

Forschung Hochenergiephysik

H1-Experiment

Veröffentlichungen

H1 COLLABORATION, A. AKTAS ET AL.

A Determination of Electroweak Parameters at HERA.

Phys. Lett. B 632 (2006) 35 and DESY 05-093; hep-ex/0507080; H1-142

Diffraction Deep-Inelastic Scattering with a Leading Proton at HERA.

Eur. Phys. J. C 48 (2006) 749 and DESY 06-048; hep-ex/0606003

Diffraction Photoproduction of ρ Mesons with Large Momentum Transfer at HERA.

Phys. Lett. B 638 (2006) 422 and DESY 06-023

Elastic J/Ψ Production at HERA.

Eur. Phys. J. C 46 (2006) 585 and DESY 05-161; hep-ex/0510016; H1-145

First Measurement of Charged Current Cross Sections at HERA with Longitudinally Polarised Positrons.

Phys. Lett. B 634 (2006) 173 and DESY 05-249; hep-ex/0512060; H1-147

Forward Jet Production in Deep Inelastic Scattering at HERA.

Eur. Phys. J. C 46 (2006) 27 and DESY 05-135; hep-ex/0508055; H1-144

Measurement and QCD Analysis of the Diffraction Deep-Inelastic Scattering Cross Section at HERA.

Eur. Phys. J. C 48 (2006) 715 and DESY 06-049; hep-ex/0606004

Measurement of $F_2^{c\bar{c}}$ and $F_2^{b\bar{b}}$ at Low Q^2 and x Using the H1 Vertex Detector at HERA.

Eur. Phys. J. C 45 (2006) 23 and DESY 05-110; hep-ex/0507081; H1-143

Measurement of Charm and Beauty Dijet Cross Sections in Photoproduction at HERA using the H1 Vertex Detector.

Eur. Phys. J. C 47 (2006) 597 and DESY 06-039; hep-ex/0605016

Measurement of Event Shape Variables in Deep-Inelastic Scattering at HERA.

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Photoproduction of Dijets with High Transverse Momenta at HERA.

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Search for Doubly-Charged Higgs Boson Production at HERA.

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Search for a Narrow Baryonic Resonance Decaying to $K_s^0 p$ or $K_s^0 \bar{p}$ in Deep Inelastic Scattering at HERA.

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Tau Lepton Production in ep Collisions at HERA.

Eur. Phys. J. C 48 (2006) 699 and DESY 06-029; hep-ex/0604022

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Eur. Phys. J. C 48 (2006) 53 and DESY 06-052; hep-ph/0604189

A. BUNYATYAN, B. POVH

Pion Fluctuation in Deep Inelastic Scattering.

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Diffraction Open Charm Production in Deep-Inelastic Scattering and Photoproduction at HERA.

DESY 06-164; hep-ex/0610076; H1-157

Inclusive D^* -Meson Cross Sections and D^* -Jet Correlations in Photoproduction at HERA.

DESY 06-110; hep-ex/0608042; H1-156

Production of $D^{*\pm}$ -Mesons with Dijets in Deep-Inelastic Scattering at HERA.

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S. Y. CHOI ET AL.

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DESY 06-239; hep-ph/0612301

S. Y. CHOI, J. KALINOWSKI, H.U. MARTYN, R. RÜCKL, H. SPIESBERGER, P.M. ZERWAS

Isolated Lepton Events at HERA: SUSY R-Parity Violation?

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T. KLUGE, K. RABBERTZ, M. WOBISCH

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P. FLEISCHMANN
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- H.-U. MARTYN
Detecting Metastable Staus and Gravitinos at the ILC.
Proc. of Mini-Workshop on Superweakly Interacting Dark Matter,
Hamburg/DE
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- A. DUBAK
Jet Trigger in the H1 Experiment at HERA.
- N. RAICEVIC
Measurement of the Inclusive ep Deep Inelastic Scattering Cross
Section at Low Q^2 with the H1 Detector at HERA.
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Collisions with the H1 Detector at HERA.

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- J. BRACINIK
Electroweak Physics at HERA.
- V. LENDERMANN
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- P. MARAGE
Diffraction at HERA.

- C. RISLER
Spectroscopy at HERA.

DIFFRACTION 2006, Adamantas, Milos Island/GR (09/2006)

- M. BECKINGHAM
Deeply Virtual Compton Scattering and Diffractive High t Photons
at H1.
- N. BERGER
Vector Mesons H1.
- J. KRETZSCHMAR
Inclusive DIS Results from HERA.
- P. LAYCOCK
Inclusive Diffraction in DIS-H1 Results.
- M. MOZER
Diffractive Dijets and Charm at H1.

DIS 2006, Tsukuba/JP (04/2006)

- B. ANTUNOVIC
Charged Current Studies at HERA II.
- O. BEHNKE
Diffractive D^* and $F_2^{D(cc)}$.
- L. BELLAGAMBA, E. SAUVAN, H. SPIESBERGER
Electroweak Physics and Physics Beyond the Standard Model.
- V. CHEKELIAN, C. GWENLAN, R.S. THORNE
The Structure Functions and Low X Working Group Summary.
- J. DANTON
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Search for Excited Neutrinos at HERA.
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Transfer at HERA.
- M. HANSEN
Dicorrelation of Dijets at Low x and Q^2 .
- M. HANSSON
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- C. HELEBRANT
Search for Leptoquarks at HERA-I.
- U. KARSHON, I. SCHIENBEIN, P. THOMPSON
Summary of the Heavy Flavour Working Group.
- M. KLEIN
Future Measurement of F_L with H1.
Remarks on Deep Inelastic Scattering.
- T. KLUGE, Z. NAGY, J. TERRON
Summary of the Hadronic Final State Working Group.

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Measurement of F_2^{cc} and F_2^{bb} at Low Q^2 and x Using the H1 Vertex Detector at HERA.

H. LIM, L. SCHOEFFEL, M. STRIKMAN

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S. MAXFIELD

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P. NEWMAN

Diffraction Cross Sections and Parton Densities from Rapidity Gap and Leading Proton Measurements.

A. NIKIFOROV

Neutral Current Studies at HERA II.

J. OLSSON

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D. OZEROV

H1 Search for a Narrow Baryonic Resonance Decaying to $K_S^0 p(\bar{p})$.

E. PEREZ

Recent Results from the H1 Experiment.

C. RISLER

Forward Jet Production in Deep Inelastic Scattering at HERA.

B. ROLAND

Deeply Virtual Compton Scattering at HERA II (H1 results).

E. SAUVAN

H1 Diffraction Structure Function Measurement from New Data.

C. SCHMITZ

Inclusive Prompt Photon Production in Deep Inelastic Scattering at H1.

D. SOUTH

New H1 Results on Isolated Leptons and Missing P_T at HERA.

D. TRAYNOR

Scaled Charged Particles Momentum Distributions at High Q^2 at HERA.

J. TURNAU

Measurement of Event Shape Variables in Deep Inelastic Scattering at HERA.

C. VALLEE

Multi-Lepton Events and Search for H^{++} at HERA.

C. WERNER

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S. XELLA

Tau lepton production at HERA.

Y.C. ZHU

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G. BRANDT

Isolierte Leptonen bei H1.

S. GLAZOV

Proton Parton Distribution Functions and LHC.

T. GSÄNGER

Diffraaktive Υ -Produktion.

L. HALLERMANN

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A.W. JUNG

Über das Leistungsverhalten der dritten Triggerstufe bei H1.

M. KARBACH

Wie das Grid beim H1 Experiment genutzt wird.

J. KRETZSCHMAR

Messung der Protonstruktur in tief-inelastischer Streuung bei H1.

K. LOHWASSER

Analyse von D^* -Ereignissen mit dem schnellen Spurtrigger des H1 Experiments.

A. LUCACI-TIMOCE

D^* -Muon Correlations in Photoproduction Events at HERA.

A. PERIEANU

The Structure of Charm Jets and the Dead Cone Effect in DIS Measured with the H1 Detector at HERA.

S. SCHMIDT

Charm Jets in tief-inelastischer Streuung.

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Search for New Physics at HERA.

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Prompt Photonen in DIS bei H1.

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O. BEHNKE

Preview of New H1 Results.

G. BRANDT

Multileptonen, Generic Search (and ν^*).

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NC with Polarised HERA II.

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Events with Isolated Leptons and Missing Transverse Momentum at HERA.

F. EISELE

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N. GOGITIDZE

Fragmentation and Prompt Photons.

H. JUNG ET AL.

Towards Precision Determination of Unintegrated Parton Density Functions.

M. KAPICHINE

Diffraction Dijets and Open Charm Production at HERA.

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S. LEVONIAN
Event and Jet Shapes.

J. OLSSON
Pentaquark Searches in H1.

D. PITZL
c and b in DIS and $F_2^{c,b}$.

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Measurement of $F_2^{D(3)}$ and QCD Fits (H1) (17+3).

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V. EFREMENKO
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Inclusive Processes in Diffraction at HERA.

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M. BECKINGHAM
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A. BUNYATYAN
Inclusive Diffraction at HERA.

G. LEIBENGUTH
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A. PETRUKHIN
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M.-O. BOENIG
Charm and Beauty Production at HERA (H1+ZEUS).

J. FELTESSE
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J. GAYLER
Particle Momentum Distributions and Prompt Photon Production at HERA.

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Jet and Multijet Production at HERA (Parton Dynamics, Multi-Parton Interactions etc.).

K.-H. HILLER
Vector Meson and DVCS by the H1 Detector (H1).

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B. LIST
Heavy Quark Production in ep Collisions.

N. RAICEVIC
Structure Function and Extraction of PDFs at HERA.

C. WISSING
Jet Measurements and Determination of α_s at HERA.

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A. FALKIEWICZ
Particle Production and Spectroscopy (Light and Heavy).

K. KRASTEV
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H. PENG
Neutral and Charged Current at High x and High Q^2 at HERA.

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V. BOUDRY
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T. KLIMKOVICH

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A. MEHTA

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L. HALLERMANN

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C. HELEBRANT

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M. KARBACH

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K. LOHWASSER

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R. POLIFKA

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ZEUS-Experiment

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