

Future Physics with HERA Data for Current and Planned Experiments

Report of Contributions

Contribution ID: 0

Type: **not specified**

Symposium: New results from HERA

Contribution ID: 1

Type: **not specified**

Opening

Contribution ID: 2

Type: **not specified**

HERMES results

Tuesday, 11 November 2014 16:30 (30 minutes)

Presenter: Ms VAN HULSE, Charlotte (University of the Basque Country)

Session Classification: Symposium: Latest results from HERA

Contribution ID: 3

Type: **not specified**

H1ZEUS results I

Tuesday, 11 November 2014 17:00 (30 minutes)

Presenter: Prof. LEVY, Aharon (Telo Aviv University)

Session Classification: Symposium: Latest results from HERA

Contribution ID: 4

Type: **not specified**

H1ZEUS results II

Tuesday, 11 November 2014 17:30 (30 minutes)

Presenter: VALKAROVA, Alice (Prague)

Session Classification: Symposium: Latest results from HERA

Contribution ID: 5

Type: **not specified**

Theory developments

Tuesday, 11 November 2014 18:00 (30 minutes)

Presenter: Prof. THORNE, Robert (University College London)

Session Classification: Symposium: Latest results from HERA

Contribution ID: 6

Type: **not specified**

Introduction and welcome

Wednesday, 12 November 2014 09:00 (20 minutes)

Presenter: WING, Matthew (UCL)

Session Classification: Introduction and general perspectives on physics with HERA data

Contribution ID: 7

Type: **not specified**

General perspectives on spin physics at HERA

Wednesday, 12 November 2014 09:20 (30 minutes)

Presenter: ASCHENAUER, Elke (BNL)

Session Classification: Introduction and general perspectives on physics with HERA data

Contribution ID: 8

Type: **not specified**

Possible future HERA analyses

Wednesday, 12 November 2014 09:50 (30 minutes)

Presenter: GEISER, Achim (DESY)

Session Classification: Introduction and general perspectives on physics with HERA data

Contribution ID: 9

Type: **not specified**

Possible ep physics

Wednesday, 12 November 2014 10:20 (30 minutes)

Presenter: JUNG, Hannes (DESY)

Session Classification: Introduction and general perspectives on physics with HERA data

Contribution ID: **10**

Type: **not specified**

Precision heavy flavour corrections to DIS and measurements of α_s and m_c

Wednesday, 12 November 2014 11:20 (30 minutes)

Presenter: Dr BLUEMLEIN, Johannes (DESY)

Session Classification: PDFs and Electroweak

Contribution ID: 11

Type: **not specified**

PDF fits with a focus on the low-x HERA data

Wednesday, 12 November 2014 11:50 (30 minutes)

Presenter: Prof. COOPER-SARKAR, Amanda (Oxford University)

Session Classification: PDFs and Electroweak

Contribution ID: 12

Type: **not specified**

Precise parton distributions

Wednesday, 12 November 2014 12:20 (30 minutes)

Presenter: MOCH, Sven-Olaf (UHH)

Session Classification: PDFs and Electroweak

Contribution ID: 13

Type: **not specified**

Future electroweak and contact interaction fits

Wednesday, 12 November 2014 14:30 (30 minutes)

Presenter: Dr WICHMANN, Katarzyna (DESY)

Session Classification: PDFs and Electroweak

Contribution ID: 14

Type: **not specified**

Electroweak physics

Wednesday, 12 November 2014 14:00 (30 minutes)

Presenter: SPIESBERGER, Hubert (Uni MZ)

Session Classification: PDFs and Electroweak

Contribution ID: 15

Type: **not specified**

Jet predictions at HERA

Presenter: Prof. GEHRMANN, Thomas (Universitaet Zuerich)

Contribution ID: 16

Type: **not specified**

Prompt photon production at HERA

Wednesday, 12 November 2014 16:30 (30 minutes)

Presenter: Dr BUSSEY, Peter (University of Glasgow)

Session Classification: Jets and hadronic final state

Contribution ID: 17

Type: **not specified**

Results from LHCb and their relation with HERA data (TBC)

Contribution ID: **18**

Type: **not specified**

Future prospects in diffraction and low x physics

Thursday, 13 November 2014 09:00 (30 minutes)

Presenter: Dr RUSPA, Marta (Univ Piemonte Orientale)

Session Classification: Diffraction and low x

Contribution ID: 19

Type: **not specified**

A new approach to BFKL

Thursday, 13 November 2014 09:30 (30 minutes)

Presenter: KOWALSKI, Henri (DESY)

Session Classification: Diffraction and low x

Contribution ID: 20

Type: **not specified**

Low-x physics and diffraction: a few questions addressed by HERA but not yet answered

Thursday, 13 November 2014 10:00 (30 minutes)

Presenter: Prof. BARTELS, Joachim (Hamburg)

Session Classification: Diffraction and low x

Contribution ID: 21

Type: **not specified**

GPDs from exclusive meson leptonproduction

Thursday, 13 November 2014 12:00 (30 minutes)

Presenter: KROLL, Peter (Wuppertal)

Session Classification: Spin

Contribution ID: 22

Type: **not specified**

Inclusive and semi-inclusive spin physics

Thursday, 13 November 2014 12:30 (30 minutes)

Presenter: BACCHETTA, Alessandro (Pavia)

Session Classification: Spin

Contribution ID: 23

Type: **not specified**

(Un)polarized parton distributions from the NNPDF perspective

Thursday, 13 November 2014 14:00 (40 minutes)

Presenter: Mr NOCERA, Emanuele Roberto (Universita' degli Studi di Milano and INFN, Milano)

Session Classification: Spin

Contribution ID: 24

Type: **not specified**

TBA

Contribution ID: 25

Type: **not specified**

CASCADE MC for ep

Thursday, 13 November 2014 15:00 (30 minutes)

Presenter: HAUTMANN, Francesco (Oxford)

Session Classification: Monte Carlo

Contribution ID: 26

Type: **not specified**

HERWIG++ for ep

Thursday, 13 November 2014 15:30 (30 minutes)

Presenter: Dr PLÄTZER, Simon (DESY Theory Group)

Session Classification: Monte Carlo

Contribution ID: 27

Type: **not specified**

SHERPA for ep

Contribution ID: 28

Type: **not specified**

Summary

Thursday, 13 November 2014 17:00 (30 minutes)

Presenter: DAINTON, John (Liverpool)

Session Classification: Summary and Closing of the Workshop

Contribution ID: 29

Type: **not specified**

Closing remarks

Thursday, 13 November 2014 17:30 (10 minutes)

Presenter: WING, Matthew Wing (UCL)

Session Classification: Summary and Closing of the Workshop

Contribution ID: **30**

Type: **not specified**

Results from LHC-b and their relation with HERA data

Wednesday, 12 November 2014 17:30 (30 minutes)

Presenter: MCNULTY, Ronan (University College Dublin)

Session Classification: HERA analyses and results at other colliders

Contribution ID: **31**

Type: **not specified**

LHC and HERA common analyses

Wednesday, 12 November 2014 18:00 (30 minutes)

Presenter: GLAZOV, Sasha (DESY)

Session Classification: HERA analyses and results at other colliders

Contribution ID: 32

Type: **not specified**

Twist decomposition in DIS and DDIS in the dipole approach

Thursday, 13 November 2014 11:00 (30 minutes)

Presenter: Dr MOTYKA, Leszek (Hamburg University and Jagellonian University)

Session Classification: Diffraction and low x

Contribution ID: 33

Type: **not specified**

Precision Jet Physics in DIS

Wednesday, 12 November 2014 17:00 (30 minutes)

Presenter: STEWART, Iain (MIT)

Session Classification: Jets and hadronic final state

Contribution ID: 34

Type: **not specified**

Photoproduction of π^+ π^- pairs in a model with tensor-pomeron and vector-odderon exchange

Thursday, 13 November 2014 11:30 (30 minutes)

Presenter: SAUTER, Michel (Universitaet Heidelberg)

Session Classification: Diffraction and low x

Contribution ID: 35

Type: **not specified**

Extracting information from the high-x data

Wednesday, 12 November 2014 15:00 (30 minutes)

Presenter: CALDWELL, Allen (Max Planck Institute)

Session Classification: PDFs and Electroweak

Contribution ID: **36**

Type: **not specified**

Jet predictions at HERA

Wednesday, 12 November 2014 16:00 (30 minutes)

Presenter: Prof. GEHRMANN, Thomas (Universitaet Zuerich)

Session Classification: Jets and hadronic final state

Contribution ID: 37

Type: **not specified**

HERA data preservation

Presenter: Dr KRUECKER, Dirk (DESY)

Contribution ID: **38**

Type: **not specified**

PROSA ideas

Contribution ID: 39

Type: **not specified**

Why and how to search for charm pentaquarks with HERA II data

Wednesday, 12 November 2014 18:30 (10 minutes)

Presenter: Prof. KARSHON, Uri (Weizmann Institute of Science)

Session Classification: Brief contributions on further ideas

Contribution ID: 40

Type: **not specified**

Preservation of HERA data

Thursday, 13 November 2014 14:40 (20 minutes)

Presenter: Dr KRUECKER, Dirk (DESY)

Session Classification: HERA Data Preservation

Contribution ID: 41

Type: **not specified**

PROSA ideas

Thursday, 13 November 2014 16:30 (10 minutes)

Presenter: GEISER, Achim (DESY)

Session Classification: Session for further contributions and discussion