

H1+ZEUS issues

PRC closed session

HERAPDF and the future

- HERAPDF situation
 - A rich and sustained physics case
 - Many results expected this year
 - Person power will be an issue soon
 - H1 fitters mostly under temporary contracts
- Perspectives for LHC studies to be clarified

HERA Data Preservation Project

- Project endorsed by the last PRC
- A person-power request was submitted to DESY Directorate)
- Thanks to DESY directorate for positive answer, allocations processed now
- Prototype under study already, will be presented at FNAL Workshop

		2011	2012	2013	Translates into Position	Long term 2014 ⁺⁺
DESY-IT	Validation	1.0		0.5	3 year FTE 2011 – 2013	(0.5)
	Storage		1.0	0.5		
H1	Validation	0.5	1.0	0.5	2 year extention for 2011 – 2013	(0.5)
	Documentation	0.5	0.5		1 year extention for 2012	
ZEUS	Validation	0.5	1.0	0.5	(Initial) 2 year FTE 2011 – 2013	(0.5)
	Documentation	0.5	0.5		1 year FTE 2011 – 2012	
HERMES	Validation			0.5	0.5 year extention for 2013	(0.5)
	Documentation	0.5	0.5		1 year FTE 2011 – 2012	

Table 1: Summary of FTE additional requirements from DESY-IT and the HERA experiments to successfully implement the data preservation project at DESY. A long term perspective should be foreseen such that the preserved data custodianship is made possible for a typical period of 10 years after the official end of the collaborations.

DPHEP evolves

- Next workshop in FNAL May 16-18, 2011
- LHC experiments have joined

ATLAS: Fabiola Gianotti (CERN)
CMS: Guido Tonelli (CERN)
LHCb: Andrey Golovtsov, Pierluigi Campana
ALICE: Paolo Giubellino

Review ongoing in US,
overlaps with DPHEP objectives

Next Objective:

- publication (blueprint)
- SPC/CERN, ICFA Seminar
- install the DPHEP Director

5th Workshop on Data Preservation and Long Term Analysis in HEP

May 16-18, 2011
Fermilab, Batavia, Illinois, USA

www.dphep.org

Objectives

- Review the physics objectives of data preservation
- Identify common features in analysis models
- Understand the status of data preservation efforts
- Review funding programs and similar international initiatives
- Develop and document a plan for the future

International Steering Committee

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CMS: Guido Tonelli (CERN)
LHCb: Andrey Golovtsov, Pierluigi Campana
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Communication efforts

Conferences: God presence in 2010, thanks also to DESY support
2011: continue to be invited with similar rate, need continuous support

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Recent Results and Perspectives in HERA Physics

14h00 Robin Devenish(Oxford)	From Rutherford to HERA
14h45 Rolf Heuer (CERN)	HERA and the future of particle physics
15h30 Coffee Break	
16h00 Cristinel Diaconu (Marseille)	H1 New Results
16h30 Aharon Levy (Tel Aviv)	ZEUS New Results
17h00 Klaus Rith (Erlangen)	HERMES New Results
17h30 Guido Altarelli (Roma Tre/CERN)	Deep Inelastic Scattering: an outlook