

CHIPP Board meeting

Welcome to the:

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

New Board member:

- Prof. Gino Isidori, Uni. Zurich (Theory)

CHIPP Board 2015-01, Bern, 6 March 2015

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Agenda item 1: Agenda

- The final Agenda has been distributed on 24 February.
 - All documents have been made available on a confidential CHIPP internet page.
- ➔ **Agenda approved ?**

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Agenda item 2: Proxy Votes

- The following Proxies have been designated:
 - Laura Baudis (for Gino Isidori)
 - Florencia Canelli (for Vincenzo Chiochia)
 - Günther Dissertori (for Felicitas Pauss)
 - Giuseppe Iacobucci (for Tobias Golling)
 - Teresa Montaruli (for Philippe Mermod)
 - Adrian Signer (for Michael Spira)
 - Xin Wu (for Martin Pohl)

Agenda item 2: Apologies & Quorum

- The following apologies have been received:
 - Gilberto Colangelo
 - Stefano Pozzorini
 - Andreas Schopper (SPS observer)
- Board members with voting rights: 66
- Quorum (1/3 of Board): 22 votes, reached ?

Agenda item 3: Minutes of the last meeting

- Minutes of the CHIPP Board 2014-03 (6 Nov 2014) have been made available after the meeting on www.chipp.ch

→ **The Board is invited**

- **to approve** the minutes of the last meeting

Base: Art. 27, litt. a; simple majority

Agenda item 4: Closure of the 2014 Accounts (1)

Annual Report 2014

- CHIPP has to deliver an Annual Report to SCNAT
- This sets the format of the CHIPP Annual Report (distributed)

Annual Accounts 2014

- The *Profit and Loss Statement* (distributed) shows the expenditures and income of the Association for the year 2014 and the year end result.
- The *Balance Sheet* (distributed) shows the change in assets between end 2013 and end 2014.

Agenda item 4: Closure of the 2014 Accounts (2)

Profit and Loss Statement 2014

- **Income: 108'014.89 CHF**
 - CHIPP membership fees: 83'230.–
 - Contribution SCNAT: 24'757.94 (for SWAPS, Zuoz, outreach)
- **Expenditure: 114'358.59 CHF**
 - Salary administrated by UZH: 80'000.–
 - Outreach (excluding SNSF-Agora), SWAPS workshop, Zuoz school: 24'819.94
 - SCNAT membership fees: 3'241.–
 - Prize money: 3'000.–
 - Meetings and administrative (travel) costs: 3'297.65
- Profit (+)/Loss (–): **–6'343.70 CHF**

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Agenda item 4: Closure of the 2014 Accounts (3)

Balance Sheet

- Assets: 31-12-2014: 89'305.15 (31-12-2013: 96'848.85)
 - This includes transitory liabilities of 25'830.– (membership fees 2015 paid in 2014) and transitory assets of 9'760.34 (SCNAT support of SWAPS paid in early 2015)
 - **Net assets** on 31-12-2014: **63'475.15** (31-12-2013: **69'818.85**)
- Decrease in assets 2014: CHF **–6'343.70** (2013: **+8'756.15**)

Auditor's report (distributed)

- The audit took place on 29 Jan. 2015 in Bern with two auditors – Giuseppe Iacobucci & Michael Spira – Marc Türlér (CHIPP administrator), and Ms. Monika Röllin (accountant, UZH).
- According to the auditors, the statements fairly represent the financial position of CHIPP, have been prepared with care and comply with statutory requirements.

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Agenda item 4: Closure of the 2014 Accounts (4)

→ **The Board is requested**

- **to approve** the Annual Report 2014 to be made publicly accessible on the CHIPP website;

→ **Following the positive recommendation of the auditors, the Board is requested**

- **to approve** the Annual Accounts, the Balance Sheet and the Profit and Loss Statement for the year 2014;
- **to formally discharge** the CHIPP EB and the CHIPP Administration for the year 2014, expressing at the same time its thanks and appreciation for the careful accounting.

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

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Agenda item 5: Election of two auditors

- An audit is mandatory by Swiss law for the CHIPP association
- Giuseppe Iacobucci (Uni. GE) and Michael Spira (PSI) served as auditors from 2013 to 2015, and now wish to step down.
- Due to the light task (a one-hour meeting per year) the EB identified possible candidates without a call for nominations.
- Ben Kilminster (UZH) and Michele Weber (Uni. BE) are willing to serve as auditors.

→ **The Board is requested**

- **to elect Ben Kilminster and Michele Weber** as CHIPP account auditors for a three-year mandate from June 2015 to June 2018.

Base: Article 27, litt. e; simple majority

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Agenda item 6: Election of an observer at the Swiss Commission on Space Research (CSR)

- The CSR – which is part of SCNAT – asked CHIPP to nominate an observer to serve as official CHIPP–CSR link.
- The status would be similar to CHIPP Observers in the Board (i.e. without voting right) and would strengthen the links between the two SCNAT members.
- The EB identified Xin Wu (Uni. GE) as a good candidate for this role and he is ready to take this responsibility.

→ **The Board is requested**

- **to elect Xin Wu** as the CHIPP observer in the Swiss Commission on Space Research for a renewable three-year mandate from March 2015 to December 2017.

Base: Article 27, litt. e; simple majority

Agenda item 7: CHIPP Plenary 2015

Presentation

- ▶ Olivier Schneider, for the EB

Discussion

Agenda item 7: CHIPP Plenary 2015: venue

- The CHIPP Plenary 2015 will take place at
“Château de Bossey” in Céligny, near Geneva
on Monday, 29th June – Wednesday, 1st July 2015



<http://www.chipp.ch/chipp-AnnualPlenaryMeeting2015.html>

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Agenda item 7: CHIPP Plenary 2015: programme

Tentative Overall Programme

Time \ Date	Monday, 29 June	Tuesday, 30 June	Wednesday, 1 July
7:30-9:00		Breakfast	Breakfast
9:00-10:30	Arrival / Coffee	Session 3	Formal Plenary
10:30-11:00	Board meeting I	Coffee	Coffee
11:00-12:30		Session 4	Session 7
12:30-13:30	Lunch	Lunch	Lunch
14:00-15:30	Session 1	Session 5	Session 8
15:30-16:00	Coffee	Coffee	Summary
16:00-17:30	Session 2	Session 6	Departure
17:30-18:15	CHIPP Prize + talk	Board meeting II	
18:15-19:00	Informal discussions		
19:00-20:00	Dinner	Dinner	
20:00-22:00	Informal discussions	Informal discussions	

Total time of sessions: 8 x 1.5 hour = 12 hours

Board meetings: 2 hours + 1.5 hour = 3.5 hours

Formal Plenary: 1.5 hour + 45 min (CHIPP Prize)

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Agenda item 7: CHIPP Plenary 2015: sessions

- **A special theme**
 - **Technology Transfer (2 sessions)** ← guest speaker
 - review some of the TT activities within the CHIPP groups
 - invite also a few outside people
- **An emphasis**
 - **LHC programme (3 sessions)** ← guest speaker
- **A review of other activities**
 - **Astroparticle physics (1 session)**
 - **Neutrino physics (1 session)** ← guest speaker
 - **Future facilities (1 session)**

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Agenda item 7: CHIPP Plenary 2015: sessions & speakers (1)

Names, subjects and timings

given in the following slides are just ideas,
nothing is fixed or confirmed

(most of the people not contacted yet ...)

Agenda item 7: CHIPP Plenary 2015: sessions & speakers (2)

Technology Transfer (2 x 90 min)

EB, Board

Duration (min)	Possible speakers / Contact persons	Topics / Titles
35+10	Tim Berners-Lee	WWW
18+5	Reto Muff	RUAG Space
18+5	Christian Brönnimann (CEO)	DECTRIS (detection of X-rays)
18+5	Leszek Ropelewski	R&D Collaboration RD51 "Development of Micro-Pattern Gaseous Detectors Technologies"
18+5	Nick Schlumpf, Horisberger	Chip Design Core Team (PSI)
18+5	Chiara Casella	Small Animal Fast Insert for mRi (SAFIR)
18+5		

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Agenda item 7: CHIPP Plenary 2015: sessions & speakers (3)

LHC and Low Energy Physics (3 x 90 min)

Schneider, Wallny, Signer

Duration (min)	Possible speakers / Contact persons	Topics / Titles
35+10	Frédéric Bordry	LHC facility (status and upgrades)
35+10	Iacobucci	ATLAS (status, results and upgrades)
35+10	Wallny	CMS (status, results and upgrades)
35+10	Schneider	LHCb (status, results and upgrades)
18+5	Contino, Pozzorini, ...	Theory I
18+5		Theory II
18+5	Isidori, ...	Low energy and high precision (theory)
18+5	Kirch	Low energy and high precision (experiment)

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Agenda item 7: CHIPP Plenary 2015: sessions & speakers (4)

Astroparticle Physics (90 min)

Montaruli

Duration (min)	Possible speakers / Contact persons	Topics / Titles
18+5	Kunz	Theory / Planck results
18+5	Baudis, Schumann, Kilminster, Rubbia, Mermod	Dark matter direct and indirect searches (DAMIC, XENON, DARWIN, ArDM, IceCube, CTA, Monopoles)
12+3	Montaruli, Straumann, Biland, Walter, Neronov	High-energy astrophysics (IceCube / CTA)
12+3	Baudis, Gornea	Neutrino double-beta decay
12+3	Wu, Pohl	Cosmic rays (AMS + future space experiments)

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Agenda item 7: CHIPP Plenary 2015: sessions & speakers (5)

Neutrino Physics (90 min)

Montaruli

Duration (min)	Possible speakers / Contact persons	Topics / Titles
25+5	Silvia Pascoli (Durham)	Theory
12+3	Nessi	CERN Platform
12+3	Blondel	Japan: T2K and Hyper-K
12+3	Rubbia	Long Baseline
12+3	Ereditato, Weber	Short Baseline

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Agenda item 7: CHIPP Plenary 2015: sessions & speakers (6)

Future Facilities (90 min)

Rivkin

Duration (min)	Possible speakers / Contact persons	Topics / Titles
	Blondel, Rivkin	FCC
	Rivkin	CLIC & ILC
	Serra, Shapochnikov	SHIP

Agenda item 8: Recent evolution on neutrino experiments

Presentation for information

- ▶ Antonio Ereditato

Agenda item 9: Outreach activities and SCNAT bicentennial celebration

Presentation for information

- ▶ Hans Peter Beck

Agenda item 10: CHIPP Long Term Financial Tables

- All project leaders have been invited in January to participate to a Working Group to discuss the format of the CHIPP Tables, as decided at the Board 2014-02.
- A video-conference took place on 26 February with Iacobucci and Weber and the EB represented by Schneider and Wallny.
- The purpose of the tables was discussed, stressing the need for discussing priorities and strategies before LA FLARE and also as early-warning for overall funding needs in the future.
- The slightly modified format proposed by the CHIPP Chair was positively received.
- Data collection will take place in April, for EB discussion in May and presentation to the Board in June.

Agenda item 11: CHIPP PhD Winter School 2015

Presentation for information

- ▶ Adrian Signer, on behalf of Vincenzo Chiochia



CHIPP Winter School 2015
Grindelwald, January 18-23 2015 - Hotel Schweizerhof

Lecture topics:

- Particle detectors (E.Koffeman - NIKHEF)
- LHC physics (A.de Roeck - CERN)
- Neutrinos (S.Schoenert - TU Munich)
- Cosmology and Astroparticle physics (M.Kunz - Uni Geneva)
- Flavour physics (J.Kamenik - Uni Ljubljana)
- *Discussion sessions with lecturers*

<http://cern.ch/chiochia/CHIPP2015>
Twitter: @CHIPPSchool

sc|nat
Swiss Academy of Sciences
Akademie der Naturwissenschaften
Accademia di scienze naturali
Académie des sciences naturelles

CHIPP
Swiss Institute of
Particle Physics

CAEN
Tools for Discovery
Electronic Instrumentation

Participants



- 18 students, 5 lecturers, 1 secretary + VC
 - EPFL 5, Bern 3, ETH 3, UZH 3, Basel 2, Geneva 2
 - Rather uniform participation from Swiss geographic areas
- Men 13, Women 5
- Very positive feedback from students during the school, see next slide for concrete proposals

V.Chiochia (UZH) 6/3/2015

Suggestion for future schools

- Keep covering all research areas of CHIPP
- Make the school attractive to students in both theory and experiments by selecting an appropriate mix of lecturers
- Consider including a topical seminar in the program on a “hot research topic” and HEP applications (e.g. medical physics)
- Short presentations help students describing their work to non experts, develop opinions and a broader perspective
- Introduce frequent breaks for questions and discussions. Dedicated and informal discussion sessions at the end of the day
- Sponsors provide funds and material for the registration package.
- Keep it up!

V.Chiochia (UZH) 6/3/2015

Agenda item 12: CHIPP Prize 2015: announcement

Presentation for information

- ▶ Adrian Signer

CHIPP Prize 2015

- for the best PhD student in experimental or theoretical particle physics who has not yet submitted the thesis by the deadline
- Prize amount 3000 CHF, ceremony & talk at Plenary meeting
- Advertisement sent out on 2 February 2015
- Deadline for applications: **31 March 2015**
- ➔ **Please encourage applications from your best PhD students!**
- Selection committee and procedure unchanged for 2015, but elections and changes will be proposed at Board 2015-03.

Agenda item 13: SWHEPPS 2016: Strategy Workshop on High-Energy Particle Physics in Switzerland

Presentation for information (R.Wallny, G. Iacobucci)

- ▶ After the successful strategy workshop on astro-particle and neutrino physics (SWAPS 2014), the EB proposes to have a similar 3-day workshop on High-Energy Particle Physics in 2016 with the following topics:
 - Higgs Boson
 - Standard Model (SM)
 - Beyond SM and Dark Matter
 - Flavour Physics
 - New accelerators & detectors
 - Theory developments
 - Connection to other fields:
 - astroparticles
 - neutrinos
 - low energy precision frontier
- ▶ Request for funding will be submitted to SCNAT in Summer
 - ▶ SCNAT promised to support it
- ▶ In the process of completing the organization committee:
 - ▶ one member from LHCb and Theory community to be added
- ▶ Time and Place:
 - ▶ German-speaking part of Switzerland, 1-2 Quarter 2016 (Feb ? June ?)
[Feusisberg](#), [Aegerisee](#), [Schloss Wartegg](#)TBD.

Agenda item 14: CHIPP EB in 2016: call for candidates

- The CHIPP Executive Board (EB) has now the following members:
 - Olivier Schneider (Chair) (until Dec 2015, 2nd term)
 - Teresa Montaruli (until Dec 2016, 2nd term)
 - Rainer Wallny (until Dec 2015, 1st term)
 - Adrian Signer (until Dec 2016, 1st term)
- The Chair wishes to step down at the end of his mandate.
- Rainer Wallny is ready to serve for a 2nd term as EB member.
- The Board will soon receive a call for nominations.
- (Re-)elections of 2 EB members for the period 2016–2017 will take place at the Board 2015-02 in June.

Agenda item 15: ECFA representatives in 2016: call for candidates

- The European Committee for Future Accelerators (ECFA) has now the following CHIPP members in the Plenary ECFA:
 - Lenny Rivkin (also in Restricted ECFA) (until Dec 2015, 1st term)
 - Terence Garvey (until Dec 2015, 2nd term)
 - Olaf Steinkamp (until Dec 2015, 1st term)
 - Sigve Haug (until Dec 2016, 1st term)
- Terence Garvey cannot be reelected for a 3rd 3-year term.
- Lenny Rivkin (R-ECFA) and Olaf Steinkamp (P-ECFA) are both ready to serve for a 2nd 3-year mandate.
- CHIPP members will soon receive a call for nominations.
- Elections will take place at the next Plenary upon recommendation by the Board.

Agenda item 16: Status of new professorships

New professorships at CHIPP institutes

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

Agenda item 17: Next CHIPP Board & Plenary meetings

Please book the dates in your diary!

Board 2015–02, Château de Bossey:

➔ **Mon 29 June, 10:30, and Tue June 30, 17:30**

Plenary 2015, Château de Bossey:

➔ **Mon 29 June, 14:00 – Wed July 1, 16:00 (formal: July 1, 9:00)**

Board 2015–03, Bern:

➔ **Fri 23 October, 13:15**

Early warning/information (TBC)

Plenary 2016 + PhD-postdoc days (jointly with SPS):

➔ **proposal being discussed in SPS: last week of August, in Ticino**



Agenda item 18: A.O.B.

• ...