

# Mimořádné setkání CZ-SK HEP komunity 2018:

## Aktualizace evropské strategie částicové fyziky

### Update to European Particle Physics Strategy

Organized by:

Palo Stríženec<sup>1</sup>, Michal Šumbera<sup>1</sup>, Marek Taševský<sup>2</sup>, Tomáš Davídek<sup>2</sup> a Rupert Leitner<sup>3</sup>

- 1) RECFA
- 2) ECFA
- 3) CERN Council

<https://indico.cern.ch/event/747246/>

# Background

## CERN activates clause in its constitution allowing it to coordinate European Particle Physics Activities

### **The European strategy for particle physics**

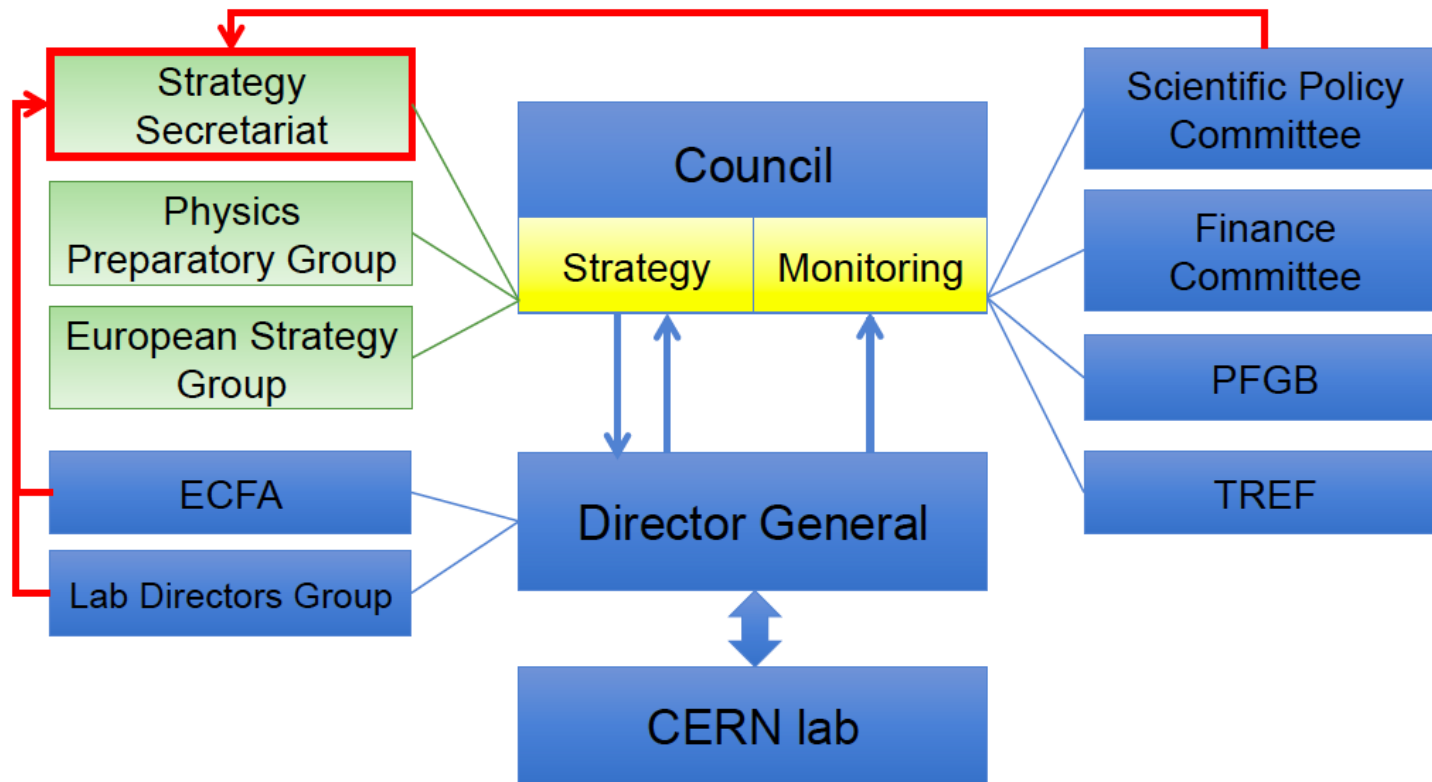
The CERN Council, in a special meeting held on 14th of July 2006 in Lisbon, agreed on the first European Strategy for Particle Physics. The following documents were produced at that time: [Strategy Statement](#), [Discussion Document](#) and [Brochure](#).

The Strategy adopted in 2006 was updated by the Council at its European Strategy Session in Brussels on 30 May 2013. The updated Strategy is defined by one preamble and 17 statements described in the [Strategy Statement paper](#) approved by the Council. The [Deliberation Paper](#) describes the rationale behind the Strategy Statements and some suggestions on organisational matters. On the same occasion, a [Brochure](#) was produced by the Communication Group explaining the social relevance of particle physics.

On 15 December 2016, the Council decided that May 2020 would be the optimum time frame for the approval of the next update of the European Strategy for Particle Physics, and on 27 September 2017 it appointed the Strategy Secretary, Professor H. Abramowicz, and established the Strategy Secretariat that will organise the update process.

<https://council.web.cern.ch/en/content/2006-2013>

# European Particle Physics organisation & governance



- The Strategy Update process follows a bottom-up approach
- To facilitate the bottom-up approach an Open Call for input reaching out to all members of the particle physics community is issued; including research groups, research networks or collaborations, laboratories, universities, (inter)national institutions and/or organisations.
- The aim is to gather all relevant input, e.g. on scientific projects, position papers, national roadmaps, etc.
- The concrete scientific input will be considered by the Physics Preparatory Group (PPG) towards the organisation of the Open Symposium and to deliver the Physics Briefing Book.
- Other inputs will be considered by the European Strategy Group (ESG) to draft the Strategy Update.

# Why this meeting and this format

- Previous similar (Czech only) [meeting](#) was held at Lanna 18.12.2013, after the [Open Symposium in Cracow](#).
- The idea is to map out common current and future CZ-SK projects and to co-ordinate the strategy.
- Past common projects: H1, STAR,...?
- Current common projects: ALICE (ITS), ATLAS (TileCal), ISOLDE, NA62, NEMO, JUNO, STAR,...?
- Summarize and discuss CZ and SK activities related to the Strategy update.
- Within a month (mid-October 2018) to come with a write up to be send to the CZ-SK community for discussion and finalization by mid-December 2018.

# Strategy Secretariat Members

- Professor H. Abramowicz (Chair)
- Professor K. Ellis (SPC Chair)
- Professor J. D'Hondt (ECFA Chair)
- Professor L. Rivkin (ELD Chair)

# European Strategy Group

- the Strategy Secretary (acting as Chair),
- one representative appointed by each CERN Member State<sup>\*</sup>,
- one representative appointed by each of the Laboratories: CERN, CIEMAT, DESY Irfu, LAL, Nikhef, LNF, LNGS, PSI, STFC-RAL + ELD chair
- the CERN Director-General,
- the SPC Chair,
- the ECFA Chair.
  
- **Invitees:**
- the President of the CERN Council,
- one representative from each of the Associate Member States,
- one representative from each Observer State,
- one representative from the European Commission,
- the Chairs of ApPEC and NuPECC,
- the Chairs of FALC and ESFRI,
- the members of the Physics Preparatory Group

<sup>\*</sup>) CZ: T. Davídek, SK: S. Tokár

# Physics Preparatory Group

Compiles scientific input from the community into  
Briefing Book

Consists of 15 = 4 + 4 + 4 + 1 + 1 + 1 members:

- Four Strategy Secretariat Members,
- Four members appointed by the Council on the recommendation of the SPC,
- Four members appointed by the Council on the recommendation of ECFA,
- One representative appointed by CERN,
- One representative from Asia appointed by the respective regional representatives in ICFA,
- One representative from the Americas appointed by the respective regional representatives in ICFA.

# Milestones

- mid-December 2018: deadline for submission of the scientific proposals from particle physics community
- 13.-16. 5. 2019: Open Symposium, Granada, Spain organized by the PPG
- 14 .7. 2019: special ECFA/EPS-HEPP session during EPS-HEP conference in Ghent
- 30. 9. 2019: PPG compiles the Briefing Book
- 20.-24. 1. 2020: Strategy Drafting Session: Bad Honnef, Germany
- May 2020: Approval of the updated Strategy @ special Open Session of the CERN Council



