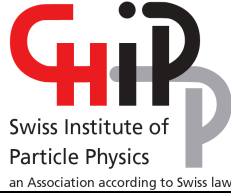




CHIPP board meeting
Oct 15 , 2020



Latest news from the CERN Council

Günther Dissertori
(ETH Zurich)

- ❑ The CH Delegation to CERN Council
- ❑ Recent elections/appointments
- ❑ Medium Term Plan 2021-2025

- ❑ For more details, see my recent Scientific Reports from the Council weeks
- ❑ Also: see the recent presentation by CERN management to the CERN personnel:
<https://indico.cern.ch/event/962228/>

☐ Delegation from Switzerland to CERN Council

- Dr. **Gregor Häfliger** (Vice Director SERI = State Secretariat for Education, Research & Innovation)
 - successor of Bruno Moor
- Dr. **Xavier Reymond** (SERI) – Deputy to G. Häfliger as head of the delegation
- Prof. **Günther Dissertori** (ETHZ)
 - also attending meetings of the Scientific Policy Committee



☐ Swiss members of Finance Committee:

- Mr **Laurent Salzarulo** (SERI = State Secretariat for Education, Research & Innovation)
 - **Now also Vice President of the Finance Committee!**
- Ms **Mélanie Golliard** (FFA = Federal Finance Administration)



☐ Advisors:

- Mr **Can Tutumlu** (FDFA = Federal Department of Foreign Affairs)
- Mr **Samir Yeddes** (« Swiss mission », FDFA)
 - also Swiss representative in CERN's Tripartite Employment Conditions Forum (TREF)



— CERN Director:

- Dr. **Fabiola Gianotti (IT)** elected by CERN Council for a second mandate (2021-2025)

— Scientific policy committee:

- Prof. **Lenny Rivkin (CH)** appointed as **chair** for a 1st one-year mandate starting on Jan 2020

— Finance committee:

- Mr **Umberto Dosselli (IT)** elected as **chair** for a 1st one-year mandate starting in Jan 2020
- Mr. **Laurent Salzarulo (CH, SERI)** elected as **vice-chair** for a 1st one-year mandate starting in Jan 2020



Main elections/appointments

During the Council Week in September 2020, the Director General Fabiola Gianotti has proposed the following organisational structure and management positions, for the term 2021-2025:

CERN Directorate:

- R. Bello (FR), as Director for Finance and Human Resources,
- M. Lamont (UK), as Director for Accelerators and Technology,
- J. Mnich (DE), as Director for Research and Computing,
- C. Warakulle (DK), as Director for International Relations.

CERN Department Heads:

- M. Capeans (ES), Site Management and Buildings department,
- K. Foraz (FR), Engineering department,
- B. Goddard (UK), Accelerator Systems department,
- G. Giudice (IT), Theoretical Physics department,
- J-M. Jiménez (ES), Technology department,



Main elections/appointments

CERN Department Heads (contd):


- R. Jones (UK), Beams department,
- J. Purvis (UK), Human Resources department,
- F. Sonnemann (DE), Finance and Administrative Processes department,

together with the following appointments ad interim, pending the appointment of their successors in early 2021:


- F. Hemmer (BE), Information Technology department,
- T. Lagrange (BE), Industry, Procurement and Knowledge Transfer department.

The choice of the Head of the EP department has not yet been finalised. Consultations with experienced particle physicists at CERN and in the broader European particle physics community are ongoing. As is the case today, preference will be given to a candidate from outside CERN, who would reflect the view of the users and their institutes. It is expected that the proposed EP Department Head will be submitted to the Council for appointment in December 2020.

During the Council Week in September 2020, Council approved the management's proposal for the next **Medium Term Plan 2021-2025**, as a first reaction to the updated European strategy for particle physics (ESPP).



Summary of first implementation of ESPP update



- ❑ Full exploitation of LHC physics potential → successful completion of the high-luminosity upgrade of accelerators and experiments → progressing well, according to (revised) schedule, 27.5 M allocated to cover slightly increased cost-to-completion
- ❑ e⁺e⁻ Higgs factory as the highest-priority next collider → support for FCC-ee and CLIC continues
- ❑ Increased R&D on accelerator technologies: high-field superconducting magnets, high-gradient accelerating structures, plasma wakefield, muon colliders, ERL, etc. → magnet programme significantly strengthened; effort started on muon colliders; etc.
- ❑ Investigation of the technical and financial feasibility of a future ≥ 100 TeV hadron collider at CERN, with e⁺e⁻ Higgs and electroweak factory as a possible first stage. → to be completed by next Strategy update (~ 2026) → resources secured for high-priority items
- ❑ Support to long-baseline neutrino projects in US and Japan → in particular, successful implementation of DUNE at LBNF → continued support to Neutrino Platform
- ❑ Support to high-impact scientific diversity programme complementary to high-E colliders (role of national labs emphasised, as well as participation in experiments outside Europe) → budget for Physics Beyond Colliders increased by ~ 3
- ❑ Theory, detector R&D, SW and computing → support continues, new initiatives launched

Slide by F. Gianotti



Site renovation and new buildings

Additional investment of 15 M/y in this year's MTP to renovate site and buildings

Building	Construction period	Site	Cost (MCHF)	Comments
777	2021-2026	Prévessin	41	Offices and labs for accelerator teams (~ 600 people)
140	2021-2026	Meyrin	50	Office and labs for EP Dept and users (~ 700 people)
CCP	2021-2022	Prévessin	22	New Computing Centre
Joint Learning Centre	2021-2025	Meyrin	9	Training centre for HR, HSE, IR
90	2025-2028	Meyrin	27	New main building
60	2027-2030	Meyrin	12	Refurbishment of the current main building



New B140 will allow dismantling of ~ 20 old buildings and barracks aged 30-65 years (→ energy savings: 760 MWh/year)



