

HERA - LHC working group week

1 - 4 June 2004, DESY, Hamburg



HERA AND THE LHC
A workshop on the implications of HERA for LHC physics

March 2004 - Jan 2005

Parton density functions
Multijet final states and energy flow
Heavy quark
Diffraction
Monte Carlo tools

Startup meeting
March 26-27 2004
CERN, Geneva

Midtermmeeting
Oct 11-13, 2004

Final Meeting
Jan 2005
DESY, Hamburg

Organizing Committee:
G. Altarelli (CERN), J. Blumlein (DESY),
M. Bojko (NIKHEF), J. Stückerhoff (DESY),
A. Denner (CERN) (chair), K. Eggert (CERN),
H. Jung (DESY) (chair),
M. Mangano (CERN), A. Morawick (CERN),
G. Poloschi (HFN), O. Schneider (HFN),
R. Yoshida (JAM)

Advisory Committee:
M. Della Negra (CERN), J. Bartsch (Hamburg),
J. Ellis (CERN), J. Erniele (CERN),
G. Gustafson (Lund), C. Ingelman (Uppsala),
P. Jenni (CERN), R. Klöner (DESY),
M. Klein (DESY), L. McLerran (BNL),
T. Nakada (CERN), D. Schaerer (CERN),
F. Schrempf (DESY), J. Schwaiger (CERN),
J. Stirling (Durham), W.K. Tung (Michigan State),
A. Wagner (DESY), R. Yoshida (JAM)

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- Welcome in sunny Hamburg
- Structure of the working group week and goals
 - where we are ...
 - next steps
- Get together tonight....
- visit to HERA detector during this week ???

Physics goal of the workshop

Aims of the Workshop:

- To identify and prioritize those measurements to be made at HERA which have an impact on the physics reach of the LHC.
- To encourage and stimulate theory and phenomenological efforts related to the above two goals.
- To examine and improve theoretical and experimental tools related to the above three goals.
- To increase the quantitative understanding of the implication of HERA measurements on LHC physics

Please, do not miss any interesting idea....

.... it might be the next Nobel Price

Meeting dates

- Startup meeting at CERN: (1 day WGs, 1 day plenary)
26 - 27 March 2004
- WG week (before summer break) at DESY (1 day/WG)
1 - 4 June
- Midterm meeting at CERN (1/5 day/WG)
11 -13 October 2004
- WG week before Xmas at DESY (1 day/WG)
15 - 19 November (optional)
- Final meeting at DESY
17 - 21 Jan 2005

Where to get help and support

- secretaries:

Alla Grabowsky

Lab 1 /324, Tel. 3144

Sabine Platz

Lab 1c /283, Tel 3525

- available all time ...

- and in sem. room area during morning coffee breaks

- for those agreed travel support, please contact Alla Grabowsky or Sabine Platz

- Announcements, new-schedule, room assignment:
here at desk in seminar room area

- Coffee at 10:30-11:00 and 15:30-16:00 always here in seminar room area

Visit to Experiments and HERA

- Visit to experiments, H1 and ZEUS and HERA machine possible
 - subscribe into list until 2.June, 16:00
(at desk in sem. room area)

Get together tonight

- at 19:30 *Blaue Blume*, Gerichtstr., HH-Altona
 - subscribe into list until 1.June, 16:00
(at desk in sem. room area)
 - not sponsored,
- if too many participants ➡ goto DESY - Bistro
- meeting point: 19:00 at Foyer, Lab 1

Welcome to sunny Hamburg

**Welcome all
to the
HERA - LHC
working group week**

Welcome to sunny Hamburg

**Welcome to
fruitful and interesting
discussion and meetings**

**Enjoy the stimulating atmosphere
of a running accelerator and working experiments**

Thanks to DESY/CERN for financial support ...