DPHEP7 / DASPOS Introduction

Jamie.Shiers@cern.ch

DPHEP7, March 2013

International Collaboration for Data Preservation and Long Term Analysis in High Energy Physics

Practical Details – 1

- We have this room (513 1-024) from 08:30 – 14:00 and from 16:00 on **today**
- We also have some smaller rooms for parallel discussions as well as “the gap”
  - 28 1-025 “management”; 28 S-029 “DASPOS”
- Nespresso is available downstairs (1CHF)
- **Tomorrow** we have a much larger room, 222-R-001 “the filtration plant” ***except*** from 11-12

Practical Details – 2

- If you are giving a talk, please upload your slides beforehand to the Indico page
- Speakers have been granted the necessary rights, there is also a modification key:
- There are no social events, or lunches, organised – sorry, but I leave tonight for BRU! (Having got back last night)
- This is a workshop, so we can be flexible with time, but please respect the time slot and leave time for questions & discussion
- # slides <(<) # minutes

https://indico.cern.ch/conferenceDisplay.py?confId=233119

Suggested Topics for DPHEP7

- “Ingest Issues” (10’)
  - How did you (the experiment) decide what data to save, how to make it discoverable / available, how is it documented, where is the data / meta-data etc. What are the access policies and target communities?
  - What tools do you use?
- “Archive issues”: (10’)
  - How is the archive managed? How are errors detected and handled? What is the experience?
  - What storage system / services are used?
- “Offline environment issues”: (20’)
  - What have been the key challenges in keeping the offline environment alive? What are the key lessons learned / pitfalls to be avoided? What would you have done differently if long-term preservation had been a goal from the early days of the experiment?

Have we progressed?

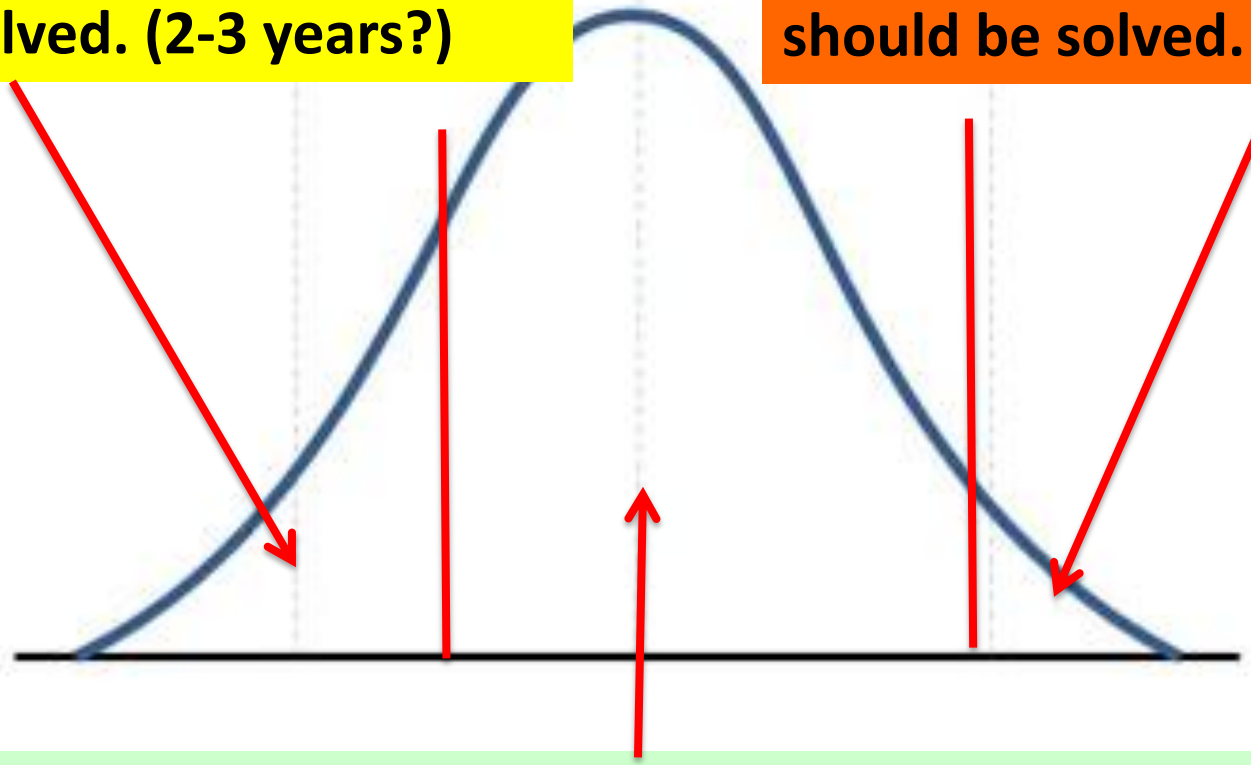
Questions to ask ourselves at the end of this workshop:

- Do we feel that “Archive issues” are under control? Or soon could be? If not, what are the remaining issues?
- “Ingest issues”: can we see a reproducible process coming out of the DASPOS work? Sooner? Later? If not, what needs to be done?
- “Offline issues”: what can past experiments teach current and future ones? Can we take advantage of the “rewrite” of key offline components to make our s/w more future proof?
- DPHEP8: When? Where? What?
- Project Planning:
  - We need to make progress on the Collaboration Agreement. A new draft (minor mods) will be prepared for “final comments” before signature
  - An RDA DP WG interim report is expected before the summer
  - Horizon 2020 calls are expected “after the summer”

Where to Invest – Summary (WLCG OB)

Tools and Services, e.g. Invenio: could be solved. (2-3 years?)

Archival Storage Functionality: should be solved. (i.e. "now")



Support to the Experiments for DPHEP Level 4: *must be solved – but how?*

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