



CHIPP Board meeting

Welcome to the:

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

New Board members:

Bernhard Lauss

Andreas Crivellin

Agenda item 1: Agenda

- The final Agenda has been distributed on Friday 21 June 2019
- All documents have been made available on a confidential CHIPP internet page.

Agenda approved ?

DECISION ITEMS

- | | |
|--|-----------------|
| 4. Election and Election of Executive Board members
for approval | Proposal |
| 5. Election of the APPEC General Assembly scientific delegate
for approval | Proposal |
| 6. Re-election of the IPPOG representative
for approval | Proposal |
| 7. Re-election of the CSR representative
for approval | Proposal |
| 8. Nominations for admission of new honorary members
for recommendation to the Plenary | Proposal |
| 9. Nomination for re-election of a Swiss Plenary-ECFA representative
for recommendation to the Plenary | Proposal |

DISCUSSION ITEMS

- 10. European Strategy in Particle Physics** [TN]
for discussion
- 11. Swiss Roadmap Workshop 2020** [TN]
for discussion
- 12. SPS/CHIPP Round Table with Journalists, Physicists and ..** [TN]
for discussion
- 13. SPS membership for CHIPP members** [Andreas Schopper]
for discussion

INFORMATION ITEMS

- 14. SCNAT funding requests:**
 - Zuoz School 2020** [Adrian Signer]
 - DIALOG**
 - IPPOG membership**
 - Swiss Roadmap Workshop 2020**
 - MLHEP2020: Machine Learning in HEP Summer School 2020** [Lesya Shchutka]
- 15. AGORA (SNSF) funding of Outreach project** [Günther Dissertori]
- 16. Astroparticle Physics International Forum (APIF)**
- 17. New professorships at CHIPP institutes: report from each institute**
- 18. SPS/OPG joint annual meeting at the University of Zurich**
- 19. A.O.B.**

Agenda item 2: Proxy Votes

- The following Proxies have been designated:
 - Malte Hildebrandt (for *Stefan Ritt*)
 - Bernhard Lauss (for *Adrian Signer*)
 - Gino Isidori (for *Thomas Gehrmann*)
 - Klaus Kirch (for *Michael Spira*)
 - Lenny Rivkin (for *Laura Baudis*)
 - Günther Dissertori (for *Florencia Canelli*)
 - Michele Weber (for *Igor Kreslo*)
 - Saverio Braccini (for *Antonio Ereditato*)
 - Christoph Grab (for *Ben Kilminster*)
 - Aurelio Bay (for *Riccardo Rattazzi*)

Agenda item 2: Apologies & Quorum

- The following apologies have been received:
B. Krusche, G.Colangelo, M. Bourquin, T. Montaruli, H.P. Beck,
P. Mermod, T. Werder
- Board members with voting rights: 64
- Quorum (1/3 of Board): 22 votes, reached ? $19+10=29$ **YES**
10 proxy

Agenda item 3: Minutes of the last meeting

- Final draft minutes of the CHIPP Board 2019-01 (26.02.2019) 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: Election of two Executive Board members for 2019–2020

- The CHIPP Executive Board (EB) has now the following members:
 - **Tatsuya Nakada** (EPFL), Chair, until **Dec 2019**
 - **Michele Weber** (Uni. Bern), until Dec 2020
 - **Gino Isidori** (Uni. Zurich), until Dec 2020
 - **Günther Dissertori** (ETHZ), until **Dec 2019**

The call for nominations resulted in two new candidates standing for election.

- **Anna Sfyrlla** and **Rainer Wallny** are ready to serve for a first and a second term respectively as EB member.

R. Wallny served as vice-Chair to Olivier Schneider from 2013-2015

Agenda item 4: Election of two Executive Board members for 2020–2021

The Board is invited

- **to elect Anna Sfyrlla** for a EB term
(Jan. 2020 – Dec. 2021)
- **to elect Rainer Wallny** for a EB term
(Jan. 2020 – Dec. 2021)

Base: Article 27, litt. e; simple majority

Agenda item 4: election of the Chairperson of the Executive Board for 2020–2021

Rainer Wallny and Michele Weber are ready to serve as Chair

The Board is invited

- **to elect R. Wallny or M. Weber** for a EB term as Chairperson
(Jan. 2020 – Dec. 2021)

Base: Article 27, litt. e; simple majority

Agenda item 5: Re-election of the APPEC General Assembly scientific delegate

- The election of the **APPEC General Assembly scientific delegate** belongs to the CHIPP Board.

The Board is invited

- **To elect Xin Wu** for a first term (August 2019 – Dec. 2021) as APPEC General Assembly scientific delegate.

Base: Article 19.3, litt. e; simple majority

Agenda item 6: Election of an International Particle Physics Outreach Group (IPPOG) Swiss representative

- The election of the Swiss representatives in the (IPPOG) belongs to the CHIPP Board.

The Board is invited

- **To re-elect Katharina Müller** (University of Zurich) for a 2nd term (Sep. 2019 – Sep. 2021) as IPPOG Swiss representative.

Base: Article 19.3, litt. e; simple majority

Agenda item 7:

Re-election of the observer in the Committee on Space Research (CSR)

- The election of the observer in the Committee on Space Research (CSR) belongs to the CHIPP Board.

The Board is invited

- **To re-elect Xin Wu** (University of Geneva) for 3rd term (Jan. 2020 – Dec. 2021) as CSR representative.

Base: Article 19.3, litt. e; simple majority

Agenda item 8: Nominations for admission of new honorary members

- Honorary Membership is open to CHIPP Members that have retired from their active professional life or have acquired the status of Professor emeritus.
- Honorary Members benefit from the same rights, except for voting right, and pay no membership fee.
- The admission of Honorary Members belongs to the CHIPP Plenary, based on a recommendation by the Board.
- There are two categories:
 - A: Honorary Board Member,
 - B: Honorary Plenary Member.

Agenda item 8:

Nominations for admission of new honorary members

- The following new requests have been received by the Chair:
Honorary **Board** Member:
 - **Prof. Lenny Rivkin** (PSI & EPFL)

The Board is invited

- **to confirm** that the applicant fulfil the requirements for being granted the status of Honorary Board Members by the end of 2019 according to the Statutes;
- **to submit to the Plenary** the proposals of Honorary Board Membership by the end of 2019 of the person listed above, thereby recommending their admission in this category.

Base: Article 27, litt. i; simple majority

Agenda item 9: Nominations for a Plenary ECFA representative

- The election of the Swiss representatives in the European Committee for Future Accelerators (ECFA) belongs to the CHIPP Plenary, based on a recommendation by the Board.
- The present Swiss representatives in ECFA are:
 - **Mike Siedel** (PSI), Restricted ECFA and Plenary ECFA member until Dec 2021, 1st term
 - **Frederic Blanc** (EPFL), Plenary ECFA member until Dec 2021, 1st term
 - **Domenico della Volpe** (Uni. GE), Plenary ECFA member until Dec 2019, 1st term
 - **Andreas Knecht** (PSI), Plenary ECFA member until Dec 2021, 2nd term

Agenda item 9: Elections of a Plenary- ECFA representative

Domenico della Volpe (Uni. GE) is willing to serve for a second term.

The Board is invited

to submit to the Plenary the proposals of:

- the re-election of **Domenico della Volpe** (Uni. GE), Plenary ECFA for a 2nd three-year term (Jan. 2020 – Dec. 2022)

EB report

- **Swiss CERN Users**
- **CTA funding issues**
- **SERI & Neutrino**

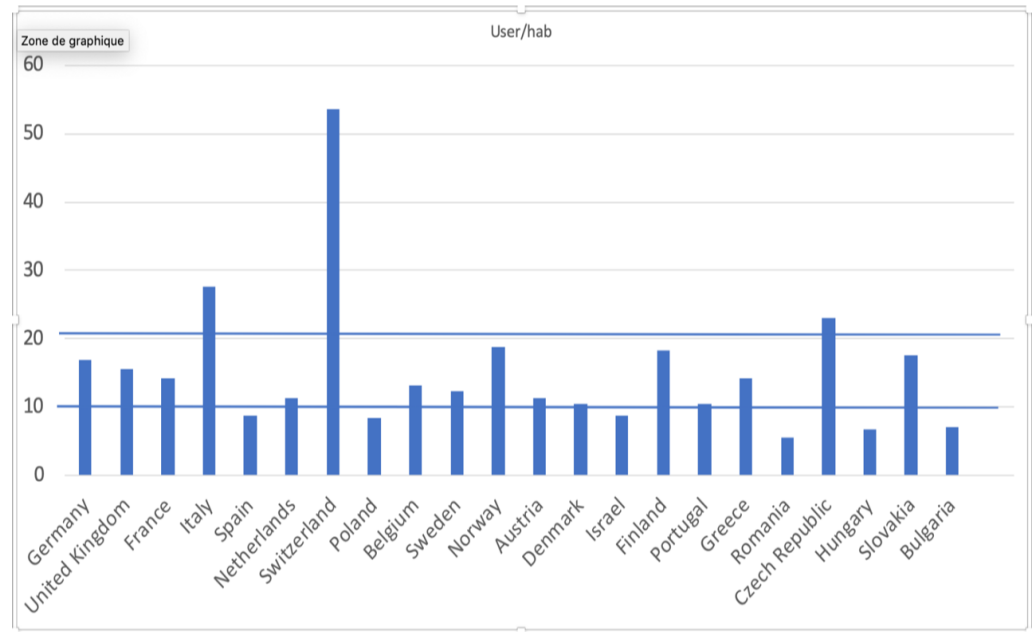
Compliments to:

- **F. Sanchez- co-spoke-person T2k**
- **T. Montaruli – APPEC Chair**

Swiss CERN Users

Email from Gunther: in the context of this Council week and the preparatory meeting with SERI, our SERI colleagues have decided to make a request to CERN management to clarify these issues with the CH user numbers and to propose a consolidated and well understood statistics.

The plot below had been brought to Gunther Dissertori attention by the Council President.



2019 CHIPP PRIZE

The 2019 CHIPP Prize winner will be announced
at the Plenary meeting tomorrow

Talk at the SPS/OPG joint Annual meeting in Zurich:
Thursday 29 August 14h

Agenda item 10: European Strategy in Particle Physics

Agenda item 11: Swiss Roadmap Workshop 2020

Purpose: In order to update the current Swiss Roadmap from 2004, after the ESPPU process has been concluded, to agree on the contents and framework for the actual writing.

Who: CHIPP members

When: 25-26 June 2020

Where: Kandersteg

Prize: ~280 CHF

Agenda item 12: SPS/CHIPP Round Table with Journalists, physicists and .. Politicians ? Web Influencers?

....

Date:

Where:

At the SPS/CHIPP Joint Annual meeting 2020

Agenda item 13: SPS membership for CHIPP members

Andreas Schopper

Agenda item 14: **SCNAT funding requests**

Presentation for information

We submitted the requests for funding the 20 August:

- **Zuoz School 2020** requested: 10000 CHF
- **IPPOG membership** requested 3000 euro
- **Dialog with society** requested 10000 CHF
- **Swiss Roadmap Workshop 2020** requested ? 5000 CHF
- **MLHEP 2020: Machine Learning in HEP** requested XXXX

Agenda item 15: AGORA (SNSF) funding of Outreach project

Günther Dissertori

Agenda item 16: Astroparticle Physics International Forum (APIF)

Tatsuya Nakada

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:

SPS/OPG joint annual meeting 2019

Tatsuya Nakada



Universität
Zürich

Sessions

- Applied Physics and Plasma Physics
- Atomic Physics & Quantum Optics
- Biophysics, Medical Physics and Soft Matter
- Condensed Matter Physics
- Earth, Atmosphere and Environmental Physics
- History and Philosophy of Physics
- MaNEP: Correlations and topology in quantum matter *
- Nuclear, Particle- & Astrophysics
- Quantum and Artificial Intelligence: New Jobs for Physicists in Emergent Industries
- Quantum Beam Science: bio, materials and fundamental physics with neutrons and X-rays ***
- Quantum Science and Technology **
- Skyrmions in magnetic materials *
- Surfaces, Interfaces and Thin Films
- Poster Session

* organized in collaboration with Association MaNEP, ** organized in collaboration with NCCR QSIT, *** organized in collaboration with the Swiss Society for Neutron Science (SGN)

Pre-Conference Workshops

- Machine Learning for Experimental Quantum Physics
- Programming a Quantum Computer with Examples in Quantum Machine Learning

Plenary Speakers

- **Claudia Draxl, Humboldt-Universität Berlin:**
Artificial intelligence in materials science - hype or revolution?
- **Anna Fontcuberta i Morral, EPFL:**
Compound semiconductor nanowires synthesis and sustainability aspects
- **Edda Gschwendtner, CERN**
First electron acceleration in AWAKE, the proton driven plasma wake-field acceleration experiment
- **Ravid Helled, Universität Zürich**
Understanding Giant Planets
- **Patrick Maletinsky, Universität Basel**
Probing nanoscale magnetism using single spin magnetometry
- **Greta R. Patzke, Universität Zürich**
Economic Materials Design for Clean Energy
- **Olaf Reimer, Universität Innsbruck**
Galactic High-Energy Particle Accelerators
- **Helke Riel, IBM Rüschlikon**
The Future of Computing
- **Monika Ritsch-Marte, Medizinische Universität Innsbruck**
Synthetic holography with spatial light modulators for biophotonics applications

Public Lecture

- **Rainer Blatt, Universität Innsbruck**
The Quantum Way of Doing Computations (New Technologies for the Information Age)

Additional Events

- General Assemblies and Award Ceremony
- Scientific Equipment and Book Exhibition
- Conference Dinner

ABSTRACT SUBMISSION
30 APRIL 2019

DEADLINES

REGISTRATION & PAYMENT
1 AUGUST 2019

More information: www.sps.ch

Next CHIPP Board & Plenary meetings

Please book the dates in your diary!

SPS/OPG Joint annual meeting → 26-30 August 2019

CERN Open Days → 14-15 September 2019

Podium talks / experts (THANK YOU !!)

Joint Seminar APPEC-ECFA- NUPPEC → 14-16 Oct. 2019, Paris

Board meeting → **17 October 2019 (13h15) SCNAT, Bern**

PSI 2019 → 21-25 October 2019

+ Satellite Workshop 25-26 October 2019

National Media Visit → 23-24 January 2020

RoadMap Workshop 2020 → 25-26 June 2020

Plenary 2020 with SPS

CERN invites the public to explore the future at its Open Days

On 14 and 15 September, CERN will throw its doors open wide and invite the public to spend the weekend exploring science. The event will be a unique opportunity to discover the Laboratory's installations.

19 JUNE, 2019



Logo of the CERN Open Days 2019 (Image: CERN)

On 14 and 15 September, CERN will open its scientific facilities to the public from 9 a.m. to 6 p.m. Under the banner "Explore the future with us", everyone is invited to come along to the Open Days to live the CERN experience and meet the men and women working on the technologies and discoveries of today and tomorrow.



<https://www.espace-ballon.ch/exposition-temporaire>

October 21 - 25, 2019

Physics of Fundamental Symmetries and Interactions at the Paul Scherrer Institute

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

supported by

- 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

Organizing Committee:

Klaus Kirch
Bernhard Lauss
Stefan Ritt
Adrian Signer

Follows PSI2013 and PSI2016, expect 150 participants, all talks plenary, poster session

+ **Satellite Workshop on Oct. 25-26, 2019**

Synergies between muon capture and neutrino scattering - axial proton radius and neutrino-nucleon scattering *program coordinators: Peter Kammel, Federico Sanchez*

Just happened ..

Perspective Day on Space Science and Exploration

Symposium celebrating 50 years moon landing

2019
Jun
28
10:00 - 16:30

Venue
University of Bern
Main building
Hochschulstrasse 6
3012 Bern





Image: Uni. Bern
addressing them?

Speakers:

- **Xavier Barcons**, ESO Director General
- **Ewine van Dishoeck**, President of the IAU
- **Eckhard Elsen**, Director for Research and Computing at CERN
- **Pascale Ehrenfreund**, Chair of the DLR Executive Board
- **Günther Hasinger**, ESA Director of Science
- **Thomas Zurbuchen**, Associate Administrator for the Science Mission Directorate of NASA
- **Brian Schmidt**, Nobel Laureate, Australian National University

📍 Please register! (limited places)

The Event is targeted at young scientists from Swiss universities as well as from other research institutions. It is also open to an interested public. The key focus of the event is on space exploration, science and the grand challenges of the future.

The Event is a part of 📍 Bern im All – We celebrate 50 years moon landing"

Now in Lausanne ...



**World Conference
of Science Journalists**
Lausanne 2019

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11th World Conference of Science Journalists - Lausanne 1-5 July 2019
REACHING NEW HEIGHTS IN SCIENCE JOURNALISM

UNTIL 24 JUNE ONLY: LIMITED NUMBER OF DAY-TICKETS
We are releasing a limited number of day-tickets to attend the conference on any day (1, 2, 3 and 4 July) and to choose one field trip on Friday 5 July at the price of 150 CHF/(1 day + Field trip). These tickets are distributed on a first-come first-served basis. Interested? Write to cdh@wcsj2019.eu

LOOK AT THE LIST OF SPEAKERS
FOUCART McGOWAN VETTERLI FENOGGIO ZIMMER IWALA

THE PROGRAMME IS ONLINE

01 02 03 04 05
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11 reasons why
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Agenda item 22: A.O.B.

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