Welcome to the:
– Board members
– Honorary Board members
– Observers at the Board

Stephanie Vögeli kindly accepted to replace Xavier Reymond from SERI
Agenda item 1: Agenda

- The final Agenda has been distributed on Sunday 7 October 2018
- All documents have been made available on a confidential CHIPP internet page.

   Agenda approved?
AGENDA

DECISION ITEMS

4. Report on SWICH Workshop in Fribourg
   [Tatsuya Nakada]

5. CHIPP activities and Budget 2019
   [Tatsuya Nakada]

DISCUSSION ITEMS

6. FLARE funding requests
   - preparation for future requests by known projects
   - other projects requiring large funding
   - priority list for CHIPP
   for discussion
   [Introduction & Table]

7. Computing steering board
   for discussion
   [Christoph Grab]

8. CHIPP plenary meeting 2019
   for discussion
   [Tatsuya Nakada]
Agenda item 2: Proxy Votes

- The following Proxies have been designated:
  - Malte Hildebrandt (for Stefan Ritt)
  - Michael Spira (for Adrian Signer)
  - Günther Dissertori (for Rainer Wallny)
  - Michele Weber (for Giuseppe Iacobucci)
  - Anna Sfyrla (for Tobias Golling)
  - Tatsuya Nakada (for Martin Kunz)
Agenda item 2: Apologies & Quorum

• The following apologies have been received:
  Federico Sanchez, Xavier Reymond, Laura Baudis, Maurice Bourquin, Andreas Schopper

• Board members with voting rights: 66
• Quorum (1/3 of Board): 22 votes, reached?

5 proxy
  to be counted in the quorum: Mikko Laine, Bernd Krusche, Stefano Pozzorini, Susanne Reffert
CHIPP observers

Bruno Moor (SERI) → will retire at the end of this month
  → Dr Gregor Häfliger (from SERI)

Xavier Reymond (SERI)

Marc Türler (SNSF) → Observer from the SCNAT
Thomas Werder (SNSF)

For the 16\textsuperscript{th} October
Cornelia Sommer (SNSF)
Stephanie Vögeli (SERI)
Agenda item 3: Minutes of the last meeting

- Final draft minutes of the CHIPP Board 2018-02 (15 October 2018) 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
Agenda item 4:
Report on SWICH Workshop in Fribourg
CHIPP document to be submitted as input to the European Strategy

CHIPP meeting on 16 October 2018
Guideline agreed by the EB and Editorial Board (Michele, Rainer, and Ruth)

- Discuss only scientific issues
- Concentrate, mainly, on the issues related to the future facilities
- Remain very short without too much explanation of scientific details.
- TN produce the first draft
Where are we?

- TN produced the first draft
- EB and Editorial Board discussion is to start
- Here is a snapshot of the first draft (with a small modifications).
Introducing CHIPP and the process for producing this document

Recapturing the scientific issues in the current Strategy
Summarising the progress up to now for the issues related to the four high priority items of ESPP, with a remark that the strategy is followed rather well.

Situation at LHC.

Therefore, the CHIPP concludes that exploitation of the LHC, not only for high $p_T$ but also for flavour physics, should remain as the first priority for Europe.
Situation with the R&D and design studies for the Energy frontier machines. Admitting that we are not yet in a position to propose the next energy frontier machine in Europe. But given the attractive points for FCC, FCC appears to be the currently CHIPP most favoured choice.

Therefore, R&D effort for FCC must be intensified with a particular focus on high field magnets crucial for the proton-proton option. Possible ways to realise such a world scale project must be searched.
Importance of CERN neutrino platform

The CHIPP supports the operation of the CERN neutrino platform to continue and even to be extended, if required, so that the community can exploit neutrino facilities worldwide.

The CHIPP thinks that when the necessary effort for the HL-LHC construction starts to decrease, CERN should explore a possibility of constructing well motivated non-collider facilities which are unique to CERN.

The Swiss community considers a beam dump facility with the SPS beam particularly interesting. The SPS provides high intensity high energy proton beam which makes the beam dump facility to be a unique place to look for rare phenomena in a wide energy range.

The fact that new physics must be searched at different fronts also brings a great opportunity to facilities at lower energies performing precision physics. This also generates welcome diversity in the field.

We support strongly to continue the activities at national facilities for performing precision physics.

In this context, the Swiss community would like to recall the PSI facilities which provide the world most intensive pions and muons, as well as ultra cold neutrons providing unique opportunities for experiments.

Astroparticle physics is a still expanding field where Swiss particle physicists are heavily involved. It addresses some of very relevant questions in particle physics and adopted many detector technologies developed in particle physics. The core mission of CERN lies on the accelerator based facility and it should remain so. On the other hand, the CERN expertise in detector construction and know-how to manage large facilities could make a big difference for astroparticle physics experiments even with a modest level of contribution from CERN. For this reason, the Swiss community thinks that

CERN should consider contributing to well selected astroparticle physics experiments where CERN participation can make unique contribution.
Importance of moderate CERN investment in non-collider facilities

Mention the SPS beam dump as a unique possibility
Importance of exploiting facilities at national laboratories

Mention the PSI
world scale project must be searched.

For the long term future, we should explore ways to reach energy scales much beyond
10 TeV, which is currently out of scope.

— The Swiss community considers that sustained R&D effort for novel acceleration
technologies must continue.
In this context, a linear collider would be a possible place where such technologies could
be applied and serve as a base for the future development.
— The Europe should be prepared for discussing how to support linear collider effort
reflecting upon the worldwide situation.

The CERN neutrino platform is working very well for the neutrino community in Europe
and worldwide to make necessary detector R&D with charged particle test beams.
— The CHIPP supports the operation of the CERN neutrino platform to continue and
even to be extended, if required, so that the community can exploit neutrino facilities
world wide.

Given that we are still looking for sign of new physics, we should not restrict our search
for phenomena beyond the Standard Model to the experiments at the high energy colliders.
The CERN accelerator complex can provide unique opportunities with modest cost.
— The CHIPP thinks that when the necessary effort for the HL-LHC construction starts
to decrease, CERN should explore a possibility of constructing well motivated non-
collider facilities which are unique to CERN.
The Swiss community considers a beam dump facility with the SPS beam particularly
interesting. The SPS provides high intensity high energy proton beam which makes the
beam dump facility to be a unique place to look for rare phenomena in a wide energy range.
The fact that new physics must be searched at different fronts also brings a great
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welcome diversity in the field.
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involved. It addresses some of very relevant questions in particle physics and adopted many
detector techniques for astroparticle physics experiments even with a modest level of contribution from CERN.

— CERN should consider contributing to well selected astroparticle physics experiments
where CERN participation can make unique contribution.
Agenda item 5: CHIPP activities and Budget 2019

The specific CHIPP activities for 2019 are:

- The CHIPP PhD Winter School 2019 (organizational and financial support)
- The CHIPP Annual Plenary (organization, program and active participation)
- The PSI workshop (financial support)

The CHIPP outreach activities:
- The dialogue with the society through the SCNAT thematic portal on particle physics
- The CHIPP membership in IPPOG (outreach strategy and activities)
- Possibly other targeted outreach activities as the maintenance of the CHIPP Twitter account.

The EPPCN: European Particle Physics Communication Network (active Swiss participation)

The CHIPP Prize (advertisement, selection, and ceremony)
- The formal CHIPP Plenary (organization, program and active participation)
- The CHIPP Board and EB meetings (overseeing and running the association)

The CHIPP Membership in SCNAT (annual report, funding requests, active participation in MAP platform and delegation meetings)
- The follow-up of the joint FLARE requests on LHC M&O and Grid Computing (yearly adjustment)

The Round Table International (active participation)

The coordination of future particle physics activities in Switzerland (CHIPP Tables, etc.)
- The CHIPP input to SNSF and SERI regarding the Swiss representation in the CERN Council, in APPEC, and in NuPECC
- The CHIPP representation in ECFA and in ACCU (via direct election)
- The CHIPP observer status in CHAPs and in the Committee on Space Research (CSR).
CHIPP Membership fee: calculation for 2019

Membership base: CHIPP database 10.10.2018

Final numbers will be based on membership status in early Nov. 2018

110 CHF/capita (excluding honorary members) PLUS 5600, and 2000 CHF respectively

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$^1$ Honorary members are not subject to the annual membership fee (CHIPP Bye-Laws, Article 1.2).

The numbers in this column are subtracted from the number of total members for the fee calculation.
### CHIPP Association

**Activities and Budget 2019**

#### Financial Plan

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#### BALANCE

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| Asset at start of the year | 57'034 | 55'986 | 55'986 | 45'282 | 31'482 | 19'682 | 7'882 |
Votes for Budget 2019 ...

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Physics of fundamental Symmetries and Interactions

Fundamental physics and precision experiments with muons, pions, kaons, neutrons, antiprotons and other particles

- Low energy precision tests of the Standard Model
- Searches for permanent electric dipole moments
- Exotic atoms and molecules
- Searches for symmetry violation and new forces
- Precision measurements of fundamental constants
- Advanced muon and ultracold neutron sources

Organising Committee:
Klaus Kirch
Bernhard Lauss
Stefan Ritt
Adrian Signer

Follows PSI2013 and PSI2016, expect 150 participants, all talks plenary, poster session
Agenda item 6: FLARE funding requests

Presentation for discussion: Tatsuya Nakada

- Funding available for 2017-2020 period (physics+astronomy): 32 M
- Funding already granted: 18.7 M (physics) + 2.9 M (astronomy)

- Astronomy if 20% (2017-2020) → ~5M
• FLARE panel : 29-30 January 2019 : RESERVE THE DAY
  the PIs may be invited to make a presentation
  as the last year
"The FLARE program aims at facilitating the development, construction, maintenance and operation of research infrastructures for major international experiments in particle physics, ground based astrophysics and astroparticle physics.\text{"} space based astroparticle experiments are not eligible for the FLARE funding.
Agenda item 7: Computing steering board

Presentation for discussion

- Christoph Grab
Agenda item 8: CHIPP plenary meeting 2019

1-3 July 2019

http://hotel-victoria.ch/
Next to come..

31 October 2018
Planetarium Luzern
Agenda item 9: Status of new professorships

New professorships at CHIPP institutes

- report from each institute:
  - Basel
  - Bern
  - Geneva
  - Zurich
  - EPFL
  - ETHZ
  - PSI
Agenda item 22: A.O.B.

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