



CHIPP Board meeting

Welcome to the:

- Board members
- Honorary Board members
- Observers at the Board

New Board members:

15 October 2020 via ZOOM

Agenda item 1:

Agenda

- The final Agenda has been distributed on 5-10-2020
 - Updated the 12/10/2020 'Preparation of two CH FCC-ee Workshops'
[Canelli/Sfyrla]
 - All documents have been made available on a confidential CHIPP internet page.
- ➡ Agenda approved ?

Agenda item 1: Agenda

DECISION ITEMS

- | | |
|---|---|
| 4. CHIPP activities 2021 & budget (SCNAT funding requests) for approval -Zuoz School 2021 - MLHEP 2021 | Proposal [Adrian Signer] [Lesya Shchutka] |
| 5. Election and Election of Executive Board members for approval | Proposal |
| 6. Election of the CHIPP Account Auditor for approval | Proposal |
| 7. Election of the CHIPP Outreach and Education coordinator for approval | Proposal |
| 8. Election of the CHIPP Observer to CHAPS for approval | Proposal |
| 9. Election of the Swiss ACCU representative for recommendation to the Plenary | Proposal |
| 10. Re-election of the ETC* representative for approval | Proposal |
| 11. Re-election of the EPPCN representative for approval | Proposal |
| 12. Nominations for admission of new honorary members for recommendation to the Plenary | Proposal |

Agenda item 1: Agenda

DISCUSSION ITEMS

- | | |
|--|---------|
| 13. Roadmap Update for discussion | [RW] |
| 14. FLARE discussion for discussion | [RW] |
| 15. Computing Board updates for discussion | [RW/MD] |

INFORMATION ITEMS

- | | |
|---|--------------------|
| 16. SPS/OPG joint annual meeting in Innsbruck | [Andreas Schopper] |
| 17. New professorships at CHIPP institutes: report from each institute | |
| 18. A.O.B. | |
| Preparation of two CH FCC-ee Workshops in 2021 | [Canelli/Sfyrlla] |

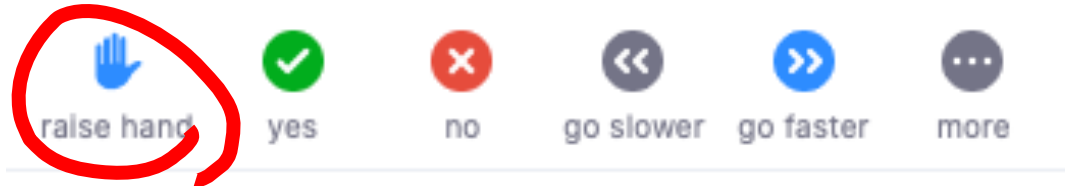
Agenda item 2: Proxy Votes

☐ The following Proxies have been designated:

- ☐ Rainer Wallny *for Günther Dissertori*
- ☐ Florencia Canelli *for Laura Baudis*
- ☐ Anna Sfyrla *for Federico Sanchez*

Discussion and Electronic vote

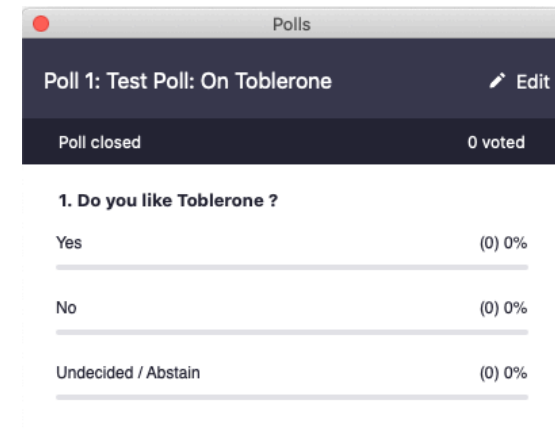
- **Discussion:** Please raise your hand and wait to be called by moderator or me who will keep track of requests to speak and make sure there is equitable speaking time



- ☐ Moderator for the election parts: Angela
- ☐ Moderator for the discussion: Mauro
- ☐ You can also chat them in case there is a technical issue

- **Elections:** We use the ZOOM polling system to collect votes and distribute the results

- ☐ Angela will register the outcomes for the minutes
- ☐ Proxy votes: please IN ADDITION use the buttons to register the proxy votes
- ☐ Polls will not be anonymous unless you request it

| Polls | |
|---|---------|
| Poll 1: Test Poll: On Toblerone Edit | |
| Poll closed | 0 voted |
| 1. Do you like Toblerone ? | |
| Yes | (0) 0% |
| No | (0) 0% |
| Undecided / Abstain | (0) 0% |

Agenda item 2: Apologies & Quorum

- ☐ The following apologies have been received:

- ☐ Board members with voting rights: 68
- ☐ Quorum (1/3 of Board): 23 votes, reached ?

Agenda item 3: Minutes of the last meeting

- Final draft minutes of the CHIPP Board 2020-02 (27.09.2020) have been made available on www.chipp.ch together with the other Board documents

➡ **The Board is invited**

- **to approve** the minutes of the last meeting
 - Base: Art. 27, litt. a; simple majority

Angela

Agenda item 4: Budget and Activities 2021

ACTIVITIES 2021:

Zuoz School (reported from 2020)
MLHEP2021 (reported from 2020)
CHIPP Plenary 2021 +
Young CHIPP physicist event
See later ..

SCNAT funding requests for 2021:

IPPOG membership 3000 Euro
Dialog 10000 CHF

SERI support for EPPCN: 15000 CHF
CERN support for EPPCN: 5000 CHF

Activities and Budget 2021

| | Budget updates | Budget approved | Budget updates | Financial Plan | | |
|---------------------------------------|-------------------|--------------------|-------------------|----------------|----------------|----------------|
| EXPENDITURE | 2019 | 2020 | 2020 | 2021 | 2022 | 2023 |
| Total expenses | 131 442 | 154 830 | 120 105 | 144 200 | 149 200 | 146 200 |
| Membership fees | 6 636 | 7 000 | 6 615 | 6 800 | 6 800 | 6 800 |
| Membership in SCNAT | 3 136 | 3 500 | 3 115 | 3 500 | 3 500 | 3 500 |
| Membership in IPPOG | 3 500 | 3 500 | 3 500 | 3 300 | 3 300 | 3 300 |
| Schools & Conferences | 14 924 | 30 430 | 6 000 | 19 000 | 24 000 | 21 000 |
| CHIPP PhD School (parts from SCAT) | 9 924 | | | | 12 000 | |
| PhD/PostDocs days | | | | | | |
| Zuoz (parts from SCNAT) | | 11 000 | | 11 000 | | 11 000 |
| SCNAT | | 10 000 | 6 000 | | 12 000 | 10 000 |
| PSI 2019 / MLHEP2020 | 5 000 | 9 430 | | 8 000 | | |
| reserve | 0 | 0 | 0 | 0 | 0 | 0 |
| Outreach | 29 000 | 30 000 | 29 000 | 31 000 | 31 000 | 31 000 |
| ber (parts from SERI & CERN) | 20 000 | 20 000 | 20 000 | 20 000 | 20 000 | 20 000 |
| Dialogue (parts from SCNAT) | 9 000 | 9 000 | 9 000 | 10 000 | 10 000 | 10 000 |
| copies/mail/phone | 0 | 1 000 | | 1 000 | 1 000 | 1 000 |
| CHIPP Prize | 3 000 | 4 500 | 3 000 | 4 500 | 4 500 | 4 500 |
| Prize money | 3 000 | 3 000 | 3 000 | 3 000 | 3 000 | 3 000 |
| travel expenses | 0 | 1 500 | | 1 500 | 1 500 | 1 500 |
| CHIPP Meetings | 2 925 | 2 000 | 542 | 2 000 | 2 000 | 2 000 |
| CHIPP Board Meetings | 644 | 700 | 511 | 700 | 700 | 700 |
| CHIPP EB Meetings | 164 | 300 | 31 | 300 | 300 | 300 |
| speakers, Administrator, secretariat) | 2 117 | 1 000 | | 1 000 | 1 000 | 1 000 |
| Operations | 73 016 | 79 000 | 73 000 | 79 000 | 79 000 | 79 000 |
| salary, social charges, pension fund | 72 343 | 78 000 | 73 000 | 78 000 | 78 000 | 78 000 |
| travel and other expenses | 673 | 1 000 | 0 | 1 000 | 1 000 | 1 000 |
| SCNAT Administration | 1 942 | 1 900 | 1 948 | 1 900 | 1 900 | 1 900 |
| INCOME | | | | | | |
| Total income | 124 230 | 134 530 | 117 200 | 131 500 | 133 000 | 133 000 |
| contributions from CHIPP | 80 030 | 80 030 | 79 700 | 81 000 | 80 000 | 80 000 |
| contribution from SCNAT | 24 200 | 34 500 | 17 500 | 30 500 | 33 000 | 33 000 |
| for CHIPP School & MLHEP | 8 700 | 8 000 | | 8 000 | | 10 000 |
| for Zuoz | | 9 000 | | 9 000 | 10 000 | 10 000 |
| for Workshops (PSI / SWICH) | 3 000 | 5 000 | 5 000 | | 10 000 | |
| for Outreach (SCNAT) | 9 000 | 9 000 | 9 000 | 6 000 | 6 000 | 6 000 |
| for Outreach (MAP) | 0 | 0 | 0 | 4 000 | 4 000 | 4 000 |
| for IPPOG | 3 500 | 3 500 | 3 500 | 3 500 | 3 000 | 3 000 |
| contributions from CERN | 5 000 | 5 000 | 5 000 | 5 000 | 5 000 | 5 000 |
| for EPPCN | 5 000 | 5 000 | 5 000 | 5 000 | 5 000 | 5 000 |
| contributions from SERI | 15 000 | 15 000 | 15 000 | 15 000 | 15 000 | 15 000 |
| for EPPCN | 15 000 | 15 000 | 15 000 | 15 000 | 15 000 | 15 000 |
| other contribution | 0 | 0 | 0 | 0 | 0 | 0 |
| BALANCE | | | | | | |
| Balance | -7 212 | -20 300 | -2 905 | -12 700 | -16 200 | -13 200 |
| Asset at start of the year | 48 952 | 41 740 | 41 740 | 38 835 | 26 135 | 9 935 |

Agenda item 4: SCNAT funding requests

Presentation for information **PRELIMINARY**
To be confirmed the 14 November
We submitted the requests for funding the 24 August

| | Requested (CHF) | Granted (CHF) |
|---------------------|--------------------|---------------|
| Zuoz School 2020 | 10'000 | 9'000 |
| MLHEP2020 | 9'400 | 8'000 |
| IPPOG membership | 3'500 | |
| Dialog with society | 10'000 | |

Zuoz Summer School ~~9-15 August 2020~~

Adrian

Vision and Precision → 8-14 August 2021

Organisation: Adrian Signer, Michael Spira, Anita van Loon-Govaerts, zuoz2021@psi.ch

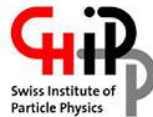
Announcement and advertisement of school **now** (please help), registration opens spring 2021

‘Dynamic’ Program Committee: A.Bay, G.Dissertori, G.Iacobucci, G.Isidori, K.Kirch, U.Langenegger, R.Rattazzi, N.Serra, A.Sfyrla, A.Signer, M.Spira, R.Wallny, M.Weber

Why yet another school??

This school is meant to be **the** CHIPP (mainly Pillar 1) young scientist school

Supported by:



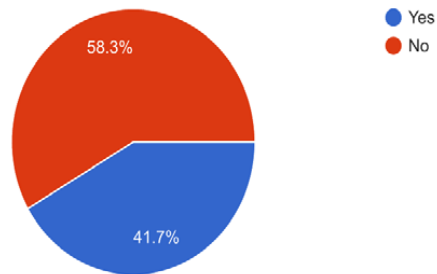
More than ‘just’ learning physics, Swiss networking

Reminder: Young People Vision (and Precision?)

CHIPP Roadmap Workshop 27-28 August 2020

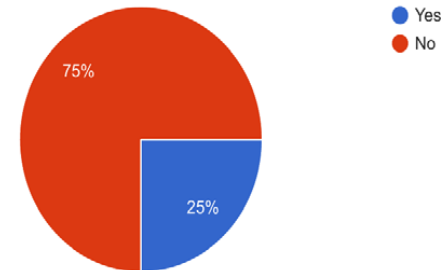
Are there enough opportunities to meet people from other Swiss Pillar 1 institutes/groups?

24 responses



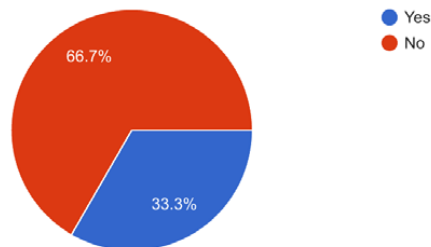
I know what is going on in other Swiss Pillar 1 institutes/groups

24 responses



Are there enough opportunities to meet Early Career Particle Physicists from other Swiss institutes?

24 responses



Just imagine pillar 1 PhD students and postdocs from theory and experiment from all Swiss universities met somewhere in a relaxed atmosphere:

they might even talk to each other

So how about sending them to the Zuoz School, for a change??

Zuoz Summer School 8-14 August 2021



Vision and Precision

<https://www.psi.ch/particle-zuoz-school>

Registration will open in March 2021
before June: **CHF 650**; later : **CHF 730**

Adrian Signer, Michael Spira, Anita van Loon-Govaerts, zuoz2021@psi.ch

Nicolas Berger (Annecy)

Statistics

Brian Petersen (CERN)

From raw data to physics

Vincenzo Cirigliano (Los Alamos)

EFT and low-energy probes of new physics

Barbara Jäger (Tübingen)

Perturbative (QCD) calculations

Angela Papa (Pisa/PSI)

Low-energy experiments

Renato Renner (ETH)

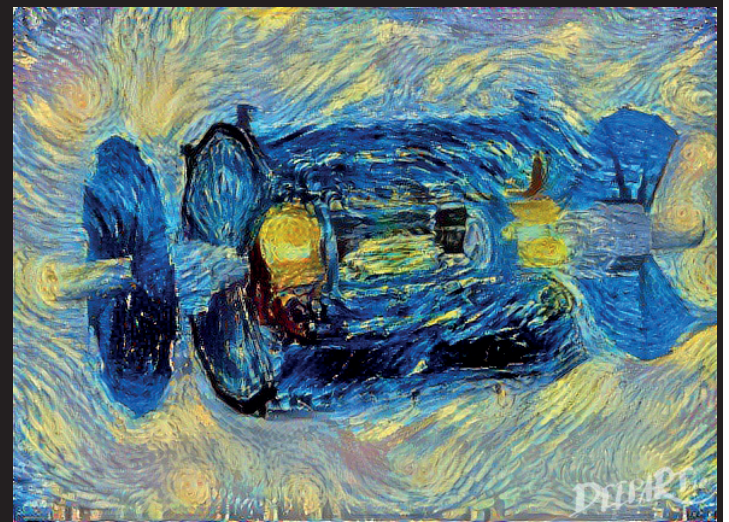
Foundations of quantum mechanics

Andrea Wulzer (CERN/EPFL)

The big questions

All inclusive fee

(meals, lodging, coffee breaks,
excursion, conference dinner,
tennis and football)



MLHEP 2020 @ EPFL

Lesya Shchutska

October 17, 2019

Young physicists event

At the Kandersteg Roadmap Workshop the **Young Physicists** expressed their wish to have a special event organised for both social and cultural purposes.

The idea would be to have this event the day before or after the next CHIPP Plenary annual meeting – possibly the second half of June 2021.

To be organised by the Young with the help of Katharina Müller & Angela ..



The start-up Positrigo uses findings from particle physics for the early diagnosis of Alzheimer's disease

PET scanner in compact format

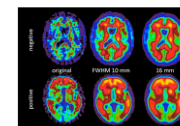


Image: USZ/Alfred Buck, Janis Fischer

Positron emission tomography (PET) helps medical doctors to detect cancer and many other diseases. A team of researchers led by ETH Professor Günther Dierker is working on a new generation of PET scanners that could in future be of great use in pharmacological research and in the treatment of Alzheimer's patients. The technical innovation is based, among other things, on fundamental research at CERN.

The first PET scanners were developed in the 1970s. Researchers from the European Particle Physics Laboratory

Swiss research initiative CHART works on particle accelerators of the future

The design of the Supermagnet



Image: CHART, Switzerland

FCC - these three letters stand for the vision of a new ring accelerator that could be built at the European particle physics laboratory CERN in Geneva. With this long-term goal in mind, Swiss physicists founded the CHART research initiative five years ago. Now the demonstrator of a powerful magnet is available. If the tests are successful, a very first step towards decisive progress in infrastructure for basic research, but also in applications such as, e.g., innovative instrumentation for medical therapies will be achieved.

When you hear the word 'Tesla', the first thing you might think of today is a US manufacturer of electric cars. Elon Musk captured the name of the electrical engineer and inventor.

19.03.2020 | News | Press release | CHIPP

University of Applied Sciences Northwestern Switzerland researches astroparticles of the Sun

The Mystery of Solar Flares



Image: B. Vogel, CHIPP, Switzerland

Scientists at the University of Applied Sciences and Arts Northwestern Switzerland (FHNW) have spent around ten years building the Spectrometer / Telescope for Imaging X-rays (STIX). Since 10 February, the research instrument is travelling to the Sun. It will provide accurate measurements of the solar atmosphere and the solar wind and will also cover the polar regions of the Sun that cannot be observed from Earth.

24 March 2020 is the day Marina Battaglia and her research

20.01.2020 | News | Press release | CHIPP

Particle physicists formulate future of the field

20 January 2020 - CERN article with a Swiss view



Image: (Image credit: Wikicommons/Birds-eye)

This week's drafting session marks final discussions for the update of the European strategy for particle physics

Today, senior figures in European particle physics are gathering in the small town of Bad Honner, Germany, for a week of intense discussions that will guide the future of fundamental exploration. The strategy drafting session marks the final stage of discussion for the update of the European strategy for particle physics.

17.06.2020 | News | Press release

Surprising Signal in Dark Matter Detector

a press release from the University of Zurich

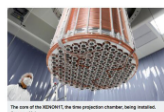


Image: zVg

Institute for Nuclear Physics in Italy, has been searching for particles of dark matter, t

01.07.2020 | News | Press release

Claudia Merlassino wins the CHIPP Prize 2020

The unknown partner of the top quark



Claudia Merlassino was born in Genoa, studied physics in Milan and completed her doctorate at the University of Bern in October 1999, since then she has been doing research at Oxford University in the UK. At the age of 28, the Italian experimental physicist has already made a remarkable journey as a researcher. She is now receiving the PhD prize in Swiss particle physics - among other things for her findings in the context of the most massive of all elementary particles.

15.04.2020 | Press release | University of Geneva

T2K Results Restrict Possible Values of Neutrino CP Phase

Published in Nature, the results are a major step forward in the study of difference between matter and antimatter



Image: Kamioka Observatory, Institute for Cosmic Ray Research, The University of Tokyo

The T2K Collaboration has published new results showing the strongest constraint yet on the parameter that governs the breaking of the symmetry between matter and antimatter in neutrino oscillations.

...z (University of Geneva), comments on the T2K publication about the indication of the matter-antimatter symmetry violation in neutrinos: "These results indicate that CP violation in neutrino mixing may be large, and T2K looks forward to continued operation with the prospect of establishing evidence for CP violation in neutrino oscillations."

04.03.2020 | News | Press release | CHIPP

California-based neutrino researcher François Drielsma

The University of Geneva as a launch pad



Image: Caitlin Claessens, Arts District of Los Angeles

With its European particle physics laboratory CERN, Geneva attracts many researchers to Switzerland. This was also the case with François Drielsma (28). In a doctoral thesis supervised by Prof. Alain Blondel (University of Geneva), the Belgian-born scientist investigated a completely new way to build a particle accelerator.

On 5 February 2020, an article entitled 'Demonstration of cooling by the Muon Ionization Cooling Experiment' was published in the science magazine 'Nature'. At the core of the scientific publication is the idea

Zurich particle physicists with XENON collaboration

Do they really exist, the lightweights?



Image: XENON collaboration

Axions are elementary particles. So far they exist or physicists, nobody has made measurement results at a make one sit up and take

The current results of the XI published a few days ago, h sensation. In the best case of matter on a new basis an But the physicists who were measurements do not want to be explained in a completely different, quite banal way: that disappears into thin air. Or as a disturbing influence that dist

their mouths. They know: Perhaps the measurement data cor p can be explained in a completely different, quite banal way: that disappears into thin air. Or as a disturbing influence that dist

01.07.2020 | News | Press release

LHCb discovers a new type of tetraquark at CERN

The LHCb collaboration has observed an exotic particle made up of four charm quarks for the first time

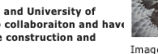


Image: LHCb, CERN

Teams of researchers from EPFL and University of Zurich are members of the LHCb collaboration and have made major contributions to the construction and operation of the detector

The LHCb collaboration has observed a type of four-quark particle never seen before. The discovery, presented at a recent seminar at CERN and described in a paper posted today on the preprint server, is likely to be the first of a previously

CERN collaborations present new results on charmed particles at online conference

CERN press release with a Swiss view



The ALICE, CMS and LHCb collaborations present new measurements that show how particles containing charm quarks can serve as "messengers" of hadrons and the quark-gluon plasma, carrying information about these forms of matter.

This media update is part of a series related to the 2020 Large Hadron Collider Physics (LHCPC2020) conference, taking place 25–30 May 2020.

17.09.2020 | News | Press release | CHIPP

Geneva school wins "Beamline for Schools" 2020 competition

Hunting for the Delta+ in Hamburg



Image: CERN, Switzerland

(BL4S) competition at CERN.

20.09.2020 | News | Press release

CHIPP President Prof. Rainer Walln is the updated "European Strategy for Particle Physics"

"Swiss particle physics is very well positioned"



Image: 01.07.2020 | News | Press release

LHCb discovers a new type of tetraquark at CERN

The LHCb collaboration has observed an exotic particle made up of four charm quarks for the first time



Image: LHCb, CERN

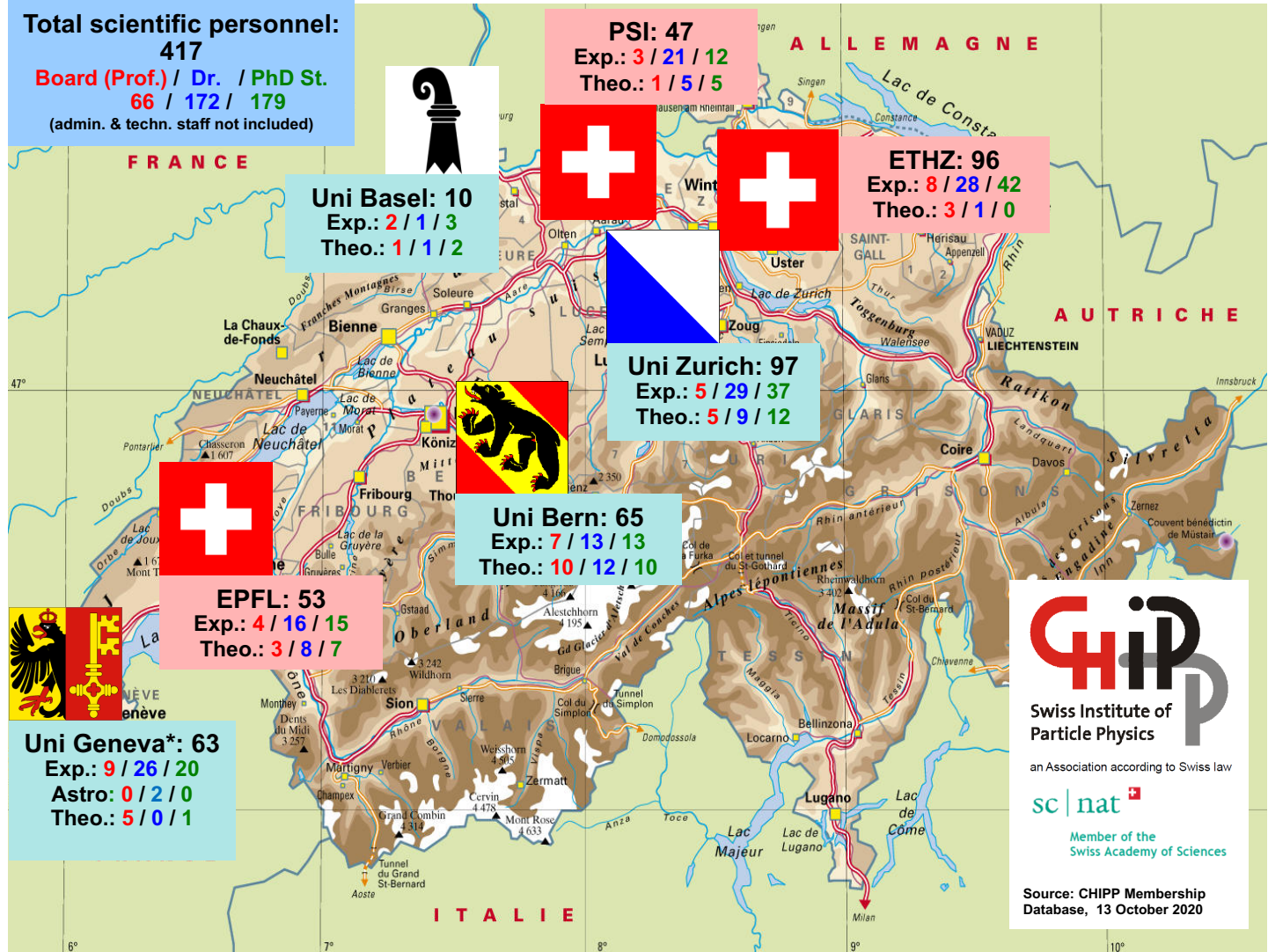
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Agenda item 4: Membership fees 2021

| Institute | Total members | Honorary Members ¹ | Individual contribution | Total individual contributions | Institutional fee | Grand total |
|--------------------|---------------|-------------------------------|-------------------------|--------------------------------|-------------------|--------------|
| BS | 6 | 0 | 110 | 660 | 2000 | 3100 |
| BS Theory | 6 | 2 | 110 | 440 | | |
| BE | 35 | 2 | 110 | 3630 | 5600 | 12750 |
| BE Theory | 33 | 1 | 110 | 3520 | | |
| GE | 59 | 4 | 110 | 6050 | 5600 | 12530 |
| GE Theory | 6 | 0 | 110 | 660 | | |
| GE Astro | 3 | 1 | 110 | 220 | | |
| ZH | 100 | 3 | 110 | 10670 | 5600 | 16270 |
| EPFL | 38 | 3 | 110 | 3850 | 5600 | 11430 |
| EPFL Theory | 18 | 0 | 110 | 1980 | | |
| ETHZ | 80 | 2 | 110 | 8580 | 5600 | 14620 |
| ETHZ Theory | 7 | 3 | 110 | 440 | | |
| PSI | 48 | 1 | 110 | 5170 | 5600 | 10770 |
| CERN2 | 27 | 0 | 0 | 0 | 0 | 0 |
| Total | 466 | 21 | | 45870 | 35600 | 81470 |

Swiss Particle Physics Landscape 2021



Item 4: Activities & Budget 2021



- **The Board** (in application of Article 27, litt. a, and litt. u) is requested
 - ✓ **to approve** the CHIPP activities for 2021,
 - ✓ **to approve** the CHIPP budget 2021 as resulting from the approved activities (above), and
 - ✓ **to approve** the membership fee as well as the institutional fee as set out above.

- Required majority: simple

Agenda item 5: Election of two EB members

The present composition of the CHIPP EB is the following:

- Rainer Wallny (Chair), until end 2021
- Anna Sfyrlla (Vice-Chair), until end 2021
- Gino Isidori (Vice-Chair), until end 2020
- Michele Weber (Vice-Chair), until end 2020

The Board (applying Article 27, litt. e of the Statutes) is invited

➤ **to re-elect**

Gino Isidori (University of Zurich)

for a 2nd EB term from 1 January 2021 to 31 December 2022



➤ **to re-elect**

Michele Weber (University of Bern)

for a 3rd EB term from 1 January 2021 to 31 December 2022



Required majority: simple

Agenda item 6: Election of a CHIPP Auditor

Aurelio Bay (EPFL) and Ben Kilminster (University Zurich) are serving as auditors. Aurelio Bay finished his mandate in June 2020 since he is retiring.

The Board (in conformity with Article 27, litt. e) is requested

➤ **to elect**

Saverio Braccini (University Bern)

as CHIPP account auditors for a three-year mandate from Jan 2021 to Dec 2023.



Required majority: simple

Agenda item 7: Election of CHIPP OUTREACH and EDUCATION coordinator

After many years of impeccable service as Outreach and Education coordinator Hans Peter Beck is stepping down from this position. The call for nominations among the Board Members has resulted in only one candidate, Katharina Müller (University of Zurich), who is ready to serve in this function for the years 2021-2022.

Katharina Müller is not a CHIPP Board member, but due to the importance of this role - following Art. 22 par. 2 of the bylaws – the EB asks the Board to elect her as ex-officio member of the board for the duration of her function.

The Board (in conformity with Article 27, litt. e) is requested

➤ **to elect**

Katharina Müller (University Zurich)

as CHIPP Outreach and Education coordinator

as CHIPP Board member for the duration of her function.

for a two-year mandate from Jan 2021 to Dec 2022.



Required majority: simple

Agenda item 8:

election of the Swiss observer to the College of Helvetic Astronomy Professors CHAPS

After many years of service in the position of CHIPP observer to CHAPS, Teresa Montaruli has expressed her will to step down from this responsibility.

The EB noted also that the exchange of observers between two SCNAT members is in line with the provisions of the CHIPP Statutes (Article 32.3 litt. g), where a close contact is advocated between CHIPP and the Swiss Academy of Natural Sciences and its member organisations.

For this reason, the CHIPP EB asked for nomination for a candidate to be observer to the CHAPS for the period Jan 2021 – Dec 2023; the call has not provided any available candidate, for this reason Rainer Wallny as a CHIPP Chair will provide this service.

The Board (in conformity with Article 27, litt. e) is requested



➤ **to elect AD INTERIM**

Rainer Wallny (ETHZ) as CHIPP observer in the College of Helvetic Astronomy Professors for a renewable one-year mandate from January 2021 to December 2021.

Required majority: simple

Agenda item 9: ACCU

Nomination of the Swiss representative

Danek Bohdan Kotliński has served for one two-year terms as ACCU representative from 2019 to the end of 2020. He will retire in 2021 and not able to serve another term. The call for nominations among the Board Members has resulted in only one candidate, Sergio Gonzalez Sevilla, who is ready to serve in this function for the years 2021-2022. A brief CV of the candidate is attached.

The Board (in conformity with Article 19, litt. e) is requested

to recommend to the Plenary the election of **Sergio Gonzalez Sevilla**

for a first two-year term from January 2021 to December 2022 as ACCU representative.

Required majority: simple



The CHIPP Chair will submit the name of the recommended candidate to the Plenary for decision.

Agenda item 10:

Re-election of a Swiss ECT* representative

The ECT* (European Centre for Theoretical Studies in Nuclear Physics and related areas) has in its mission to be the centre of frontline research in theoretical nuclear physics, to promote active contacts between theory and experiments and related areas of research, and to further training young researchers.

Gilberto Colangelo (University of Bern) has promoted the Swiss participation in ECT* in August 2017 when he presented his proposal to the CHIPP Board (Board 2017-02). The SNSF in late December 2017 has agreed on supporting the Swiss membership in ECT*.

The Board (in conformity with Article 27-e) is invited

➤ **to re-elect**



Gilberto Colangelo (University Bern)

as Swiss representative for a 2nd term from September 2020 to September 2022.

Required majority: simple

Agenda item 11:

Re-election of a Swiss representative at the EPPCN

The CERN Council established a network of closely cooperating professional communication officers from each CERN Member State in 2006 at DESY Zeuthen as part of the European Strategy for Particle Physics.

The Member state representatives have the duty to incorporate existing activities, propose, implement and monitor a European particle physics communication and education strategy, and report on a regular basis to the CERN Council.

In June 2017, Angela Benelli as CHIPP administrator accepted the responsibility to be the new Swiss EPPCN representative. This position is supported by a SERI contribution and a CERN grant to cover travel and other expenses.

The Board (applying Article 27, litt. e of the Statutes) is invited

➤ **to re-elect**

Angela Benelli

as Swiss representative to the EPPCN for a term from January 2021 to December 2023.



Required majority: simple

Agenda item 12:

Nominations for admission of new honorary members

Between August 2019 and August 2020, the CHIPP Chair has received the following 4 requests for Honorary Membership:

Requests for Honorary Board Member

Christoph Grab (ETHZ)

Aurelio Bay (EPFL)

Antonio Ereditato (University Bern)

Requests for Honorary Plenary Member

Tatsuya Nakada (EPFL)

Bohdan Kotlinski (PSI)



The Board (applying Article 27, litt. i of the Statutes) is requested:

- **to take note** that the five applicants fulfil the requirements for being granted the status of Honorary Membership according to the Statutes;
- **to submit** to the Plenary Session the proposals of Honorary Membership of the five persons listed under A. and B. above, thereby recommending their admission in these categories.

Agenda item 13:

CHIPP Roadmap Update

- Great progress at the Kandersteg workshop, editorial board meeting right after the meeting and on 29/9.
 - ☐ All pieces seem to be more or less in place
 - ☐ Editorial board meeting now charged to "de-pillarize" content where appropriate, equalize level of detail, look for regional and institutional balance.
 - ☐ No update ready for this board (see timeline) – too busy times starting the semester
 - ☐ **Please support Editorial Board members soliciting your help on dedicated writing tasks if possible!**
- The Editorial Board asks for pictures and plots to be inserted in the Roadmap (send by email to Angela)
 - ☐ Please provide suggestions for plots, pictures, graphs that the editorial board will select from for illustration
 - ☐ Outreach level! Please also include a caption .txt file
 - ☐ please do not be disappointed if your picture is not selected, there is a limit on space).

Agenda item 13:

CHIPP Roadmap Timeline

1) By 30 September:

- Rough estimate of number of pages and level of graphics layout

2) By ~30 November

- Close to final text (in Word, LaTeX, ...) to make a version with the SCNAT Word template to prepare a nice, but simple document (possibly with some images) to be sent to swissuniversities and the ETH-Board before the end of the year

3) By mid to end January

- final text, all the images, the graphics, etc. to be sent to the agency making the layout in order to be on time for having the final document in PDF by the SERI deadline of 31 March 2021.

Agenda item 13: CHIPP/CHAPS working group on gravitational waves

Charge:

- Long term: Ascertain long term interest in grav waves research in both communities
- Short term: contribution to the roadmaps

A solicitation was sent out at the last Board 27. August

- Members: Biland, Iacobucci, Michele Maggiore

Agenda item 14: CHIPP Whitepapers as input for the FLARE priorities proposal

- **Pillar1** -> it was endorsed by the Board as input of the EPPSU Swiss input (September 2018 – SWICH2)
- **Pillar2** -> First draft version on 13 October 2020
- **Pillar3** -> First draft version on 28 August 2020 (RoadMap workshop)
- Plan is to endorse Pillar2 and Pillar3 Whitepapers after the FLARE prioritization (next Board)

Agenda item 14: FLARE priorities (proposal)

Flare Funding Period 2021-2024

- Uncuttables
M&O, LHC computing operations (FTE + HW)
- Flagship projects
ATLAS, CMS, LHCb, mu3e, LBN (DUNE & HyperK & T2K/Upgrade)
DARWIN
- “FAIR SHARE”:
CTA, DAMIC, XENON, LEGEND, GBAR,
IceCube, NA64, FASER, n2EDM

Agenda item 14

EB proposal: FLARE priorities

| Uncuttables (7.5 MCHF) | |
|---|--|
| LHC M&O | |
| LHC computing HW + FTE operations | |
| | |
| Scientific Flagship projects: (22.4 MCHF) | |
| ATLAS | Large community, central role in ESPP, leading contributions of CH community, CERN related. |
| CMS | Large community, central role in ESPP, leading contributions of CH community, CERN related |
| LHCb | Large community, central role in ESPP, leading contributions of CH community, CERN related. |
| Mu3e /HiMB | central role of PSI (HiMB), significant contributions of CH community |
| T2K and T2K upgrade/HyperK | T2K: return on investment, modest upgrade, international and technical leadership of CH community, HyperK: SERI infrastructure roadmap |
| DUNE | international and technical leadership of CH community, SERI infrastructure roadmap |
| DARWIN | central role in ESPP, leading contribution of CH community |
| LHC computing development for Phase 2 | Future priority to be started in 2025-28 |

| Fair Share Projects (5.8 MCHF) | |
|--------------------------------|--|
| Damc | Construction |
| FASER | Extension/Upgrade |
| GBar | Operation /tech support |
| LEGEND | Construction |
| LST (CTA)/Magic Camera R&D | CTA has a dedicated funding line in the SERI roadmap, LST/Magic is a separate consortium |
| n2EDM | Completion of construction and exploitation |

Table 1: properties of Flagship projects

- (i) Centrality to the field, how topical are the scientific questions addressed by the experiment
- (ii) Several CHIPP Board members involved as a rule. Exceptions possible if strong justification
- (iii) Flagship efforts should have some level of maturity, e.g. established costing (i.e. cost matrix) and usually a CDR or TDR at least in preparation.
- (iv) Long term commitment by the sponsoring institution(s)
- (v) Centrality within the CH landscape, i.e. PSI or CERN
- (vi) Established scientific or technological leadership of CH community
- (vii) Modest upgrades of running experiments should have high priority if the upgrade ensures improved and prolonged data taking.

Agenda item 14

EB proposal: FLARE priorities

The EB proposal was circulated on 24th September 2020

- Alternative proposals were solicited by 5th October 2020
- None received

The Board is invited

- **to take note** of the EB proposal on the CHIPP priorities document;
- **to endorse** the document as a CHIPP Board document with the suggestions and corrections discussed in this meeting



Simple majority

NB: We intend to make the endorsed prioritized document public on the CHIPP webpage.

Agenda item 14: FLARE funding rules updates

FLARE call:

2.2 Eligible costs

¹ Researchers can submit FLARE proposals to request funding for the development, construction, maintenance and operation of internationally recognised experiments.

- b) Salaries for technicians and/or engineers hired specifically for the project. The SNSF does not finance permanent positions. The requested salaries must comply with the salary ranges of the local institutions. Technicians and/or engineers hired on a FLARE project are not allowed to perform academic research activities in the context of this project. Funding of scientific personnel (such as doctoral students and postdocs) is excluded.

Clarification from SNSF:

- Technicians/engineers may be employed in several projects consecutively, as long as they work for the project at the requested percentage. The SNSF does accept the rules governing the hiring contracts of university staff. On the other hand, the SNSF cannot guarantee the funding of the staff after the end of a project.

Agenda item 15:

CHIPP Computing Board

Mauro Donega (ETHZ)

Agenda item 16: SPS/OPG joint annual meeting in Innsbruck

Andreas Schopper (CERN)

At present it is foreseen to have the meeting in person in **Innsbruck** in the week of **28 June to 2 July 2021**.

Agenda item 17:

Status of new professorships

New professorships at CHIPP institutes

□ report from each institute:

- Basel
- Bern
- Geneva
- Zurich
- EPFL
- ETHZ
- PSI

Agenda item 18: A.O.B.

- News from the community
 - Any news or announcement to be communicated ?

Preparation of two CH FCC-ee Workshops in 2021

[Canelli/Sfyrla]

