

Closure of the 2016 Accounts: Annual Report 2016 and Annual Accounts 2016

Introduction

CHIPP, as an association, is obliged by Swiss law to establish annual accounts and to audit them. As the annual accounts are linked to the CHIPP activities, it is common practice to present the annual report and the annual accounts under the same item.

Annual Report 2016

CHIPP as a member of SCNAT has to submit an Annual Report to its mother organisation, structured according to SCNAT guidelines and rules. The report (attached) covers the CHIPP publications, the CHIPP (supported) events and meetings, the scientific and institutional international collaboration, the promotion of the next generation, the support and coordination tasks and outreach activities.

Annual Accounts 2016

CHIPP has a unique account (attached) for all its activities. The main points are quickly summarised below and a comparison with the budget is also attached for the sake of clarity. The salary of the CHIPP Administrator administrated by the UZH has increased in 2016 due to an additional 0.1 FTE for his membership in the European Particle Physics Coordination Network (EPPCN). This is covered by a dedicated contribution from SERI of 15 kCHF, plus 5 kCHF from CERN. The CHIPP membership fees (84'330 CHF) cover the rest of the administrator's salary (0.5 FTE), the SCNAT membership fees (3'234 CHF), the CHIPP Prize (3 kCHF) and administrative costs (1'047.90). The contribution of SCNAT (26 kCHF) cover the main costs of the SWHEPPS workshop (12 kCHF), Zuoz Summer School (8 kCHF) and 'Dialog' outreach activities (6 kCHF). The support to PSI 2016 (1.5 kCHF) and costs for the Plenary, Board and EB meetings (1'631.40 CHF) are the remaining expenses of the year. The total asset on 31 December 2016 is of 57'431.64 CHF, compared to 60'266.14 CHF at the end of 2015, corresponding to a loss of 2'834.50 CHF, which lower than last year (3'209.01 CHF) and is much lower than the budgeted deficit (13 kCHF). The transitory liabilities of 61'410 CHF are already received money for 2017 membership fees and the SERI contribution, as well as still-to-be-paid supports matching the SCNAT contribution to be received (26 kCHF), which is a transitory asset.

Auditor's Report

The two elected auditors, Ben Kilminster and Michele Weber, have performed the audit on 7 February 2017, meeting in Zurich with the accounting officer, Ms Monika Röllin (UZH), and the CHIPP Administrator, Marc Türler. No mistakes, errors or false entries have been found and the audit resulted in a positive recommendation to the Board. Their report is attached.

Proposal

The Board (applying Article 27 litt. u and litt. v) is invited

- **to approve** the Annual Report 2016 to be made publicly accessible on the CHIPP website;
- **to approve** the Annual Accounts, the Balance Sheet and the Profit and Loss Statement for the year 2016;
- **to formally discharge** the CHIPP EB and the CHIPP Administration for the year 2016, expressing at the same time its thanks and appreciation for the careful accounting.

Required majority: simple

This report is to be delivered to SCNAT and is thus structured along the SCNAT guidelines.

SUMMARY

Highlights of the Year

CHIPP had a very intense year 2016 with a lot of activities. It started with hosting the [country visit of the Restricted European Committee for Future Accelerators \(RECFA\)](#) on 1st April 2016. Such a visit is organised every six to seven years in Switzerland, this time at ETH Zürich. It was the occasion to present all aspects of particle physics in our country for evaluation by RECFA. This was followed on 7–9 June 2016 by a [Strategy Workshop for High-Energy Particle Physics in Switzerland \(SWHEPPS 2016\)](#) held in Ägerisee (ZG) to discuss the status and future strategy of the CHIPP Pillar 1 on particle physics at the high-energy and intensity frontiers. In summer, the biennial [Zuoz Summer School](#) entitled “Exothiggs” was successfully held in the week before the [CHIPP Annual Plenary Meeting](#) organised this year in conjunction with the Annual Meeting of the Swiss Physical Society (SPS) on 23–25 August 2016 in Lugano (TI). A session was devoted to the **CHIPP PhD/Postdoc days**, offering an opportunity to the young generation of particle physicists to present their research work. The [CHIPP Prize 2016](#) for the best PhD student in particle physics was awarded on this occasion to *Mohamed Rameez* (Uni. Geneva) for his work on dark matter searches with the IceCube neutrino detector in Antarctica. The **CHIPP plenary** meeting was held on August 23rd with annual reports on CHIPP activities and on developments in international bodies dealing with particle, astroparticle and nuclear physics. Finally, on 16–20 October 2016, CHIPP supported the triennial [workshop on Physics, Symmetries and Interactions \(PSI 2016\)](#) held at the PSI.

The **CHIPP Board** was very active in the preparation of a coherent set of requests for the funding of large research infrastructures via the **FLARE programme** of the Swiss National Science Foundation (SNSF) for the next two to four years. It also approved the signature for the Memorandum of Understanding with the **International Particle Physics Outreach Group (IPPOG)**, thus making Switzerland a founding member of this organisation devoted to education and outreach. The **CHIPP outreach** activities evolved in 2016 with the porting of the multi-lingual “[particlephysics.ch](#)” to a new thematic portal hosted on the SCNAT website. Thanks to the SCNAT support, CHIPP could continue to keep this as a lively page with the addition of 14 interviews or other news articles in 2016. Another outreach activity was the screening of the movie “**Particle Fever**” (USA, 2013) in Lugano on 22 August 2016. The link with the Swiss media was also restored in 2016 with a new Swiss member in the **European Particle Physics Communication Network (EPPCN)**. A concrete outcome is the start of a list on the [media coverage of particle physics in Switzerland](#).

SECTORS OF COMPETENCE: NETWORKING AND DEVELOPMENT OF SCIENCE

Publications

A still incomplete summary of the Strategy Workshop for High-Energy Particle Physics in Switzerland (SWHEPPS 2016) has been written and presented in October 2016 at the Board meeting. This is however not an official document, but shall serve as basis to the preparation in 2017 of a strategic document on particle physics at the high-energy and intensity frontiers, referred to as the CHIPP Pillar 1 White Paper.

Meetings, Workshops and Schools

CHIPP continued to work on its networking and educational goals and organised directly or through its members also in 2016 several meetings, schools and workshops:

- The annual [Zurich Phenomenology Workshop \(ZPW 2016\)](#) was devoted in 2016 to “Higgs physics at the LHC”. Sponsored by the Pauli Center for Theoretical Studies, this forum for particle physics researchers was held at the ETH Zürich on 6–8 January 2016.
- The [RECFA country visit](#) held on 1st April 2016 at ETH Zürich was the occasion for CHIPP to present all aspects of particle physics in Switzerland for evaluation and feedback by the Restricted European Committee for Future Accelerators (RECFA).
- The [Strategy Workshop for High-Energy Particle Physics in Switzerland \(SWHEPPS 2016\)](#) was held on 7–9 June 2016 in Ägerisee (ZG). It gathered 71 participants with the aim to discuss the status and future objectives in particle physics at the high-energy and intensity frontiers.
- The [Zuoz Summer School 2016](#) was entitled “Exothiggs” – in reference to the Higgs boson – and welcomed 82 participants at the Lyceum Alpinum of Zuoz (GR) the week of 14–20 August 2016. This 23rd PSI Summer School was also an official event of ‘Higgstools’, a EU Initial Training Network.
- The [CHIPP Annual Plenary](#) is the yearly gathering of the Swiss particle physics community. It was held on 23–25 August 2016 in Lugano (TI) in conjunction with the annual meeting of the Swiss Physical Society (SPS). The SPS TASK session was devoted to the CHIPP PhD/Postdoc days, where 42 talks and 18 posters have been presented.
- The [workshop on Physics, Symmetries and Interactions \(PSI 2016\)](#) was held on 16–20 October 2016 at the PSI and welcomed 172 participants from many countries all over the world.
- The [PhD seminar 2016](#) for particle physics PhD students in the Zurich area (PSI, UZH and ETHZ) took place this year on 24–25 November 2016 at ETH Zürich.

INTERNATIONAL ACTIVITIES

Scientific cooperation

Particle and astroparticle physics is compelled to extensive transnational and international cooperation, as the research projects in this domain are mostly large undertakings, representing an important intellectual and technological challenge and requiring a large amount of human and financial resources. Research in this field usually involves large infrastructures, which again are the result of national, regional and worldwide collaborations. The table below shows a snapshot of the current experimental collaborations involving CHIPP members.

Further, smaller cooperation projects exist; many of them occur naturally – between groups working in the same field or requiring the same type of infrastructure – or are coordinated bottom-up by CHIPP. Such collaborations may be carried out at an informal level and are sometimes not even noted at the level of the home institution.

Project	Swiss institutes	CHIPP Board Members	Institutes worldwide
High-Energy particle physics			
ATLAS	Bern, Geneva	Beck, Ereditato, Golling, Iacobucci, Mermod, Nessi, Sfyrta, Weber, Wu	180
CMS	ETHZ, PSI, Zurich	Canelli, Dissertori, Grab, Horisberger, Kilminster, Pauss, Wallny	194
LHCb	EPFL, Zurich	Bay, Nakada, Schneider, Serra, Straumann	69
LHC Tier-2	ETHZ, CSCS	Grab	> 200
HL-LHC	EPFL	Rivkin	55
CLIC	ETHZ, PSI	Rivkin	70
FCC	Bern, EPFL, Geneva, PSI	Blondel, Ereditato, Iacobucci, Rivkin	75
Astroparticle physics			
AMS	Geneva	Pohl, Wu	33
ArDM	Zurich	Rubbia	7
CTA	ETHZ, Geneva, Zurich	Biland, Courvoisier, Montaruli, Neronov, Straumann, Canelli	220
DAMIC	Zurich	Kilminster	10
DARWIN	Bern, Zurich	Baudis, Schumann	25
IceCube	Geneva	Montaruli	48
MAGIC+FACT	ETHZ, Geneva	Biland, Neronov, Pauss	25
XENON	Bern, Zurich	Baudis, Schumann	21
Neutrino physics			
GERDA	Zurich	Baudis	17
MICE	Geneva	Blondel	21
NA61 / T2K / HyperK	Bern, ETHZ, Geneva	Blondel, Ereditato, Rubbia	54
SBN (MicroBooNE)	Bern	Ereditato, Weber	30
SHiP	EPFL, Geneva, Zurich	Bay, Blondel, Kilminster, Mermod, Serra, Shaposhnikov	45
WA105 + DUNE	Bern, ETHZ, Geneva	Blondel, Rubbia, Weber	43
High-precision and muon physics			
CREMA	ETHZ, PSI	Hildebrandt, Kirch	9
GBAR	ETHZ	Rubbia	14
MEG II	PSI	Hildebrandt, Ritt	12
Mu3e	ETHZ, Geneva, PSI, Zurich	Blondel, Dissertori, Grab, Hildebrandt, Ritt, Straumann, Wallny	8
nEDM	ETHZ, Fribourg, PSI	Kirch, Weis	15

In parallel to these experimental collaborations and projects, Swiss theorists are involved in numerous international collaborations. The following list shows the largest and most important ones, in which Swiss theory institutes are key players:

- The [LHC Higgs cross-section working group \(LHCHXSWG\)](#) was created in 2010 to produce agreements on cross sections, branching ratios and pseudo-observables relevant to the Higgs boson(s);
- The Workshop Series “[Physics at TeV Colliders](#)” are meetings held at Les Houches (France) every second year since 1999.

In addition, University of Zurich, ETHZ and PSI participate in '[HiggsTools](#)' (2014–2017), an FP7 Initial Training Network of the European Commission, whereas the University of Bern is coordinating the activity of the [Flavour Lattice Averaging Group \(FLAG\)](#) (since 2011).

Institutional collaboration

Several CHIPP members are acting as official delegates to international organisations in 2016:

- *Olivier Schneider* (EPFL) is the Swiss scientific delegate to the CERN Council since 2013 on mandate of the State Secretariat for Education, Research and Innovation (SERI).
- *Ulrich Straumann* (Uni. of Zurich) is mandated since 2010 by the "Round Table International" to represent the Swiss participants in the Resources Board of the Cherenkov Telescope Array (CTA) project.
- *Teresa Montaruli* (Uni. of Geneva) is the Swiss scientific delegate to the General Assembly of the Astroparticle Physics European Consortium (APPEC) since 2013.
- *Bernd Krusche* (Uni. of Basel) continued his longstanding mandate as Swiss representative in the Nuclear Physics European Collaboration Committee (NuPECC).
- *Michael Dittmar* (ETHZ) is the Swiss representative in the Advisory Committee of CERN Users (ACCU) since 2015.
- *Leonid Rivkin* (EPFL and PSI) is mandated by the CHIPP Plenary to represent the Swiss particle physics community in the Restricted ECFA (European Committee for Future Accelerators) from 2013 to 2018. In the Plenary ECFA, he is supported by *Olaf Steinkamp* (Uni. of Zurich, since 2013), *Sigve Haug* (Uni. of Bern, since 2014), and *Andreas Knecht* (PSI, since 2016).
- *Florencia Canelli* (Uni. of Zurich) is, since Nov. 2014, a member of commission C11 of the International Union of Pure and Applied Physics (IUPAP) on particles and fields.
- *Hans Peter Beck* (Uni. of Bern) is the Swiss representative (since 2009) and the co-Chair (since 2013) of the International Particle Physics Outreach Group (IPPOG).
- *Antonio Ereditato* (Uni. of Bern) is the ad interim contact for the Swiss funding agencies (SERI & SNSF) for Swiss participation in the neutrino programme at Fermilab, USA.
- *Marc Türlér* (Uni. of Zurich) is, since 2016, the Swiss member of the European Particle Physics Communication Network (EPPCN).

COORDINATIVE TASKS

Promotion of the next generation

CHIPP members and CHIPP institutes continued their efforts to inform the public at large about particle and astroparticle physics and to attract young women and men to this field of research. Throughout Switzerland, more than 50 educational events like information days for BSc and MSc students, for pupils finishing high school and for high-school classes were organised involving more than 3000 young students. One should mention specifically the participation of more than 180 Swiss high-school pupils (at the Universities of Bern, Geneva, Zurich and the ETHZ) in the frame of the [International Masterclasses 'Hands on Particle Physics'](#), where over 13'000 Gymnasium level students in about 200 institutes in 52 countries actually work with real data from the CERN Large Hadron Collider (LHC). A few events for physics teachers have been organised: two at the ETHZ and three at the University of Geneva.

Each institute has its own programme towards young students and often organises special events. This year one should mention in particular the following activities. The University of Basel organised an event in Gelterkinden (BL) entitled '[Quanten und Nanowelten](#)' on 21 May 2016 including experiments, short presentations, etc., both for adults and children. In Bern, there has been among other visits two '**Freshers Days**' with a total of about 150 gymnasia pupils guided through the physics department and also the exhibition of a spark chamber at a Gymnasium. The **EPFL Open Days** on 5–6 November 2016 welcomed about 35'000 persons in total, but obviously not all to the activities proposed by particle physicists. Those were games where children collide beads against a hidden

target to guess its shape; a cosmic ray tracker built for the occasion with 10 planes of 32 scintillating bars each with a display of the events on screen; a series of posters and explanations on cosmic rays, dark matter, CERN, etc., as well as a live display of LHCb events on a big screen. The ETHZ reached out to about 10 secondary schools with '[ETH-unterwegs](#)' proposing event days for students including hands-on experiments. In Geneva, the '[Physiscope](#)' demonstrations were presented 344 times reaching 5952 kids! The physics department also participated to the biennial '[Nuit de la Science](#)' (~25'000 visitors) held in Geneva on 9–10 July 2016 and prepared the exhibition on cosmic ray experiments to which it participates, namely AMS, POLAR and DAMPE. Entitled '[L'UNIGE dans l'espace... à la chasse des astroparticules](#)' it was exposed from 18 August to 30 September 2016. Particle physicists at PSI are routinely guiding visitors (~1000 per year) through the facilities and a science exhibition in the frame of the PSI-Forum. School classes are also coming with their teachers to visit the PSI school laboratory '[iLab](#)'. Last but not least, the Physics Institute of the University of Zürich organised the [International Physics Olympiad 2016](#) on 11–17 July 2016. This event welcomed roughly 400 secondary school students between 14 and 19 years old from 86 different countries tested on their ability to tackle both theoretical and experimental physics problem.

About 50 visits to CERN were organised, not only for university students in physics and other disciplines, but also for children, high-school pupils, alumni, members of societies, the media, and the public at large. Many institutes also participated to the open day for children towards their professional orientation ('Nationaler Zukunftstag'). CHIPP Board Members gave about 60 outreach talks on particle physics for high-school students, societies and the general public.

The [CHIPP Prize 2016](#) for the best PhD student in particle physics was awarded to *Mohamed Rameez* (University of Geneva). The laudatio says: "For his leadership in the searches for dark matter annihilation in the sun with the IceCube Neutrino Observatory and his contribution to their theoretical interpretation". He presented his thesis work at the CHIPP Plenary and received the diploma and the prize money (3000 CHF).

Information and coordination tasks supporting research and science

[CHIPP's website](#) contains news, documents, minutes of all meetings, as well as the complete membership database. The continuous dialogue between the institutes, which is enshrined in the [CHIPP Statutes and By-Laws](#), aims at having at hand in a timely and transparent manner the information about current and planned research activities. This information is collected annually in the so-called **CHIPP Long-term Financial Tables** and includes for each experiment or project the manpower involvement per institute and the attributed funds for past and current years, as well as projections and needs for the future years. Reformatted in 2015 for an easier edition by the individual project leaders, the tables have been updated again in 2016. It was very useful to have the overall picture with the projection until 2020, especially for the projects intending to request money allocated by SNSF for Funding LArge international REsearch (FLARE) facilities. The process of self-evaluation and self-moderation of ambitions within CHIPP via discussions at the Board meetings reached its objective by having CHIPP projects submitted by 15 November 2016 to be below the total FLARE funding envelop in the period 2017–2020. It is worth noting here that the former steering committee – the so-called **Lenkungsausschuss FLARE** (LA FLARE) – for defining FLARE priorities in the astrophysics and particle physics communities was discontinued this year and is replaced by a short prioritisation talk at the FLARE Panel meeting to be held on 19–20 January 2017.

As in previous years, CHIPP took an active role in the biannual meetings of SCNAT's **Round Table International**. This information forum on the participation of Swiss groups in international research facilities comprises also representatives of the SERI, SNSF, and 'Swissuniversities'. With the widening of its scope to other fields of natural sciences than only astronomy and particle physics and it is now officially called Round Table International Organisations and Research Infrastructures (RoTIORI).

Since an agreement in November 2013, *Teresa Montaruli* (Uni. of Geneva) acts as the CHIPP observer in the **College of Helvetic Astronomy ProfessorS** (CHAPS), while *Xin Wu* (Uni. of Geneva)

is since March 2015, the CHIPP observer in the SCNAT **Commission for Space Research** (CSR). CHIPP also maintained its links with the **Swiss Physical Society** (SPS) with *Hans Peter Beck* (Uni of Bern) who was in 2016 in the SPS Committee as representative of the TASK (“Teilchen-, ASTro- und Kernphysik”) section.

Dialogue with society

The porting of the multi-lingual CHIPP outreach website ([‘particlephysics.ch’](http://particlephysics.ch)) to a new **SCNAT thematic portal on particle physics** was an important development in 2016. The SCNAT offers a firm place with increased visibility among the other fields of science for the material prepared in the frame of the SERI project ‘Verflixtes Higgs’ in 2012–2013, and the follow-up SNSF-supported Agora project ‘Interactions’ (Feb. 2013 to Jan. 2015). The site was kept lively throughout 2016 with the addition of 14 interviews and other news articles. As approved by the CHIPP Board, the articles are authored by *Benedikt Vogel*, a science journalist collaborating with CHIPP since many years, while *Hans Peter Beck* is responsible for their scientific content and *Marc Türler* publishes them on the SCNAT portal both in German and English. CHIPP is grateful to SCNAT for supporting this activity as an important dialogue with the society.

After having screened **the movie “Particle Fever”** (USA, 2013) at Open Air cinemas in 2015 in Lucerne, Aarau and Sion, the last screening was organised this year in Lugano on 22 August 2016. The idea was to reach also the Italian-speaking part of Switzerland at the occasion of the SPS/CHIPP Annual Meeting with success.

An important development was the signature on 4 November 2016 for the Memorandum of Understanding with the **International Particle Physics Outreach Group (IPPOG)**, which officially established itself on 19 December 2016 as a new formal international collaboration (see [CERN Courier March 2017 p5](#)). With CHIPP’s signature, Switzerland becomes a founding member of this organisation devoted to education and outreach. Support from SCNAT was gratefully attributed to cover the annual membership fee.

With *Marc Türler* as new Swiss member in the **European Particle Physics Communication Network (EPPCN)**, CHIPP has now again a link between the CERN press office and the Swiss media, as well as with the communication offices of the institutes related to CHIPP. The contact has been established and a measure of the [media coverage of particle physics in Switzerland](#) is provided on-line.

In addition to the various events, exhibitions, and visits at CERN and PSI, as well as the outreach talks already mentioned in the section on the promotion of the next generation, about 5 interviews were given for the TV, radio or journals. Around ten articles were also written for the CERN Courier and other magazines, newspapers and newsletters.

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CHIPP Jahresrechnung 2016 / CHIPP annual financial statement 2016

Bilanz/Balance sheet

	31.12.16	31.12.15
AKTIVA / ASSETS	CHF	CHF
Post / Postbank	92'841.64	84'636.14
Forderungen / Accounts receivable	0.00	0.00
Transitorische Aktive (TA)	<u>26'000.00</u>	<u>10'000.00</u>
Total Aktiva / Assets	118'841.64	94'636.14
PASSIVA / LIABILITIES		
Verbindlichkeiten / Accounts payable	0.00	0.00
Transitorische Passive (TP)	61'410.00	34'370.00
Vermögen/Assets	<u>57'431.64</u>	<u>60'266.14</u>
Total Passiva / Liabilities	118'841.64	94'636.14

Vermögensveränderung per 31.12.2016

Change in net assets by 31.12.2016

Vermögen am 31.12.2015	60'266.14
Assets at 31.12.2015	60'266.14
Vermögen am 31.12.2016	<u>57'431.64</u>
Assets at 31.12.2016	<u>57'431.64</u>
Vermögensabnahme 2016	
Decrease in assets 2016	<u><u>-2'834.50</u></u>

Erfolgsrechnung / P/L statement

	31.12.16
AUFWAND / EXPENDITURE	CHF
Öffentlichkeitsarbeit / Outreach & Communication	6'115.90
Schulen / Schools	10'000.00
Konferenzen & Workshops / Conferences & Workshops	20'633.30
Mitgliederbeiträge / Membership fees	3'234.00
Preisgeld / Prize money	3'000.00
Plenarversammlung /Plenary meeting	861.45
Board-Sitzungen / Board Meetings	526.75
Sitzungen EB / EB Meetings	243.20
Saläre Verwaltung durch UZH/salaries administrated by UZH	91'000.00
Verwaltungsaufwand / Administrative costs	1'047.90
Finanzaufwand / Financial Expenditure	<u>2.00</u>
Total Aufwände / Total Expenditure	136'664.50

ERTRAG / INCOME

Mitgliederbeiträge CHIPP / Membership fees CHIPP	84'330.00
Beiträge SCNAT / Contributions SCNAT	26'000.00
Beiträge SBFI / Contributions SERI	15'000.00
Sonstige Beiträge / other Contributions	8'500.00
Finanzertrag / Financial Income	<u>0.00</u>
Total Erträge / Total Income	133'830.00
Jahresergebnis/ Annual result: Verlust / Loss	-2'834.50

EXPENDITURE	Accounts	Budget	Accounts	Budget	Financial Plan		
	2015	(decision) 2016	(effective) 2016	(approved) 2017	(take note) 2018	2019	2020
Total expenses	101 313	141 000	137 215	138 500	151 500	139 500	151 500
Membership fees	3 136	3 500	3 234	6 500	6 500	6 500	6 500
Membership in SCNAT	3 136	3 500	3 234	3 500	3 500	3 500	3 500
Membership in IPPOG	0	0	0	3 000	3 000	3 000	3 000
Schools & Conferences	11 500	27 000	27 183	15 000	27 000	15 000	27 000
CHIPP PhD School (parts from SCNAT)	10 000			12 000		12 000	
PhD/PostDocs days		0	0		0		0
Zuoz (parts from SCNAT)		10 000	10 000		12 000		12 000
SWAPS / SWHEPPS (parts from SCNAT)		14 000	13 683		12 000		12 000
TEXAS Symposium 2015	1 500						
PSI 2016		1 500	1 500				
RECFA visit 2016		0	2 000				
unspecified	0	1 500	0	3 000	3 000	3 000	3 000
Communication & Outreach	3 658	26 000	25 116	31 000	31 000	31 000	31 000
EPPCN member (parts from SERI & CERN)	0	22 000	15 516	20 000	20 000	20 000	20 000
Dialogue (parts from SCNAT)	3 658	4 000	9 600	10 000	10 000	10 000	10 000
unspecified	0	0	0	1 000	1 000	1 000	1 000
CHIPP Prize	3 000	3 000	3 000	4 500	4 500	4 500	4 500
Prize money	3 000	3 000	3 000	3 000	3 000	3 000	3 000
travel expenses	0	0	0	1 500	1 500	1 500	1 500
CHIPP Meetings	1 743	2 000	1 631	2 000	2 000	2 000	2 000
CHIPP Board Meetings	567	700	527	700	700	700	700
CHIPP EB Meetings	189	300	243	300	300	300	300
CHIPP Plenary (invited speakers, Administrator, secretariat)	987	1 000	861	1 000	1 000	1 000	1 000
Operations	78 276	78 000	77 048	78 000	79 000	79 000	79 000
salary, social charges, pension fund	77 000	77 000	76 000	77 000	78 000	78 000	78 000
travel and other expenses	1 276	1 000	1 048	1 000	1 000	1 000	1 000
Miscellaneous	0	1 500	2	1 500	1 500	1 500	1 500

INCOME

Total income	98 104	128 000	134 380	125 000	137 000	127 000	137 000
contributions from CHIPP members	84 440	84 000	84 330	84 000	84 000	84 000	84 000
contribution from SCNAT	13 658	24 000	30 000	21 000	33 000	23 000	33 000
for CHIPP School	10 000			8 000		10 000	
for Zuoz		8 000	8 000		10 000		10 000
for Workshops (SWAPS / SWHEPPS)		12 000	12 000		10 000		10 000
for Outreach (MAP)	3 658	4 000	6 000	6 000	6 000	6 000	6 000
for Outreach (webportal, not MAP)	0	0	4 000	4 000	4 000	4 000	4 000
for IPPOG	0	0	0	3 000	3 000	3 000	3 000
contributions from CERN	0	5 000	5 000	5 000	5 000	5 000	5 000
for EPPCN	0	5 000	5 000	5 000	5 000	5 000	5 000
contributions from SERI	0	15 000	15 000	15 000	15 000	15 000	15 000
for EPPCN	0	15 000	15 000	15 000	15 000	15 000	15 000
miscellaneous	6	0	50	0	0	0	0

BALANCE

Balance	-3 209	-13 000	-2 835	-13 500	-14 500	-12 500	-14 500
Asset at start of the year	63 475	60 266	60 266	57 432	43 932	29 432	16 932

Comparison with accounts 2016:

4'000 CHF for outreach are here in income and expenses, but are not included in the CHIPP accounts, as the payment did not pass through CHIPP. On the other hand, the CHIPP accounts include 3'450 CHF of income and expenses related to the way the SWHEPPS 2016 invoice was paid. In consequence, the total income and expenses are higher by 550 CHF in this table than in the 2016 accounts, while the balance is the same.

CHIPP INDEPENDENT AUDITOR'S REPORT 2016

To the CHIPP Chair and the CHIPP Board Members

We have audited the annual accounts and the accompanying balance sheet of the CHIPP Association for the period from 1 January 2016 to 31 December 2016.

In our audit, we reviewed the correlation of the accounting entries with the available supporting documents (invoices, receipts, proofs) and with the extract of the CHIPP Postfinance account. The available fortune as shown on the latter is coherent to the total assets according to the Balance sheet.

The auditing of the Annual Accounts has shown that all accounting entries are in line with the final accounts and accompanied by a corresponding proof.

The Profit and Loss Statement for 2016 shows a loss of 2'834.50 CHF decreasing the assets on 31 December 2016 to 57'431.64 CHF.

In our opinion, the Financial Statement referred to above

- (1) presents fairly, in all material respects, the financial position of CHIPP as of 31 December 2016, the results of its operations and its cash flows for the year then ended;
- (2) has been prepared with great care by the accounting officer;
- (3) complies with relevant statutory requirements.

Therefore, we recommend to the CHIPP Board:

1. to approve the Annual Accounts, the Balance Sheet and the Profit and Loss Statement for the year 2016;
2. to formally discharge the CHIPP EB and the CHIPP Administration for the year 2016, expressing at the same time its thanks and appreciation for the careful accounting.

The auditors:



Prof. Michele Weber
University of Bern



Prof. Ben Kilminster
University of Zurich

Zurich, 7 February 2017