

CHIPP Board meeting

Welcome to the:

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

Agenda item 1: Agenda

- The final Agenda has been distributed on Friday 11 October 2017
- All documents have been made available on a confidential CHIPP internet page.

➔ **Agenda approved ?**

DECISION ITEMS

4. **CHIPP activities 2018: planning and budget**
for approval
- **Planned activities**
 - **Budget 2018**

Proposal

DISCUSSION ITEMS

5. **Report of EB activities**
for discussion [Tatsuya Nakada]
6. **Pillar 1 White Paper (organisation & schedule)**
for discussion [Rainer Wallny]
7. **Computing steering board**
for discussion [Christoph Grab]
8. **CHIPP roadmap**
for discussion [Michele Weber]
9. **ETC* membership**
for discussion [Tatsuya Nakada]
10. **Open Research Data: SNSF issues guidelines for data management plan (DMP)**
Inputs also from Ben Kilminster and Olaf Steinkamp
for discussion [Rainer Wallny]

INFORMATION ITEMS

11. **ETHZ – Institute of Particle Physics and Astrophysics** [Guenther Dissertori]
12. **Strategic Secretary CERN** [Olivier Schnieder]
13. **Next CHIPP Plenary and Board meetings (propose two dates)**
14. **New professorships at CHIPP institutes: report from each institute**
15. **A.O.B.**
- The official launch of the new Astroparticle Physics European Consortium (APPEC) roadmap** [Teresa Montaruli]
- The World Conference of journalists in 2019 in Lausanne** [Angela Benelli]
- SPS/CHIPP joint annual meeting** [Andreas Schopper]

Agenda item 2: Proxy Votes

- The following Proxies have been designated:
 - Malte Hildebrandt (for Klaus Kirch)
 - Giuseppe Iacobucci (for Tobias Golling)
 - Michele Weber (for Igor Kreslo)
 - Florencia Canelli (for Gino Isidori)
 - Guenther Dissertori (for Christoph Grab)
 - Gilberto Colangelo (for Bernd Krusche)
 - Alain Blondel (for Teresa Montaruli)

Agenda item 2: Apologies & Quorum

- The following apologies have been received:
 - HansPeter Beck, Bernd Krusche, Stefan Antusch, Thomas Werder, Laura Baudis, Teresa Montaruli
- Board members with voting rights: 64
- Quorum (1/3 of Board): 22 votes, reached ? yes

24 presents and 7 proxys → 31 votes

Agenda item 3: Minutes of the last meeting

- Final draft minutes of the CHIPP Board 2017-02 (September 2017) 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: CHIPP Activities 2018 (1)

- As in previous years, the last Board meeting has to deal with the activities and the budget of the coming year.
- The detailed Board document distributed on 26 October is structured in three parts:
 - **Planned activities 2018**
 - **Corresponding budget 2018**
 - **Foreseen income from the membership fees 2018.**
- The main changes compared to last year in the budget are the inclusion of:
 - Two Strategic Workshops (SWICH) compensated in part by a SCNAT grant

Agenda item 4: CHIPP Activities 2018 (2)

Planned activities

- **Science:** CHIPP Annual Plenary, CHIPP Prize, two Strategic Workshops (SWICH April and September)
- **Communication & Outreach:** EPPCN activities, Outreach activities: IPPOG membership, “Dialog” with the society, ...
- **Funding:** requests to SCNAT, adjustment to joint FLARE requests for LHC M&O and Computing, CHIPP long-term strategy and financial planning
- **Association:** EB, Board and Plenary meetings, active SCNAT membership, participation in the Round Table International, FLARE prioritisation, designation of representatives in national / international organisations, website maintenance

Agenda item 4: CHIPP Activities 2018 (3)

Budget overview

- **Planned Expenses → 152.8 kCHF:**
 - Work of Administrator, operations and travel cost → 78k
 - Contribution to SCNAT (3.5k) + IPPOG (3.3k), ZuoZ School (12k), SWITCH workshops (17k), Communication & Outreach (31k, incl. EPPCN), Prize (4.5k), meetings (2k) → 75.3k
- **Anticipated Income → 142 kCHF:**
 - Contribution from CHIPP members → 81k
 - Support from SCNAT → 41k
 - Support for EPPCN from SERI & CERN → 20k
- **Balance → -10.5 kCHF (but with an estimated asset of ~43k)**

Agenda item 4: CHIPP Activities 2018 (4)

Contributions from CHIPP Members (unchanged):

- Individual membership fee and institutional fee

➔ The Board is invited

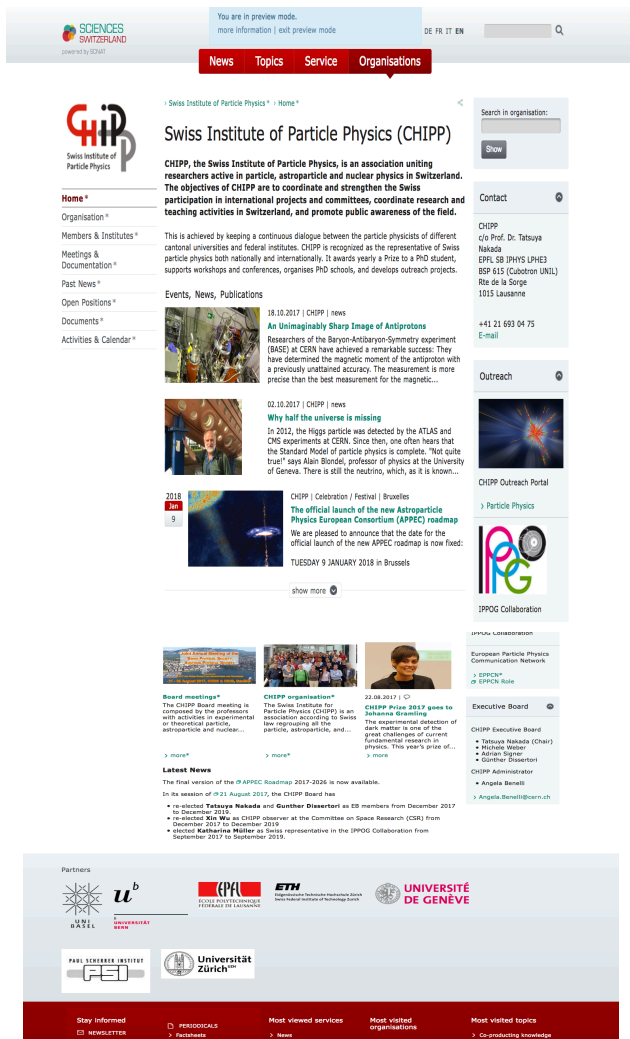
- **to approve** the CHIPP activities for 2018,
- **to approve** the CHIPP budget as resulting from the activities,
- **to approve** the membership fee as well as the institutional fee as set out above.

Base: Article 27, litt. a, and litt. u; simple majority

EB report

- **Florencia Canelli** has been elected as Secretary of the IUPAP C11 Commission, starting from the 1st of January 2018
- Report of the RoundTable discussion at SNF with **SERI/CERN** meeting of the 27th October 2017
- **RRB meeting at CERN – M&O** 23-25th October
- **White Papers** editorial team
- 2018 Strategic Workshops: **SWICH**
- **DMP** report
- **Computing Board**
- **CHIPP website** on the **SCNAT** webpage is **ONLINE**
- **31/10 Dark Matter Day** at the **Luzern Planetarium** (F.Canelli & L.Baudis)

CHIPP website **ONLINE** on the SCNAT webpage



The screenshot shows the CHIPP website interface. At the top, there's a navigation bar with 'News', 'Topics', 'Service', and 'Organisations'. Below this, the main content area features a large header for 'Swiss Institute of Particle Physics (CHIPP)' with a description of its mission. A sidebar on the left contains a menu with 'Home', 'Organisation', 'Members & Institutes', 'Meetings & Documentation', 'Past News', 'Open Positions', 'Documents', and 'Activities & Calendar'. The main content area includes a 'Contact' section with the CHIPP address and phone number, an 'Outreach' section with a 'CHIPP Outreach Portal' link, and a 'Latest News' section with several articles. At the bottom, there's a 'Partners' section with logos for various institutions like ETH Zurich, Universität Zürich, and others.

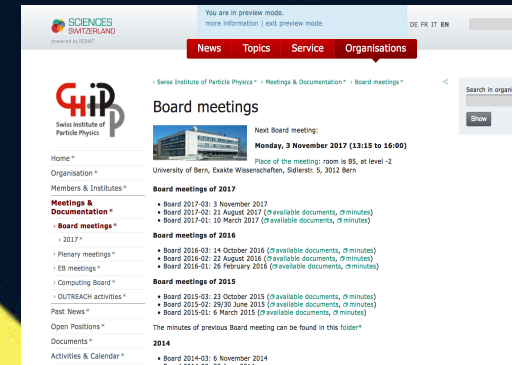
<https://naturalsciences.ch/organisations/chipp>

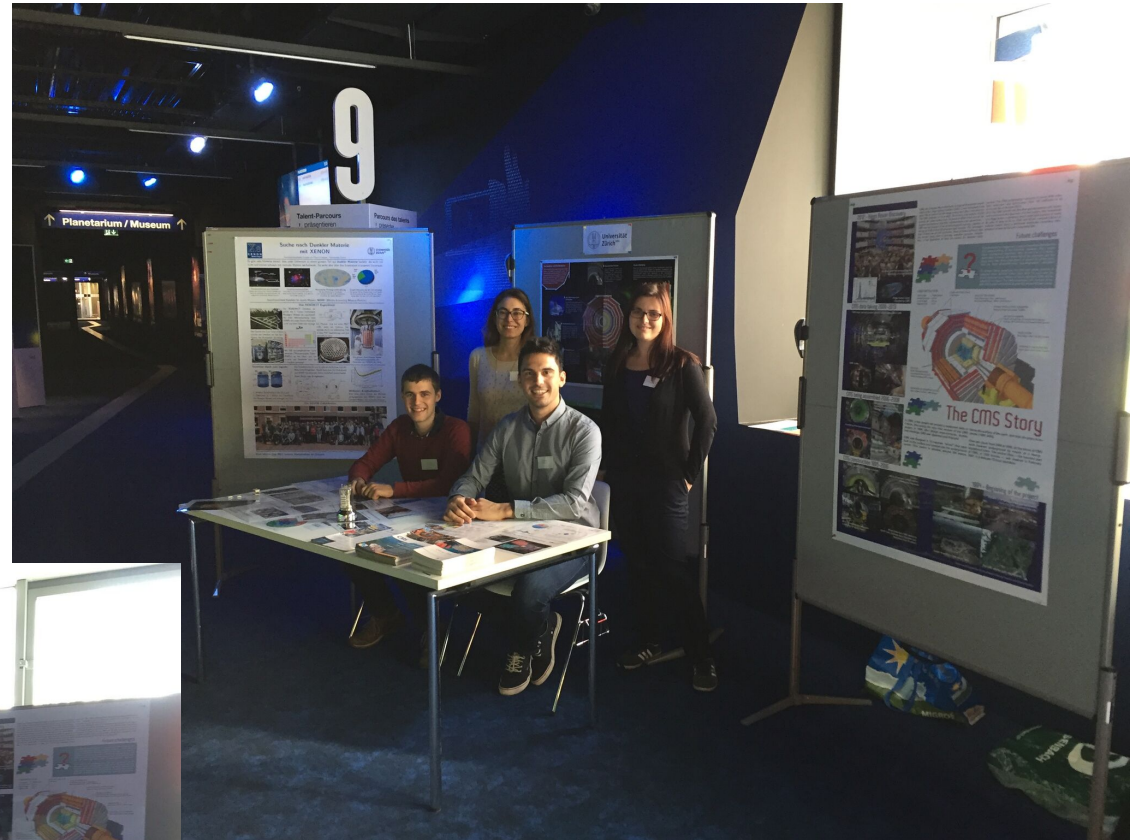
Available via www.chipp.ch



F.Canelli & L.Baudis
University Zurich

31 OCTOBER 2017
DARKMATTERDAY.COM





**Claudia Seitz and Deborah Pinna
(CMS, Canelli)
Adam Brown and Julien Wulf
(XENON, Baudis)**

Agenda item 6: Pillar 1 White Paper

Introduction

- ▶ Rainer Wallny

Discussion

Pillar 1 Whitepaper: Boundary Conditions

- **Scope** of the Whitepaper (WP) for Pillar 1:
 - Set the strategy for 2019-2029 (i.e. post LHC Run 2) to cover 2025-30 with HL-LHC
 - by then we hope to know the next future high energy machine
 - Also better include interplay high energy / low energy frontier
- **Timescale:**
 - **2018** Swiss internal Road Map discussion ; Pillar 1 WP as input for (update of) CHIPP-Roadmap
 - First Strategic Workshop 3-6 April 2018, open to all CHIPP members
 - Second workshop in 13/14 September, restricted to about 100 people
 - Planning for first Workshop in analogy to SWHEPPS program
 - **2019** Europe-wide discussions about the European strategy
 - **Spring 2020** – new European Strategy ready
- We attempt **no prioritization recommendation** in WP
 - WP should provide necessary ingredients for discussion during the 2018 workshops
- WP needs to be **ready before April 2018**

Pillar 1 Whitepaper: Core Editorial Team

- Editorial Team:
 - Florencia Canelli
 - Gino Isidori
 - Klaus Kirch
 - Lenny Rivkin
 - Olivier Schneider
 - Tobias Golling
 - Rainer Wallny (organization)

- First Meeting November 6th, 15h-17h ETH Rat
 - Clarify / draw the list of missing content w.r.t. to SWHEPPS paper
 - Agree on a timescale an series of meetings
 - Agree on technicalities of writing

Agenda item 8: CHIPP roadmap workshop

Presentation

- ▶ Michele Weber

Programme committee members for the 1st SWICH Workshop 3-6 April:

Thomas Gehrman

Michele Weber Chair

Ruth Durrer

Klaus Kirch

Leonid Rivkin

Rainer Wallny

Andre Rubbia

Laura Baudis

Gino Isidori

Olivier Schneider

Mikhail Shaposhnikov

Giuseppe Iacobucci

Teresa Montaruli

Strategic Workshops 2018

- Update of the European Strategy for Particle Physics (ESPP) by May 2020, preliminary discussions will take place in 2019
- The Swiss contribution should be ready by early 2019 as input to this process

→ Update of the CHIPP Roadmap in 2018

- Two strategic workshops to be held in 2018 (see next slides):
 - Spring (3-6 April 2018):
Status of the fields, white papers, options, developments, planning
 - Fall (13-14 September 2018):
Define roadmap, priorities

Strategic Workshops 2018

Centre Löwenberg in Murten: 3-6 April 2018

[Easter week...
Hotels for families available]



Parc Hotel in Fribourg: 13-14 September 2018

[Just before the semester starts]



September workshop
includes the CHIPP Board
and Plenary 2018 Meeting

Program committee

Michele Weber: chair

Thomas Gehrman

Gino Isidori

Ruth Durrer

Klaus Kirch

Leonid Rivkin

Giuseppe Iacobucci

Rainer Wallny

Olivier Schneider

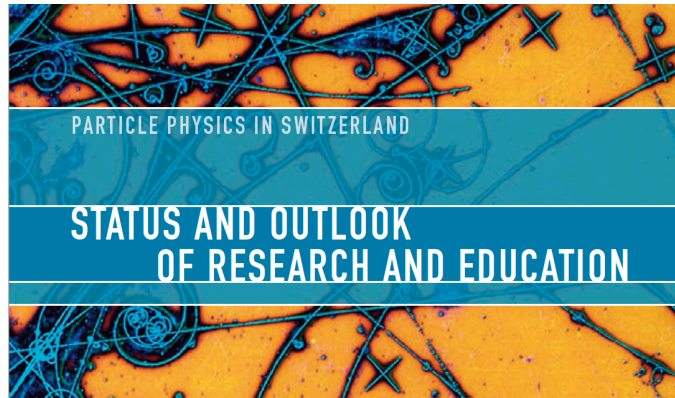
Andre Rubbia

Laura Baudis

Teresa Montaruli

Mikhail Shaposhnikov

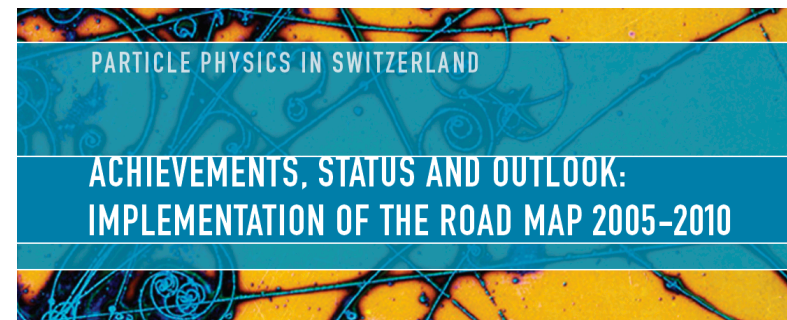
Toward the workshops, program



May 2004 CHIPP roadmap

- Particle and Astroparticle physics
- Experimental and theoretical activities
- Outlook of activities
- Spin-offs
- Education and Outreach

Recommendations for each section
Defined three Pillars in the executive summary



July 2011 Implementation document

- LHC started
- Plans large underground neutrino facility
- Relevance of PSI
- Accelerator R&D

Directly and indirectly relevant documents

CHIPP White-Papers

Strategy for Swiss contributions to large ground-based¹ astro-particle physics research infrastructure

March 17, 2013

Laura Baudis, Teresa Montaruli, André Rubbia and Ueli Straumann (editing authors)

14 November 2015

Experimental neutrino physics: Switzerland in the global context, a white paper

Editors: L. Baudis, A. Blondel, A. Ereditato, T. Montaruli, A. Rubbia, N. Serra

SWHEPPS 2016:

Summary of the
Strategic Workshop for High Energy Particle Physics
in Switzerland

Roadmap Infrastrukturen SBFI



SBFI/NFI

**Schweizer Roadmap für Forschungsinfrastrukturen im
Hinblick auf die BFI-Botschaft 2017-2020
(Roadmap Forschungsinfrastrukturen 2015)**

Vom Bundesrat als Grundlagenpapier für die BFI-Botschaft 2017-2020 am 24. Juni 2015 zur
Kenntnis genommen

Sessions:

TBD by program committee

- Experiments at the frontier of high-energy interactions between fundamental particles & precision physics: LHC-PSI & future opportunities
- Neutrino Physics: experiments to explore the nature of neutrinos
- Astroparticle: experiments at the interface of particle physics with astrophysics and cosmology
- Theory: Theory and connections to other fields
- Accelerator
- Detector
- Computing
- Education, outreach, knowledge transfer
- ...

(current pillars can be revisited)

Agenda item 9: Update on ECT* membership

Presentation

- ▶ Tatsuya Nakada

Discussion

Agenda item 10: Data Management Plan

Presentation

- ▶ Rainer Wallny

Discussion with inputs from:

Ben Kilminster and Olaf Steinkamp (excused)

Agenda item 7: Computing steering board

Presentation

- ▶ Christoph Grab

Discussion

CHIPP

Computing Board Issues

Christoph Grab
ETH Zürich



03.11.2017

Bern

Issues (1)

At the board 11/08/17 we decided to split the computing discussions into a) LHC related and b) more general CHIPP computing issues.

- For information:

The “**CHIPP LHC computing board**” will meet early Dec to discuss LHC-related computing issues, such as the results of the LHConCRAY test phase during 2017.

- **Reminder:**

In view of the longer term and **more general CHIPP computing** strategy within the CHIPP community, I had proposed to create an **interface for common strategic** discussion.

Organisation for CHIPP computing (IV)

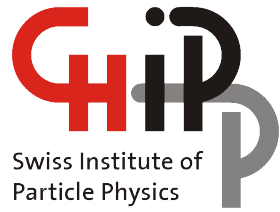
Slide of 21/8/2017

- We suggest to create an **interface for common strategic** discussion.
We search for **contact persons** from the different CHIPP communities/pillars:
 - HEP : existing LHC computing steering board delegate
 - Neutrino physics
 - Low-energy + precision physics
 - Astro-particle physics
 - Theory
 - ????
- We will then call for a brainstorming meeting with these persons to discuss needs and then propose further steps.

→ **Please send proposals for contact persons to A.Benelli and C.Grab.**

We have received so far only ONE name...

PLEASE send us names of contact persons, who can represent your community!



Agenda item 12: Strategic Secretary CERN and the European Strategy process

Oral Presentation

- ▶ Olivier Schneider

Agenda item 13: Next CHIPP Board & Plenary meetings

Please book the dates in your diary!

Plenary 2018:

- ➔ **27 August 2018, EPFL, Lausanne**
at the SPS/OPG & CHIPP joint meeting 2018

Board 2018–01, Bern:

- ➔ **15 February 2018, SCNAT, Bern at 13:15**

Agenda item 14: Status of new professorships

New professorships at CHIPP institutes

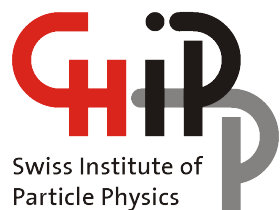
- report from each institute:
 - ▶ Basel
 - ▶ Bern
 - ▶ Geneva
 - ▶ Zurich
 - ▶ EPFL
 - ▶ ETHZ
 - ▶ PSI

Agenda item 15: A.O.B.

- Update of FLARE Table: Spring 2018.
- CHIPP Annual report to be submitted in February 2018
- News from the community ?

Any news or announcement to be communicated ?

- Launch of the APPEC Roadmap Teresa Montaruli
- World Conference of Science Journalists in 2019 in Lausanne Angela Benelli
- SPS/CHIPP joint annual meeting 2018 Andreas Schopper



<http://www.wcsj2019.eu>

Contact:
Arnaud Marsollier
CERN Press Office



at the SwissTech Convention Center, on the campus of the Ecole Polytechnique Fédérale de Lausanne (EPFL) and the University of Lausanne (UNIL).

Organized by the Science Journalists' association of Switzerland France and Italy
CERN & EPFL support

Between 1000 and 1200 participants (journalists) are expected to attend

Visits at the laboratories and alpine research station (universities/CERN/ETH/EPFL/PSI and Jungfrau)