

## DPHEP collaboration

- A short history
  - Study Group created in end 2008
  - First workshop in january 2009, about 10 workshops since
  - Initial white paper in 2009
  - Blueprint in may 2012 (about 80 authors)
  - Endorsed by CERN in 2012 -> Project manager
  - July 2014: DPHEP MoU signed by 7 initial member

## Collaboration Agreement for the DPHEP Project

BETWEEN:

The Partners of the DPHEP Project (the "Partners") set out in Annex 1 to the Collaboration Agreement,

CONSIDERING THAT:

(1) Data from high-energy physics (HEP) experiments are collected with significant financial and human effort and are mostly unique;

(2) The Data Preservation and Long Term Analysis in High Energy Physics (DPHEP) project (the "Project"), an inter-experimental study group on HEP data preservation and long-term analysis, was initially formed by large collider-based experiments to investigate the technical and organizational aspects of HEP data preservation and convened by a Chair and a Project Manager as a panel of the International Committee for Future Accelerators (ICFA); Two reports were released, providing an analysis of the research case for data preservation and a detailed description of the various projects at experiment, laboratory and international levels;

(3) In its report of May 2012 (see Annex 2), the study group provided a concrete proposal for an international collaboration in charge of the Project and data management and policies in high-energy physics;

(4) The Partners have expressed their interest to take part in and contribute to the Project in order to implement the recommendations provided in the report referred to in Annex 2 and wish to formalize their collaboration through the present Collaboration Agreement;

(5) The mutual benefit of the Partners that shall result from collaboration between them;

HAVE AGREED AS FOLLOWS:

### Annex 1: Partners of the DPHEP Project and contact persons

Initial DPHEP Partner	Location	Contact person
European Organization for Nuclear Research, <b>CERN</b>	Switzerland	J. Shiers
Deutsches Elektronen-Synchrotron, <b>DESY</b>	Germany	D. South
Helsinki Institute of Physics, <b>HIP</b>	Finland	K. Lassila-Perini
Institute of High Energy Physics, <b>IHEP</b>	China	G. Chen
Institut national de physique nucléaire et de physique des particules, <b>IN2P3</b>	France	G. Lamanna
Institute of Particle and Nuclear Studies, High Energy Accelerator Research Organisation, <b>IPNS, KEK</b>	Japan	T. Hara
Max Planck Institut für Physik, <b>MPP</b>	Germany	S. Kluth

Following institutes are members of the DPHEP Study Group and intend to join formally the DPHEP Collaboration:

Brookhaven National Laboratory, <b>BNL</b>	USA	M. Ernst
<b>CSC- IT Center for Science</b>	Finland	N.N.
Fermi National Accelerator Laboratory, <b>FNAL</b>	USA	S. Wolbers
Institute of Particle Physics, <b>IPP</b>	Canada	R. Sobie
Istituto Nazionale di Fisica Nucleare, <b>INFN</b>	Italy	M. Maggi
<b>SLAC National Accelerator Laboratory</b>	USA	C. Cartaro
Science and Technology Facilities Council, <b>STFC</b>	UK	J. Bicarregui

## DPHEP Collaboration Meeting: a proposal

- When: Feb/Mars 2015 (doodle all contacts)
- Goals
  - Analyse the data preservation situation in **HEP** (report?)
  - In depth review all important projects and data producers
    - HERA: H1,ZEUS,HERMES (end of collisions July 2007)
    - Tevatron: CDF,D0 (end of collisions 2011)
    - PEP III: BaBar (end of collisions March 2008)
    - KEKB: Belle (2009 + upgrade)
    - CLEO: end 2008
    - BES III: start 2008
    - LHC+...
  - Review/propose common development projects
  - External (non-HEP, non-research etc.) input

## Organisational Goals

- Review the organisation and update the contacts
- Discuss/define operations
- Welcome new members in the Collaboration Board
- Review funding programs and other related international initiatives and contacts
- Discuss the action plan for 2015/2016 and beyond

## Meeting Structure

- 2.5 Days
- 1 day for experiments/collaborations
  - 10x30 min talks from major HEP collaborations + extras
- 0.5 days external input
  - RDA, interdisciplinarity etc.
- 0.5 days technical presentations or parallel hands-on
  - Virtualisation, cloud, storage, policies and open data, outreach etc.
- 0.5 Days for summary on common work (reports, discussions)
- **Collaboration Board**