

Next steps



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

Midterm meeting
Oct 11-13, 2004

Final Meeting
Jan 2005
DESY, Hamburg

Organizing Committee:
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M. Botje (NIKHEF), J. Butterworth (LCL),
A. Deason (CERN) (chair), K. Eggert (CERN),
H. Jung (Lund/DESY) (chair),
M. Mangano (CERN), A. March (CERN),
G. Polacco (BNL), O. Schmiedke (DESY),
S. Yoshida (SLAC)

Advisory Committee:
M. Dole (DESY), J. Drees (Hamburg),
J. Ellis (CERN), J. Gunion (CERN),
G. Gustafson (Lund), G. Ingelman (Hamburg),
P. Jenks (CERN), R. Kluge (DESY),
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J. Smeets (DESY), J. Sjostrand (CERN),
J. Sjöstrand (CERN), W. Stirling (Michigan State),
A. Wulkenhaar (DESY), R. Yoneda (DESY)

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Remember the 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
- To examine and improve theoretical and experimental tools
- To increase the quantitative understanding of the implication of HERA measurements on LHC physics

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- detailed work has started
- ☞ still lot of things to be done
- **Need for quantitative examples**
what still has to be measured, investigated at HERA
new ideas are still welcome
this **might** be the last chance to influence the physics
program at HERA
- decide of further measurements at HERA **NOW !**

Next meetings

☞ final meeting in January too early to achieve all that ...

● postpone it by 2 months

Final Meeting: March 2005 at DESY

21 - 23 March or 29 March - 1 April

will be checked and finally announced in a week !!!!!

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21 - 23 March or 29 March - 1 April
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- ☞ **BUT** keep January date for working group week
17-21 Jan 2005 at CERN
- ☞ **Also** optionally WG - week as planned in
Nov 15-19 at DESY

Proceedings

- **Proceedings** joined CERN & DESY report printed and electronically
- **100 pages / WG**
summary report of WG - objectives and goals of the WS
individual contributions **with focus on HERA & LHC**
selection done by conveners
- **Proceedings**
to be ready 2-3 months after final meeting

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- Have a good trip back home
- See you all soon in Geneva and Hamburg