

# Closing remarks

**HERA AND THE LHC**  
2nd workshop on the implications of HERA for LHC physics

6-9 June 2006  
CERN, Geneva

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

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Highlights of 1<sup>st</sup> workshop !!!

“...The mechanic, who wishes to do his work well, must first sharpen his tools ...”

—Chapter 15, “The Analects” attributed to Confucius, translated by James Legge. (from X. Zu at DIS05)

# Next steps

## Aims of the workshop:

- ➔ examination and improvement theoretical and experimental tools, which will be important for the physics reach of the LHC
- ➔ increasing the quantitative understanding of the implication of HERA measurements on LHC physics
  
- Many new topic and ideas have been presented
- Topics to be sorted out until next year:
  - PDF issues
  - Multiple Interaction – Diffraction
  - ?

# *Next meeting*

- Proposal for next meeting at DESY (Hamburg)
  - end of Feb/beginning of March 2007
  - or
  - May
  - Please check this date and discuss it with your colleagues
- working group week Oct/Nov 2006 at DESY
  
- Further meetings:
  - planned is yearly meeting, next 2008 at CERN

# Proceedings

- Combined DESY & CERN report, printed & electronically
  - after meeting next year
  - 100 pages/WG
- framework for contributions of this meeting
  - not full proceedings, but individual can submit papers
  - will be available electronically: web page and ?
  - to be completed until August 2006

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- Have a good and safe trip back home
- See you all soon again in Hamburg !