


Pillar 1 Whitepaper: Boundary Conditions

- **Scope** of the Whitepaper (WP) for Pillar 1:
 - Set the strategy for 2019-2029 (i.e. post LHC Run 2) to cover 2025-30 with HL-LHC
 - by then we hope to know the next future high energy machine
 - Also better include interplay high energy / low energy frontier
- **Timescale:**
 - **2018** Swiss internal Road Map discussion ; Pillar 1 WP as input for (update of) CHIPP-Roadmap
 - First Strategic Workshop 3-6 April 2018, open to all CHIPP members
 - Second workshop in 13/14 September, restricted to about 100 people
 - Planning for first Workshop in analogy to SWHEPPS program
 - **2019** Europe-wide discussions about the European strategy
 - **Spring 2020** – new European Strategy ready
- We attempt **no prioritization recommendation** in WP
 - WP should provide necessary ingredients for discussion during the 2018 workshops
- WP needs to be **ready before April 2018**

Pillar 1 Whitepaper: Boundary Conditions



Slide from last
Board in
November

- **Scope** of the Whitepaper (WP) for Pillar 1:
 - Set the strategy for 2019-2029 (i.e. post LHC Run 2) to cover 2029
 - by then we hope to know the next future high energy machine
 - Also better include interplay high energy / low energy frontier
- **Timescale:**
 - **2018** Swiss internal Road Map discussion ; Pillar 1 WP as input for (update of) CHIPP-Roadmap
 - First Strategic Workshop 3-6 April 2018, open to all CHIPP members
 - Second workshop in 13/14 September, restricted to about 100 people
 - Planning for first Workshop in analogy to SWHEPPS program
 - **2019** Europe-wide discussions about the European strategy
 - **Spring 2020** – new European Strategy ready
- We attempt **no prioritization recommendation** in WP
 - WP should provide necessary ingredients for discussion during the 2018 workshops
- WP needs to be **ready before April 2018**

- Editorial Team:

- Florencia Canelli
- Gino Isidori
- Klaus Kirch
- Lenny Rivkin
- Olivier Schneider
- Tobias Golling
- Rainer Wallny (organization)

- Several Meetings

- 6 November 2017, 1 December 2017, 18 January 2018, 23 February 2018

- 1) The overarching theme of pillar 1 research activities in Switzerland
- 2) Current Implementation of pillar 1 research in Switzerland
- 3) Potential Future Facilities as Drivers
- 4) Appraisal of the current implementation and its relation to the drivers
- 5) Conclusions

CHIPP Pillar 1 Whitepaper 2017:

Input to the Strategic Workshops in Switzerland



DRAFT

February 15, 2018

In addition we will draft:

An accompanying letter with “provocative questions” to spur the discussions at the first SWICH workshop in April