

The Future of Lepton-Nucleon Scattering

Programme, Thursday 6th December

Note, all times include about 10 minutes for discussion. Further short contributions welcomed!

Session 1 – Where will we be in 2006?

Chair: T Greenshaw

09:00 Welcome and introduction

A Martin

09:15 HERA collider physics

P Schleper

09:45 Spin physics

G van der Steenhoven

10:15 Lepton-nucleon physics after 2006, ECFA plans

B Foster

10:45 Coffee

Session 2 – Open questions in QCD

Chair: J Stirling

11:15 Developments in perturbative QCD

N Glover

11:45 Diffraction

J Bartels

12:15 New states of matter and the question of confinement

R Venugopalan

12:45 Lunch

Session 3 – Polarisation

Chair: E Leader

14:15 Physics with polarised electrons, protons and deuterons

R Milner

14:45 Future fixed target programme

D Ryckbosch

Session 4 – Detectors

Chair: J Dainton

15:15 ZEUS status and future

U Schneekloth

15:45 Coffee

16:15 H1 status and future

D Pitzl

16:45 HERMES status and future

M Bouwhuis

17:15 Status of COMPASS

G Mallot

17:45 A new detector for low x physics

A Caldwell

18:15 Close

19:00 Dinner

Friday 7th December

Session 5 – Deuterons and nuclei

Chair: A Caldwell

09:00 Spin at HERA - The Discovery Potential

T Sloan

09:30 High Energy DIS on protons and nuclei

M McDermott

10:00 Detectors for electron-nucleus collisions

M Strikman

10:30 Coffee

Session 6 – Machine developments

Chair: R Milner

11:00 Polarised protons and deuterons in HERA

D Barber

11:30 The Electron-Ion Collider

I Ben-Zvi

12:00 Electron-ion collisions in HERA and other options

G Hoffstaetter

12:30 HERA after the luminosity upgrade

F Willeke

13:00 Lunch

Session 7 – Summary

Chair: M Klein

14:30 Where do we go from here? Discussion with representatives of experimental collaborations and HERA machine:
Eckhard Elsen, Dirk Ryckbosch, Gerhard Mallot
Richard Milner, Jim Whitmore and Ferdinand Willeke.

16:00 Summary

16:15 Coffee and end of workshop

Draft programme of 4/12/2001

See <http://www.ippp.dur.ac.uk/HeraFuture2001.html> for further information.