has been carefully selected to ensure the workshop's success. This includes an invitation to the PSI Director, as well as representatives from SERI (State Secretariat for Education, Research and Innovation), such as Martina Hirayama, Xavier Reymond, Laurent Salzarulo, and Francesca Stocker. SCNAT (Swiss Academy of Sciences) is well-represented by Philippe Moreillon, the SCNAT President, and Jürg Pfister, the Secretary General. SNF (Swiss National Science Foundation) has also been actively engaged, with invitations extended to Jürg Stahl, President of the Foundation Council, Angelika Kalt, Director of the SNSF, and Matthias Egger, President of the National Research Council. Additionally, Thomas Werder, Pascal Fischer, and Jean-Luc Barras are among the distinguished invitees.

The previous RECFA visit was held in 2016, [here](#) are the recommendation RECFA gave to the Swiss State Secretariat and the [program](#) they had for the open day session.

8. CHIPP Roadmap Workshop organization

The CHIPP Roadmap Workshop is scheduled for the 18th and 19th of January 2024 at the Hotel Balsthal, 4710 Balsthal. The indico webpage is [here](#) and registrations are open.

One of the key aspects to address in preparation for the workshop is the organization of both parallel and plenary sessions. In anticipation of the workshop, a preliminary meeting has been set with the editors on the 10th of November at 15:00 (3:00 PM) via Zoom. This meeting will provide an opportunity to discuss and plan the editorial aspects and ensure that the content is ready for presentation during the workshop.

9. CHIPP computing report

Mauro Donega presents the [report](#) on the current status of Tier2 @ CSCS.

There was a remarkable reduction in expected growth, shifting from 30% CPU and 20% DISK to 20% CPU and 15% DISK. The CSCS Accounting Manager explained that the cost reduction for disk did not meet expectations. Donega raised concerns about limitations, primarily driven by storage, in scaling to full workloads.

The CHIPP steering committee recently met to address the Tier2 status and proposed a T2 project review, particularly for the ongoing Run 3 and HL-LHC. A brief update on current utilization revealed that CMS and LHCb are fully on ALPS, while ATLAS remains at 50% on Daint.

Regarding SwissUniversities membership, it was shared that SwissUniversities has initiated a call to cover the fee, with Enhancer submitting an application. The membership fees are proportional to GDP, resulting in an estimated increase of approximately 10 kCHF.

Furthermore, there is a pending decision on the allocation of 10% FTE for EGI national operations. The collaboration agreement is in effect until December 31, 2024, and the situation is expected to stabilize by year-end.

INFORMATION ITEMS

10. **New professorships at CHIPP institutes: report from each institute**

None.

11. **A.O.B.**

The Chairman announces that the 'Ghost Particle' movie is now available for free screening in your universities. This film, exploring into the enigmatic world of neutrinos, has been made possible through the generous funding from the SCNAT & CHIPP. We encourage you to seize this opportunity and share the wonders of particle physics with your academic community.

To arrange a screening of 'Ghost Particle' at your university, kindly reach out to us. If you haven't already, please check your email for any correspondence from Geneva Guerin. She may have already reached out to you regarding the film and its screening arrangements. We're excited to see this initiative come to life and look forward to your active involvement in sharing the captivating story of neutrinos and their mysteries.