

I am co-author of about 400 scientific publications. Following first are those to which I have contributed more, including published conference talks. Between 2002 and 2006, as H1 spokesperson I have been co-editor of about 40 publications of the H1 Collaboration. I then append a list of all other papers I was involved with as a member of various collaborations, most recently of H1, ATLAS and the LHeC.

Publications to which I made significant personal contributions

Measurement of the inclusive W^{+-} and Z/γ cross sections in the electron and muon decay channels in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector
By ATLAS Collaboration (Georges Aad et al.).arXiv:1109.5141 [hep-ex].

A Large Hadron Electron Collider at CERN
By LHeC Study Group, M.Klein et al.,
LHeC-Note-2011-003-GEN. 527 pp

Search for a heavy gauge boson decaying to a charged lepton and a neutrino in 1 fb^{-1} of pp collisions at $\sqrt{s} = 7$ TeV using the ATLAS detector
By ATLAS Collaboration (Georges Aad et al.).arXiv:1108.1316 [hep-ex]

Measurement of the Inclusive $e^{\pm}p$ Scattering Cross Section at High Inelasticity y and of the Structure Function F_L
By H1 Collaboration (F.D. Aaron et al.).arXiv:1012.4355 [hep-ex].Eur.Phys.J. C71 (2011) 1579.

The Structure of the proton and HERA
By Max Klein
DESY-PROC-2009-03, Jan 2010, 14pp. Proceedings PHOTON09

Electron-Nucleon Scattering at the Tera Scale
By Max Klein
24th Symposium on Lepton-Photon-Interactions. Dec 2010,. 3pp.

Measurement of the Inclusive $e\{p\}$ Scattering Cross Section at High Inelasticity y and of the Structure Function F_L

By H1 Collaboration (F.D. Aaron et al.)

arXiv:1012.4355 [hep-ex].Eur.Phys.J. C71 (2011) 1579

The LHeC conceptual design

By LHeC Study Group Collaboration (Max Klein for the collaboration).

PoS ICHEP2010 (2010) 520

The Large Hadron Electron Collider Project

By Max Klein.arXiv:0908.2877 [hep-ex]

COMBINED MEASUREMENT AND QCD ANALYSIS OF THE INCLUSIVE e^+p SCATTERING CROSS SECTIONS AT HERA

H1 and ZEUS Collaborations, 54pp,

arXiv:0911.0884 [hep-ex].JHEP 1001 (2010) 109

THE LARGE HADRON ELECTRON COLLIDER PROJECT

M. Klein, Aug 2009, 11p.

Plenary Talk at DIS09, Madrid, Spain.

e-Print: arXiv:0908.2877 [hep-ex]

LHeC: NOVEL DESIGNS FOR ELECTRON-QUARK SCATTERING

M. Klein and P. Newman, 2009. 4pp.

Published in CERN Cour.49N3:22-25,2009.

A PRECISION MEASUREMENT OF THE INCLUSIVE ep SCATTERING CROSS SECTION AT HERA

By H1 Collaboration (F.D. Aaron et al.). DESY-09-005, Mar 2009.

arXiv:0904.3513 [hep-ex].Eur.Phys.J. C64 (2009) 561-587.

EXPECTED PERFORMANCE OF THE ATLAS EXPERIMENT - DETECTOR, TRIGGER AND PHYSICS

By The ATLAS Collaboration (G. Aad et al.). Jan 2009. 1852pp.

e-Print: arXiv:0901.0512 [hep-ex]

MEASUREMENT OF THE INCLUSIVE EP SCATTERING CROSS SECTION AT LOW Q^2 AND X AT HERA

By H1 Collaboration (F.D.Aaron et al.)

arXiv:0904.0929 [hep-ex].Eur.Phys.J. C63 (2009) 625-678.

FIRST MEASUREMENTS OF $F(L)$ AT LOW BJORKEN X

By H1 Collaboration and ZEUS Collaboration
(M. Klein for the collaboration). Oct 2008. 4pp.
e-Print: arXiv:0810.3857 [hep-ex]
Proceedings of ICHEP Philadelphia, USA, 2008.

COLLIDER PHYSICS AT HERA

M. Klein and R. Yoshida, . ANL-HEP-PR-08-23, May 2008. 75pp.
Published in Prog.Part.Nucl.Phys.61:343-393,2008.
e-Print: arXiv:0805.3334 [hep-ex]

MEASUREMENT OF THE PROTON STRUCTURE FUNCTION $FL(x,Q^{*2})$ AT LOW X

By H1 Collaboration (F.D. Aaron et al.). DESY-08-053, May 2008. 17pp.
Published in Phys.Lett.B665:139-146,2008.
e-Print: arXiv:0805.2809 [hep-ex]

A LARGE HADRON ELECTRON COLLIDER AT THE LHC

M. Klein, Apr 2008, 8pp.
Prepared for 16th International Workshop on Deep Inelastic Scattering
and Related Subjects (DIS 2008), London, England, 7-11 Apr 2008.
Published in *London 2008, Deep inelastic scattering

THE LHEC AND ITS LOW X PHYSICS POTENTIAL

J. Dainton, M. Klein and P. Newman, (Birmingham U.) . May 2007. 4pp.
Published in *Hamburg 2007, Blois07, Forward physics and QCD* 356-359
e-Print: arXiv:0712.3633 [hep-ph]

PARTON DISTRIBUTIONS AT THE LHEC

M. Klein, Apr 2007. 4pp.
Prepared for 15th International Workshop on Deep-Inelastic Scattering
and Related Subjects (DIS2007), Munich, Germany, 16-20 Apr 2007.
Published in *Munich 2007, Deep-inelastic scattering, vol. 2* 1117-1120

REMARKS ON DEEP INELASTIC SCATTERING

M. Klein, (DESY, Zeuthen) . Apr 2006. 15pp.
Summary Conference Talk.
Prepared for 14th International Workshop on Deep Inelastic Scattering
(DIS 2006), Tsukuba, Japan, 20-24 Apr 2006.
Published in *Tsukuba 2006, Deep inelastic scattering* 922-936

FUTURE MEASUREMENT OF FL WITH H1

M. Klein, (DESY) . Apr 2006. 4pp.

Prepared for 14th International Workshop on Deep Inelastic Scattering (DIS 2006), Tsukuba, Japan, 20-24 Apr 2006.

Published in *Tsukuba 2006, Deep inelastic scattering* 193-196

MEASUREMENT AND QCD ANALYSIS OF THE DIFFRACTIVE DEEP INELASTIC SCATTERING CROSS SECTION AT HERA

By H1 Collaboration (A. Aktas et al.). DESY-06-049, Jun 2006. 60pp.

Published in Eur.Phys.J.C48:715-748,2006.

e-Print: hep-ex/0606004

DEEP INELASTIC ELECTRON-NUCLEON SCATTERING AT THE LHC

By J.Dainton, M.Klein, P.Newman, E.Perez and F.Willeke, 55pp.,

e-Print Archive: hep-ex/0603016

Published in JINST 1:P10001,2006.

SUMMARY REPORT FROM THE HERA LHC WORKSHOP

M. Dittmar et al., 160 pp.,

Contributions on FL, with J. Feltesse, and eD, with B. Reiser.

e-Print Archive: hep-ph/0511119

PHYSICS AT HERA AND BEYOND

By M. Klein (DESY Zeuth.), July 2005

Prepared for 13th International Workshop on Deep Inelastic Scattering (DIS 2005),

Madison, USA, April 2005,

Proceedings, AIP Conf.Proc.792:1065(2005)

A DETERMINATION OF ELECTROWEAK PARAMETERS AT HERA

BY H1 Collaboration (A. Aktas et al.) DESY 05-093, July 2005

Published in Phys. Lett. B632:35,2006

e-Print Archive: hep-ex/0507080

PROTON STRUCTURE AND QCD AT HERA

By M. Klein (DESY Zeuth.), July 2005

Prepared for Workshop on Storage Rings (Stori05),

Bonn, Germany, May 2005,

Proceedings, Bonn 2005, p.61.

ON THE FUTURE MEASUREMENT OF THE LONGITUDINAL STRUCTURE FUNCTION AT LOW X AT HERA.

By M. Klein (DESY),. Apr 2004. 6pp.

Prepared for 12th International Workshop on Deep Inelastic Scattering (DIS 2004), Strbske Pleso, Slovakia, 14-18 Apr 2004.

Published in *Strbske Pleso 2004, Deep inelastic scattering* 309

EVIDENCE FOR A NARROW ANTI-CHARMED BARYON STATE.

By H1 Collaboration (A. Aktas et al.). DESY-04-038, Mar 2004. 20pp.

Published in Phys.Lett.B588:17,2004

e-Print Archive: hep-ex/0403017

ELECTRON DEUTERON SCATTERING WITH HERA,
A LETTER OF INTENT FOR AN EXPERIMENTAL PROGRAMME WITH THE H1 DETECTOR.
T. Alexopoulos et al.. DESY-03-194, DESY-PRC-03-02, H1-04-03-609, Dec 2003. 97pp.

PHYSICS WITH H1 AT HERA II.

By M. Klein (DESY, Zeuthen),. Sep 2003. 17pp.

Prepared for Ringberg Workshop on New Trends in HERA Physics 2003, Ringberg Castle, Germany, 28 Sep - 3 Oct 2003.

Published in *Tegernsee 2003, New trends in HERA physics* 330-346

MEASUREMENT AND QCD ANALYSIS OF NEUTRAL AND CHARGED CURRENT CROSS-SECTIONS AT HERA.

By H1 Collaboration (C. Adloff et al.). DESY-03-038, Apr 2003. 54pp.

Submitted to Eur.Phys.J.C, e-Print Archive: hep-ex/0304003

STRUCTURE FUNCTIONS AT HERA: STATUS AND FUTURE.

By M. Klein (DESY, Zeuthen). 2003.

Prepared for 6th International Symposium on Radiative Corrections: Application of Quantum Field Theory Phenomenology (RADCOR 2002) and 6th Zeuthen Workshop on Elementary Particle Theory (Loops and Legs in Quantum Field Theory), Kloster Banz, Germany, 8-13 Sep 2002.

Nucl.Phys.Proc.Suppl.116:91-99,2003.

THE FUTURE OF LEPTON NUCLEON SCATTERING: A SUMMARY OF THE DURHAM WORKSHOP, DECEMBER 2001.

By T. Greenshaw (Liverpool U.), M. Klein (DESY, Zeuthen). Apr 2002. 7pp.

Contributed to IPPP Workshop on Future Physics at HERA, Durham, England, 6-7 Dec 2001.

J.Phys.G28:2503-2508,2002, e-Print Archive: hep-ex/0204032

FUTURE LOW X PHYSICS AND FACILITIES.

By M. Klein (DESY, Zeuthen). Dec 2001. 6pp.

Talk given at 31st International Symposium on Multiparticle Dynamics (ISMD 2001), Datong, China, 1-7 Sep 2001.

Published in *Datong 2001, Multiparticle dynamics* 449-454

e-Print Archive: hep-ph/0112333

PHYSICS AND EXPERIMENTATION AT A LINEAR ELECTRON POSITRON COLLIDER. VOL. 4:

THE THERA BOOK. ELECTRON PROTON SCATTERING AT $S^{*(1/2)}$ APPROX. 1-TEV.

By U. Katz, (ed.) (Bonn U. & Erlangen - Nuremberg U., Theorie III), A. Levy, (ed.) (Tel Aviv U.), M. Klein, (ed.), S. Schlenstedt, (ed.) (DESY, Zeuthen).

DESY-01-123, DESY-01-123-F, LC-REV-2001-062, DESY-LC-REV-2001-062, Dec 2001.

415pp.

ON THE RISE OF THE PROTON STRUCTURE FUNCTION $F(2)$ TOWARDS LOW X.

By H1 Collaboration (C. Adloff et al.). DESY-01-104, Aug 2001. 12pp.

Phys.Lett.B520:183-190,2001, e-Print Archive: hep-ex/0108035

FUTURE DEEP INELASTIC SCATTERING WITH HERA AND THERA.

By M. Klein (DESY, Zeuthen). Apr 2001.

Prepared for 9th International Workshop on Deep Inelastic Scattering (DIS 2001), Bologna, Italy, 27 Apr - 1 May 2001.

Published in *Bologna 2001, Deep inelastic scattering* 409-414

TESLA: THE SUPERCONDUCTING ELECTRON POSITRON LINEAR COLLIDER WITH AN INTEGRATED X-RAY LASER LABORATORY. TECHNICAL DESIGN REPORT. PT. 6:

APPENDICES. CHAPTER 2: THERA: ELECTRON PROTON SCATTERING AT $S^{*(1/2)}$

APPROXIMATELY 1-TEV. (H. Abramowicz et al.). DESY-01-011, DESY-2001-011, DESY-01-011FB, DESY-2001-011FB, DESY-TESLA-2001-23, DESY-TESLA-FEL-2001-05, ECFA-2001-209, Mar 2001. 62pp.

DEEP INELASTIC INCLUSIVE E P SCATTERING AT LOW X AND A DETERMINATION OF ALPHA(S).

By H1 Collaboration (C. Adloff et al.). DESY-00-181, Dec 2000. 68pp.

Eur.Phys.J.C21:33-61,2001, e-Print Archive: hep-ex/0012053

THERA: ELECTRON PROTON SCATTERING AT $S^{1/2} = 1\text{-TEV}$.

By M. Klein (DESY, Zeuthen). Apr 2000.

Prepared for 8th International Workshop on Deep Inelastic Scattering and QCD (DIS 2000), Liverpool, England, 25-30 Apr 2000.

Published in *Liverpool 2000, Deep inelastic scattering* 718-726

STRUCTURE FUNCTIONS IN DEEP INELASTIC LEPTON NUCLEON SCATTERING.

By Max Klein (DESY, Zeuthen). Aug 1999. 27pp.

Talk given at 19th International Symposium on Lepton and Photon Interactions at High-Energies (LP 99), Stanford, California, 9-14 Aug 1999.

Published in Int.J.Mod.Phys.A15S1:467-494,2000, eConf C990809:467-494,2000

Also in *Stanford 1999, Lepton and photon interactions at high energies* 467-494, e-Print Archive: hep-ex/0001059

PRECISION MEASUREMENT OF THE INCLUSIVE DEEP INELASTIC E P SCATTERING CROSS-SECTION AT LOW Q^2 .

By H1 Collaboration (M. Klein for the collaboration). 1998.

Prepared for 29th International Conference on High-Energy Physics (ICHEP 98), Vancouver, In *Vancouver 1998, High energy physics, vol. 1* 819-825.

A MEASUREMENT OF THE PROTON STRUCTURE FUNCTION $F_2(X, Q^2)$ AT LOW X AND LOW Q^2 AT HERA.

By H1 Collaboration (C. Adloff et al.). DESY-97-042, Mar 1997. 27pp.

Nucl.Phys.B497:3-30,1997, e-Print Archive: hep-ex/9703012

British Columbia, Canada, 23-29 Jul 1998.

DETERMINATION OF THE LONGITUDINAL PROTON STRUCTURE FUNCTION $F(L)(X, Q^2)$ AT LOW X .

By H1 Collaboration (C. Adloff et al.). DESY-96-236, Nov 1996. 17pp.

Phys.Lett.B393:452-464,1997, e-Print Archive: hep-ex/9611017

THE READOUT SYSTEM OF THE NEW H1 SILICON DETECTORS.

By J. Burger, K. Hansen, W. Lange, S. Pell, W. Zimmermann (DESY), H.

Henschel, M. Klein, P. Kostka, W. Lange, J. Meissner, E. Peppel, G. Sciacca,

K. Stolze, M. Winde (DESY, Zeuthen), D. Clarke, W.J. Haynes, G.W. Noyes

(Rutherford), L. Jonsson (Lund U.), K. Gabathuler, R. Horisberger, M.

Wagener (PSI, Villigen), R. Eichler, W. Erdmann, H. Niggli, D. Pitzl

(Zurich, ETH). DESY-95-049, Mar 1995. 6pp.

Presented at 7th Vienna Wire Chamber Conference (WCC 95): Recent Trends and Alternative Techniques, Vienna, Austria, 13-17 Feb 1995.

Published in Nucl.Instrum.Meth.A367:422-427,1995

MEASUREMENTS OF F2 AND XG AT HERA.

By M.Klein for the H1 and ZEUS Collaborations,
Prepared for 30th Rencontres de Moriond: QCD and High-energy Hadronic Interactions, Meribel les Allues, France, 19-25 Mar 1995.
In *Les Arcs 1995, QCD and high energy hadronic interactions* 109-115.

STRUCTURE FUNCTIONS IN DEEP INELASTIC SCATTERING AT HERA.

By J. Blumlein (DESY), T. Doyle (Glasgow U.), F. Hautmann (Oregon U.), M. Klein (DESY), A. Vogt (Wurzburg U.). Sep 1996. 10pp.
Published in the proceedings of Workshop on Future Physics at HERA, Hamburg, Germany, 25-26 Sep 1995.
In *Hamburg 1995/96, Future physics at HERA* 3-12.
e-Print Archive: hep-ph/9609425

FUTURE MEASUREMENT OF THE LONGITUDINAL PROTON STRUCTURE FUNCTION AT HERA.

By L.A.T. Bauerdick (DESY), A. Glazov, M. Klein (DESY, Zeuthen). Sep 1996., 6pp.
Published in the proceedings of Workshop on Future Physics at HERA, Hamburg, Germany, 25-26 Sep 1995.
In *Hamburg 1995/96, Future physics at HERA* 77-81.
e-Print Archive: hep-ex/9609017

DEEP INELASTIC PHYSICS WITH H1.

By Max Klein (DESY, Zeuthen). DESY-96-218, Oct 1996. 20pp.
Invited talk at International Workshop on Deep Inelastic Scattering and Related Phenomena (DIS 96), Rome, Italy, 15-19 Apr 1996.
Published in DIS 1996:3-22 (QCD162:D41:1996)
e-Print Archive: hep-ph/9610398

DEVELOPMENT OF THE H1 BACKWARD SILICON STRIP DETECTOR.

By W. Eick, H. Henschel, H.H. Kaufmann, M. Klein, P. Kostka, L. Kratzwald, W. Lange, H. Lippold, J. Meissner, T. Naumann, E. Peppel, U. Stosslein, K. Stolze, M. Winde (DESY, Zeuthen), J. Burger, K. Hansen, W. Lange, S. Prell, W. Zimmermann (DESY), M.A. Bullough, N.M. Greenwood, A.D. Lucas, A.M. Newton, C.D. Wilburn (Micron Semiconductor, Lansing), R. Horisberger (PSI, Villigen), D. Pitzl (Zurich, ETH), D. Clarke, W.J. Haynes, G. Noyes (Rutherford). DESY-96-217, Oct 1996. 13pp.
Invited talk at 5th International Workshop on Vertex Detector (Vertex 96), Chia, Italy, 16-21 Jun 1996.
Nucl.Instrum.Meth.A386:81-86,1997

FUTURE PRECISION MEASUREMENTS $F_2(X, Q^2)$, ALPHA-S (Q^2) AND XG (X, Q^2) AT HERA.

By M. Botje (NIKHEF, Amsterdam), M. Klein (DESY, Zeuthen), C. Pascaud (Orsay, LAL). Sep 1996. 20pp.

Talk given at Workshop on Future Physics at HERA Hamburg, Germany, 30-31 May 1996.

In *Hamburg 1995/96, Future physics at HERA* 33-51.

e-Print Archive: hep-ph/9609489

THE H1 DETECTOR AT HERA.

By H1 Collaboration (I. Abt et al.). SLAC-REPRINT-1996-078, Jul 1996.

Nucl.Instrum.Meth.A386:310-347,1997

THE TRACKING, CALORIMETER AND MUON DETECTORS OF THE H1 EXPERIMENT AT HERA.

By H1 Collaboration (I. Abt et al.). SLAC-REPRINT-1996-034, Jul 1996. 49pp.

Nucl.Instrum.Meth.A386:348-396,1997

ON THE ASYMPTOTIC BEHAVIOR OF $F_2(X, Q^2)$.

By A. DeRoeck (DESY), M. Klein, T. Naumann (DESY, Zeuthen). DESY-96-063, Apr 1996. 5pp.

Published in Phys.Lett.B385:411-414,1996 Also in DIS 1996:177-178

(QCD162:D41:1996) Also in *Rome 1996, Deep inelastic scattering and related phenomena* 177-178

e-Print Archive: hep-ph/9605276

A DETERMINATION OF THE LONGITUDINAL PROTON STRUCTURE FUNCTION

$F(L)(X, Q^2)$ AT LOW X AT HERA.

By H1 Collaboration (M. Klein for the collaboration). Apr 1996.

Prepared for International Workshop on Deep Inelastic Scattering and Related Phenomena (DIS 96), Rome, Italy, 15-19 Apr 1996.

Published in *Rome 1996, Deep inelastic scattering and related phenomena* 224-228

A MEASUREMENT AND QCD ANALYSIS OF THE PROTON STRUCTURE FUNCTION $F_2(X, Q^2)$ AT HERA.

By H1 Collaboration (S. Aid et al.). DESY-96-039, Mar 1996. 35pp.

Nucl.Phys.B470:3-40,1996, e-Print Archive: hep-ex/9603004

A DIRECT DETERMINATION OF THE GLUON DENSITY IN THE PROTON AT LOW X.

By H1 Collaboration (S. Aid et al.). DESY-95-086, May 1995. 18pp.

Nucl.Phys.B449:3-24,1995, e-Print Archive: hep-ex/9505014

THE GLUON DENSITY OF THE PROTON AT LOW X FROM A QCD ANALYSIS OF F_2 .

By H1 Collaboration (S. Aid et al.). DESY-95-081, May 1995. 16pp.

Phys.Lett.B354:494-505,1995, e-Print Archive: hep-ex/9506001

A MEASUREMENT OF THE PROTON STRUCTURE FUNCTION $F_2(X, Q^{*2})$.
By H1 Collaboration (T. Ahmed et al.). DESY-95-006, SLAC,-NONUM,-11-94, Jan 1995. 32pp.
Nucl.Phys.B439:471-502,1995, e-Print Archive: hep-ex/9503001

SCALING VIOLATIONS OF THE PROTON STRUCTURE FUNCTION F_2 AT SMALL X .
By H1 Collaboration (I. Abt et al.). DESY-93-146, Oct 1993. 10pp.
Phys.Lett.B321:161-167,1994.

MEASUREMENT OF THE PROTON STRUCTURE FUNCTION $F_2(X, Q^{*2})$ IN THE LOW X REGION AT HERA.
By H1 Collaboration (I. Abt et al.). DESY-93-117, Aug 1993. 20pp.
Nucl.Phys.B407:515-538,1993.

FIRST MEASUREMENTS AT HERA OF DEEP INELASTIC SCATTERING AT LOW X .
By A. De Roeck (DESY), M. Klein (DESY, Zeuthen). DESY-93-014, Feb 1993. 18pp.
Invited talks at Int. Conf. on the Standard Model and Just Beyond, San Miniato, Italy, Jun 1992.
In *San Miniato 1992, Proceedings, The standard model and just beyond* 204-221, and Hamburg DESY - DESY-93-014 (93/02,rec.Feb.) 18 p. (see Conference Index).

A SILICON BACKWARD TRACKING DETECTOR AND TRIGGER FOR THE H1 EXPERIMENT AT THE E P COLLIDER HERA.
By H. Henschel, U. Harder, H.H. Kaufmann, M. Klein, P. Kostka, W. Lange, H. Lippold, J. Meissner, M. Winde (DESY, Zeuthen). DESY-93-002, Jan 1993. 8pp.
Talk given at Nucl. Sci. Symp., Orlando, FL, Oct 26-28, 1992.
Published in IEEE Trans.Nucl.Sci.40:692-698,1993 Also in Nucl.Sci.Symp.1992:0692-698

ON THE CROSS CALIBRATION OF CALORIMETERS AT E P COLLIDERS.
By J. Blumlein, M. Klein (DESY, Zeuthen). DESY-92-148, Nov 1992. 9pp.
Nucl.Instrum.Meth.A329:112-116,1993

OBSERVATION OF DEEP INELASTIC SCATTERING AT LOW X .
By H1 Collaboration (T. Ahmed et al.). DESY-92-164, Nov 1992. 14pp.
Phys.Lett.B299:385-393,1993.

STRUCTURE FUNCTIONS AND QCD TESTS AT HERA.

By J. Blumlein, M. Klein (DESY & DESY, Zeuthen). DESY-92-038, Mar 1992.

13pp.

In *Hamburg 1991, Proceedings, Physics at HERA, vol. 1* 101-113 and Hamburg
DESY - DESY 92-038 (92/03,rec.Mar.) 13 p.

STRUCTURE FUNCTIONS AND LOW Q^2 PHYSICS AT HERA.

By A. De Roeck (Munich, Max Planck Inst.), M. Klein (DESY, Zeuthen).

PHE-91-014, Dec 1991. 24pp.

Invited talks given at Int. Conf. on Hadron Structure, Stara Lesna,
Czechoslovakia, Sep 16-20, 1991.

Published in Stara Lesna Hadron 1991:23-44 (QCD161:I406:1991)

STRIPLINE TRANSMISSION OF DRIFT CHAMBER SIGNALS.

By H. Barwolff, U. Gensch, J. Haak, U. Harder, H. Henschel, M. Klein, P.

Kostka, H. Lippold, J. Meissner, M. Winde (DESY, Zeuthen). PHE-91-07, Jun
1991. 5pp.

STRUCTURE FUNCTIONS: INTRODUCTION.

By J. Engelen (NIKHEF, Amsterdam), M. Klein (DESY, Zeuthen), R. Ruckl
(Munich U. & Munich, Max Planck Inst.). 1991.

In *Hamburg 1991, Proceedings, Physics at HERA, vol. 1* 19-22. (see HIGH
ENERGY PHYSICS INDEX 30 (1992) No. 12988).

ON THE Q^2 , X RANGE AT HERA.

By M. Klein (DESY, Zeuthen). 1991.

In *Hamburg 1991, Proceedings, Physics at HERA, vol. 1* 71-78. (see HIGH
ENERGY PHYSICS INDEX 30 (1992) No. 12988).

DEEP INELASTIC SCATTERING AT HERA.

By M. Klein (DESY, Zeuthen). PHE-90-25, Nov 1990. 18pp.

Invited talks presented at the 4th Topical Seminar on Experimental Apparatus
for High Energy Particle Physics and Astrophysics, San Miniato, Italy, May
28 - Jun 1, 1990 and at the International Triangle Workshop 'From LEP to LHC
and UNK', Dubna, USSR, Oct 1-5, 1990.

Published in San Miniato Apparatus 1990:31-53 (QCD201:S3:1990) Also in Dubna
Triangle Workshop 1990:119-139 (QCD161:I657:1990)

KINEMATICS AND RESOLUTION AT FUTURE E P COLLIDERS.

By J. Blumlein, M. Klein (DESY, Zeuthen). PHE-90-19, Sep 1990. 4pp.

In *Snowmass 1990, Proceedings, Research directions for the decade* 549-551
and Zeuthen Inst. Hochenergiephys. - PHE 90-19 (90,rec.Sep.) 3 p.

RECONSTRUCTION OF DOUBLE HITS FROM DRIFT CHAMBER FADC PULSES.

By H. Barwolff, U. Gensch, U. Harder, H. Henschel, M. Klein, P. Kostka, H. Lippold, J. Meissner, M. Winde (DESY, Zeuthen). PHE-90-01, (Received Apr 1990). 12pp.

Published in Nucl.Instrum.Meth.A294:117-120,1990

KINEMATICS AND RESOLUTION AT LEP X LHC.

By J. Blumlein, J. Feltesse, M. Klein (DESY, Zeuthen & DAPNIA, Saclay).
1990.

In *Aachen 1990, Proceedings, Large Hadron Collider, vol. 2* 830-833. CERN
Geneva - CERN-90-10-B (90/12,rec.Jul.91) 830-833.

A CYLINDRICAL Z-DRIFT CHAMBER FOR H1.

By H. Baerwolff, U. Gensch, U. Harder, H. Henschel, H. Kaufmann, M. Klein,
P. Kostka, H. Lippold, J. Meissner, T. Naumann (DESY, Zeuthen). 1990.

Given at 4th Topical Seminar on Perspectives for Experimental Apparatus for
High-energy Physics and Astrophysics, San Miniato, Italy, 28 May - 1 Jun
1990.

In *San Miniato 1990, Experimental apparatus for high energy particle
physics and astrophysics* 284-293.

TESTING QCD SCALING VIOLATIONS IN THE HERA ENERGY RANGE.

By J. Blumlein, M. Klein (DESY, Zeuthen), G. Ingelman (DESY), R. Ruckl
(Munich U. & Munich, Max Planck Inst.). DESY 89/101, PHE-89-01, Aug 1989.
25pp.

Z.Phys.C45:501,1990

PERFORMANCE OF PROTOTYPES OF THE H1 OUTER Z DRIFT CHAMBER.

By H. Barwolff, U. Gensch, U. Harder, H. Henschel, H. Kaufmann, M. Klein, P.
Kostka, H. Lippold, J. Meissner, T. Naumann, M. Winde (DESY, Zeuthen).
PHE-89-03, Feb 1989. 18pp.

Submitted to 5th Int. Wire Chamber Conf., Vienna, Austria, Feb 13-17, 1989.

Published in Nucl.Instrum.Meth.A283:467-470,1989 Also in Vienna Wire Chamber
1989:0467-470

ON THE POTENTIAL OF HERA TO DETERMINE LAMBDA (QCD) AND XG.

By J. Blumlein, M. Klein, T. Naumann (DESY, Zeuthen). PHE-88-12, May 1988.

14pp.

Extended version of a contribution to 11th Conf. New Theories in Physics, Kazimierz, Poland, May 23-27, 1988.

Published in Warsaw Sympos.1988:228 (QCD161:W3:1988)

DESIGN AND PERFORMANCE OF A FULL SCALE PROTOTYPE OF THE OUTER Z DRIFT CHAMBER FOR THE H1 EXPERIMENT AT HERA.

By H. Barwolff, U. Gensch, C.P. Glasneck, U. Harder, H. Henschel, H.

Kaufmann, M. Klein, P. Kostka, H. Lippold, J. Meissner, T. Naumann, H.

Schiller, M. Winde (DESY, Zeuthen). PHE-88-02, 1988. 52pp.

STRUCTURE FUNCTIONS, QUARK DISTRIBUTIONS AND LAMBDA (QCD) AT HERA.

By J. Blumlein, M. Klein, T. Naumann, T. Riemann (DESY, Zeuthen). PHE-88-01,

Oct 1987. 39pp.

Contribution to Proc. of DESY Theory Workshop on Physics at HERA, Hamburg, West Germany, Oct 12-14, 1987.

Published in DESY HERA Workshop 1987:0067 (QCD161:H15:1987)

TESTING THE ELECTROWEAK STANDARD MODEL AT HERA.

By J. Blumlein, M. Klein, T. Riemann (DESY, Zeuthen). PHE-87-03, (Received Jul 1987). 34pp.

Published in Warsaw Sympos.1987:0039 (QCD161:W3:1987) Also in DESY HERA Workshop 1987:0687 (QCD161:H15:1987)

DEEP INELASTIC POLARIZED LEPTON NUCLEON SCATTERING AT $Q^2 = M(Z)^2$.

By M. Klein, T. Riemann (DESY, Zeuthen). 1987.

In *Smolenice 1983, Proceedings, Hadron Structure '83, Vol. 2*, 411-416.

DEEP INELASTIC PHYSICS AND SIMULATION.

By G. Ingelman, G. Barbagli, M. Bengtsson, J. Bluemlein, P.N. Burrows, A.

Courau, G. D'Agostini, J. Feltesse, J. Field, M. Gluck, M. Klein, D. Luke,

T. Naumann, D. Notz, E. Ros, T. Riemann, R. Ruckl, A. Tenner, H. Ziaeepour

(DESY & Aachen, Tech. Hochsch. & DESY, Zeuthen & Oxford U. & Orsay, LAL & Rome U. & Saclay & Dortmund U. & NIKHEF, Amsterdam). 1987.

In *Hamburg 1987, Proceedings, HERA Workshop, vol. 1* 3-17. (see Conference Index).

THE MEASUREMENT OF ELECTROWEAK PARAMETERS.

By J. Bluemlein, G. Cozzika, O. Gry, D. Haidt, G.D. Heath, G. Ingelman, M.

Klein, E. Paul, T. Riemann. 1987.

In *Hamburg 1987, Proceedings, HERA Workshop, vol. 2* 679-685. (see Conference Index).

A DETERMINATION OF THE LEPTONIC NEUTRAL CURRENT COUPLINGS.

By M. Klein, S. Schlenstedt (DESY, Zeuthen). PHE 85-01, 1985. 15pp.
Published in Z.Phys.C29:235,1985 Also in Warsaw Sympos.1985:101
(QCD161:W3:1985) (*Schlenstedt author in proceedings*)

TEST OF A HIGH RESOLUTION DRIFT CHAMBER PROTOTYPE.

By V. Commichau, M. Deutschmann, K.J. Draheim, P. Fritze, K. Hangarter, P. Hawelka, U. Hertgen, M. Tonutti (Aachen, Tech. Hochsch.), U. Biermann, E. Roderburg, A.H. Walenta (Siegen U.), H. Anderhub, J. Fehlmann, H. Hofer, M. Klein, J.A. Paradiso, J. Schreiber, G. Viertel (Zurich, ETH). DESY 84/049, Jun 1984. 38pp.
Contribution to Topical Seminar on Perspectives for Experimental Apparatus at Future High Energy Machines, Florence, Italy, May 21-25, 1984.
Published in Nucl.Instrum.Meth.A235:267-278,1985 Also in San Miniato Apparatus 1984:267 (QCD201:T65:1984) (or see above page in: Nucl.Instr.Meth.A235,1985)

INTERFERENCE OF ELECTROMAGNETIC AND WEAK INTERACTIONS AT HIGH HIGH-ENERGIES AND NEUTRAL CURRENT MUON UNIVERSALITY.

By M. Klein (DESY, Zeuthen). PHE 84-01, 1984. 104pp.
Fortsch.Phys.33:375,1985

MEASUREMENT OF THE INTERFERENCE STRUCTURE FUNCTION $XG(3)(X)$ IN MUON - NUCLEON SCATTERING.

By BCDMS Collaboration (A. Argento et al.)
CERN-EP/83-204, JINR-E1-84-30, Dec 1983. 5pp.
Phys.Lett.B140:142,1984.

ELECTROWEAK INTERACTIONS PROBING THE NUCLEON STRUCTURE.

By M. Klein, T. Riemann (DESY, Zeuthen). PHE 83-08, 1983. 20pp.
Z.Phys.C24:151,1984.

ELECTROWEAK ASYMMETRY IN DEEP INELASTIC MUON - NUCLEON SCATTERING.

By BCDMS Collaboration (A. Argento et al.)
CERN-EP/82-149, Sep 1982. 15pp.
Phys.Lett.B120:245,1983.

EXPERIMENTAL SETUP AND MAIN RESULTS OF THE EXPERIMENT NA-4: DEEP INELASTIC MUON SCATTERING AND INVESTIGATION OF MULTI - MUON STATES. (In Russian)

By BOLOGNA-CERN-DUBNA-MUNICH-SACLAY COLLABORATION (N.G. Fadeev et al.). 1982.
In *Dubna 1982, Proceedings, Investigations In The Field Of Relativistic Nuclear Physics*, 47-53.

A MEASUREMENT OF THE NUCLEON STRUCTURE FUNCTION FROM MUON CARBON DEEP INELASTIC SCATTERING AT HIGH Q^2 .
By BCDMS Collaboration (D. Bollini et al.)
CERN-EP/81-58, Jun 1981. 15pp.
Phys.Lett.B104:403,1981

DEEP INELASTIC MUON - NUCLEON SCATTERING AT HIGH Q^2 .
By BCDMS COLLABORATION (D. Bollini et al.). CERN-EP/80-133, Jul 1980. 15pp.
Presented at 20th Int. Conf. on High Energy Physics, Madison, Wisc., Jul 17-23, 1980.
Published in Madison H.E. Physics 1980:773 (QCD161:H51:1980) (*Presented by Klein in proceedings*)

A JET MODEL STUDY OF CORRELATIONS IN HADRON HADRON REACTIONS DUE TO RESONANCE PRODUCTION.
By K.J. Biebl, M. Klein, R. Nahnauer (DESY, Zeuthen). 1980. 50pp.
Fortsch.Phys.28:123-172,1980

POSSIBILITIES TO TEST QCD IN DEEP INELASTIC MUON SCATTERING AT LARGE Q^2 .
By M. Klein, I.A. Savin, J. Zacek (Dubna, JINR). JINR-E1-12644, Jul 1979. 8pp.

WEAK NEUTRAL CURRENT COUPLINGS OF MUONS.
By M. Klein (Dubna, JINR), T. Riemann (DESY, Zeuthen), I.A. Savin (Dubna, JINR). JINR-E1-12451, May 1979. 9pp.
Phys.Lett.B85:385,1979.

WEAK NEUTRAL CURRENTS IN ELASTIC MUON - NUCLEON SCATTERING.
By M. Klein, T. Riemann (DESY, Zeuthen). PHE-79-11, 1979. 18pp.
Z.Phys.C8:239,1981.

MUON INDUCED WEAK NEUTRAL CURRENTS.
By M. Klein (CERN & Dubna, JINR). 1979.
Lecture at Kupari School,
Preprint - KLEIN, M. (79,REC.MAR 80) 42p.

EXTRAPOLATION OF DEEP INELASTIC LEPTON - NUCLEON CROSS-SECTIONS TO SPS ENERGIES.
By M. Klein, W.-D. Nowak (Dubna, JINR). JINR-E1-11542, Mar 1978. 13pp.

DEEP INELASTIC MUON SCATTERING AS A TEST OF GAUGE THEORIES.

By M. Klein, T. Riemann (Dubna, JINR). JINR-E2-11271, Jan 1978. 11pp.
Phys.Lett.B76:79-82,1978.

WEAK NEUTRAL CURRENT COUPLINGS OF LEPTONS AND DEEP INELASTIC MUON SCATTERING.

By M. Klein, T. Riemann (DESY, Zeuthen). PHE 78-10, 1978. 8pp.

RESONANCE PRODUCTION AND CORRELATIONS OF NEUTRAL AND CHARGED PIONS.

By K.J. Biebl, M. Klein, R. Nahnauer (DESY, Zeuthen). 1978.
Annalen Phys.35:161-174,1978.

THE EFFECT OF RESONANCE PRODUCTION ON ANGULAR CORRELATIONS.

By Aachen-Berlin-Bonn-CERN-Cracow-Heidelberg-Warsaw Collaboration (J. Bartke et al.). PHE-77-7, 1977. 26pp.
Nucl.Phys.B127:269,1977.

A CORRELATED JET MODEL DESCRIPTION OF THE REACTION $\pi^+ p \rightarrow p^3 \pi^+ 2 \pi^-$ AT 8-GEV/C AND 16-GEV/C.

By K.J. Biebl, M. Klein, R. Nahnauer, H. Schiller (DESY, Zeuthen).
PHE-75-3, 1975. 39pp.
Nucl.Phys.B102:120,1976

CORRELATIONS OF NEUTRAL AND CHARGED PIONS AND RHO PRODUCTION IN THE CORRELATED JET MODEL.

By K.J. Biebl, M. Klein, R. Nahnauer (DESY, Zeuthen). PHE 75-10, 1975.
36pp.

CORRELATIONS IN PROCESSES OF MULTIPLE PARTICLE PRODUCTION AND STATISTICAL MODEL WITH ACCOUNT OF TWO PARTICLE CORRELATIONS. (TALK, IN RUSSIAN).

By K. Biebl, M. Klein, R. Nahnauer, H. Schiller (DESY, Zeuthen). 1975.
In *Dubna 1975, Proceedings, Seminar On High Energy Physics Problems*, Dubna 1975, 136-152.

THE ENERGY-ANGLE DISTRIBUTION OF HEAVY PARTICLES PENETRATING SOLIDS.

By M. Klein, L. Meyer, R. Wedell. 1977
Physics Status Solidi.83:451(1977).

Further publications

Search for supersymmetry in final states with jets, missing transverse momentum and one isolated lepton in $\sqrt{s} = 7$ TeV pp collisions using 1 fb⁻¹ of ATLAS data
By ATLAS Collaboration (Georges Aad et al.) .arXiv:1109.6606 [hep-ex].

Search for squarks and gluinos using final states with jets and missing transverse momentum with the ATLAS detector in $\sqrt{s} = 7$ TeV proton-proton collisions
By ATLAS Collaboration (Georges Aad et al.).arXiv:1109.6572 [hep-ex].

Measurement of the Transverse Momentum Distribution of W Bosons in pp Collisions at $\sqrt{s} = 7$ TeV with the ATLAS Detector
By ATLAS Collaboration (Georges Aad et al.).arXiv:1108.6308 [hep-ex].

Search for New Physics in the Dijet Mass Distribution using 1 fb⁻¹ of pp Collision Data at $\sqrt{s} = 7$ TeV collected by the ATLAS Detector
By ATLAS Collaboration (Georges Aad et al.).arXiv:1108.6311 [hep-ex].

Measurements of the electron and muon inclusive cross-sections in proton-proton collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector
By ATLAS Collaboration (Georges Aad et al.).arXiv:1109.0525 [hep-ex].

Measurement of the cross section for the production of a W boson in association with b-jets in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector
By ATLAS Collaboration (Georges Aad et al.).arXiv:1109.1470 [hep-ex].

Measurement of the cross-section for b-jets produced in association with a Z boson at $\sqrt{s}=7$ TeV with the ATLAS detector
By ATLAS Collaboration (Georges Aad et al.).arXiv:1109.1403 [hep-ex].

Search for displaced vertices arising from decays of new heavy particles in 7 TeV pp collisions at ATLAS
By ATLAS Collaboration (Georges Aad et al.).arXiv:1109.2242 [hep-ex].

Search for New Phenomena in ttbar Events With Large Missing Transverse Momentum in Proton-Proton Collisions at $\sqrt{s} = 7$ TeV with the ATLAS Detector
By ATLAS Collaboration (Georges Aad et al.).arXiv:1109.4725 [hep-ex].

Measurement of the jet fragmentation function and transverse profile in proton-proton collisions at a center-of-mass energy of 7 TeV with the ATLAS detector
By ATLAS Collaboration (Georges Aad et al.).arXiv:1109.5816 [hep-ex].127)

Search for the Standard Model Higgs boson in the decay channel $H \rightarrow ZZ^{(*)} \rightarrow 4l$ with the ATLAS detector
By ATLAS Collaboration (Georges Aad et al.).arXiv:1109.5945 [hep-ex].

Measurement of the inclusive isolated prompt photon cross-section in pp collisions at $\sqrt{s} = 7$ TeV using 35 pb⁻¹ of ATLAS data
By ATLAS Collaboration (Georges Aad et al.).arXiv:1108.0253 [hep-ex].

Inclusive search for same-sign dilepton signatures in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector
By ATLAS Collaboration (Georges Aad et al.).arXiv:1108.0366 [hep-ex].

Search for a heavy gauge boson decaying to a charged lepton and a neutrino in 1 fb⁻¹ of pp collisions at $\sqrt{s} = 7$ TeV using the ATLAS detector
By ATLAS Collaboration (Georges Aad et al.).arXiv:1108.1316 [hep-ex].

Search for dilepton resonances in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector
By ATLAS Collaboration (Georges Aad et al.) .arXiv:1108.1582 [hep-ex].

Measurement of the Z to tau tau Cross Section with the ATLAS Detector
By ATLAS Collaboration (Georges Aad et al.).arXiv:1108.2016 [hep-ex]

Measurement of the top quark pair production cross section in pp collisions at $\sqrt{s} = 7$ TeV in dilepton final states with ATLAS
By ATLAS Collaboration (Georges Aad et al.).arXiv:1108.3699 [hep-ex].

Measurement of the W to tau nu Cross Section in pp Collisions at $\sqrt{s} = 7$ TeV with the ATLAS experiment
By ATLAS Collaboration (Georges Aad et al.).arXiv:1108.4101 [hep-ex].

A measurement of the ratio of the W and Z cross sections with exactly one associated jet in pp collisions at $\sqrt{s} = 7$ TeV with ATLAS
By ATLAS Collaboration (Georges Aad et al.).arXiv:1108.4908 [hep-ex].

Search for a heavy Standard Model Higgs boson in the channel $H \rightarrow ZZ \rightarrow 4q$ using the ATLAS detector
By ATLAS Collaboration (Georges Aad et al.).arXiv:1108.5064 [hep-ex].

Performance of Missing Transverse Momentum Reconstruction in Proton-Proton Collisions at 7 TeV with ATLAS
By ATLAS Collaboration (Georges Aad et al.).arXiv:1108.5602 [hep-ex].

Measurement of the Upsilon(1S) Production Cross-Section in pp Collisions at $\sqrt{s} = 7$ TeV in ATLAS

By ATLAS Collaboration (Georges Aad et al.).arXiv:1106.5325 [hep-ex].

Measurement of Photon Production in the Very Forward Direction in Deep-Inelastic Scattering at HERA

By H1 Collaboration (F.D. Aaron et al.).arXiv:1106.5944 [hep-ex].

Measurement of the isolated di-photon cross-section in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector

By ATLAS Collaboration (Georges Aad et al.).arXiv:1107.0581 [hep-ex].

Search for Diphoton Events with Large Missing Transverse Energy with 30 pb^{-1} of 7 TeV Proton-Proton Collision Data with the ATLAS Detector

By ATLAS Collaboration (Georges Aad et al.).arXiv:1107.0561 [hep-ex].

Measurement of dijet production with a veto on additional central jet activity in pp collisions at $\sqrt{s}=7$ TeV using the ATLAS detector

By ATLAS Collaboration (Georges Aad et al.).arXiv:1107.1641 [hep-ex].

Measurement of the transverse momentum distribution of Z/γ^* bosons in proton-proton collisions at $\sqrt{s}=7$ TeV with the ATLAS detector

By ATLAS Collaboration (Georges Aad et al.).arXiv:1107.2381 [hep-ex].

Search for lepton flavour violation at HERA

By H1 Collaboration (F.D. Aaron et al.).Phys.Lett. B701 (2011) 20-30.

Properties of jets measured from tracks in proton-proton collisions at center-of-mass energy $\sqrt{s} = 7$ TeV with the ATLAS detector

By ATLAS Collaboration (Georges Aad et al.).arXiv:1107.3311 [hep-ex].

Search for neutral MSSM Higgs bosons decaying to $\tau^+ \tau^-$ pairs in proton-proton collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector

By ATLAS Collaboration (Georges Aad et al.).arXiv:1107.5003 [hep-ex].

Limits on the production of the Standard Model Higgs Boson in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector

By ATLAS Collaboration (Georges Aad et al.).arXiv:1106.2748 [hep-ex].

Search for Heavy Long-Lived Charged Particles with the ATLAS detector in pp collisions at $\sqrt{s} = 7$ TeV
By ATLAS Collaboration (Georges Aad et al.)
arXiv:1106.4495 [hep-ex].Phys.Lett. B703 (2011) 428-446.

Search for new phenomena with the monojet and missing transverse momentum signature using the ATLAS detector in $\sqrt{s} = 7$ TeV proton-proton collisions
By ATLAS Collaboration (Georges Aad et al.) arXiv:1106.5327 [hep-ex].

Search for an excess of events with an identical flavour lepton pair and significant missing transverse momentum in $\sqrt{s} = 7$ TeV proton-proton collisions with the ATLAS detector
By ATLAS Collaboration (Georges Aad et al.)
arXiv:1103.6208 [hep-ex].Eur.Phys.J. C71 (2011) 1647-87)

Measurement of the Inelastic Proton-Proton Cross-Section at $\sqrt{s}=7$ TeV with the ATLAS Detector
By ATLAS Collaboration (Georges Aad et al.) arXiv:1104.0326 [hep-ex].88)

Measurement of the differential cross-sections of inclusive, prompt and non-prompt J/ψ production in proton-proton collisions at $\sqrt{s} = 7$ TeV
By ATLAS Collaboration (Georges Aad et al.)
arXiv:1104.3038 [hep-ex].Nucl.Phys. B850 (2011) 387-444.90)

Search for pair production of first or second generation leptoquarks in proton-proton collisions at $\sqrt{s}=7$ TeV using the ATLAS detector at the LHC
By ATLAS Collaboration (Georges Aad et al.) arXiv:1104.4481 [hep-ex].

Search for Contact Interactions in Dimuon Events from pp Collisions at $\sqrt{s} = 7$ TeV with the ATLAS Detector
By ATLAS Collaboration (Georges Aad et al.) arXiv:1104.4398 [hep-ex].

Measurement of the WW cross section in $\sqrt{s} = 7$ TeV pp collisions with ATLAS
By ATLAS Collaboration (Georges Aad et al.) arXiv:1104.5225 [hep-ex].

Measurement of $D^{\ast\pm}$ Meson Production and Determination of F_2^{ccbar} at low Q^2 in Deep-Inelastic Scattering at HERA
By H1 Collaboration (F.D. Aaron et al.) arXiv:1106.1028 [hep-ex].

Measurement of W and Z production in proton-proton collisions at $\sqrt{s}=7$ TeV with the ATLAS Detector
By ATLAS Collaboration (Georges Aad et al.) arXiv:1106.1592 [hep-ex].

Measurements of underlying-event properties using neutral and charged particles in pp collisions at 900 GeV and 7 TeV with the ATLAS detector at the LHC
By ATLAS Collaboration (Georges Aad et al.)
arXiv:1103.1816 [hep-ex].Eur.Phys.J. C71 (2011) 1636.79)

Search for stable hadronising squarks and gluinos with the ATLAS experiment at the LHC
By ATLAS Collaboration (Georges Aad et al.)
arXiv:1103.1984 [hep-ex].Phys.Lett. B701 (2011) 1-19.80)

Measurement of the Muon Charge Asymmetry from W Bosons Produced in pp Collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector
By ATLAS Collaboration (Georges Aad et al.)
arXiv:1103.2929 [hep-ex].Phys. Lett. B 701 (2011) 31-49.81)

Search for New Physics in Dijet Mass and Angular Distributions in pp Collisions at $\sqrt{s} = 7$ TeV Measured with the ATLAS Detector
By ATLAS Collaboration (Georges Aad et al.)
arXiv:1103.3864 [hep-ex].New J.Phys. 13 (2011) 053044.82)

Search for supersymmetry in pp collisions at $\sqrt{s} = 7$ TeV in final states with missing transverse momentum and b-jets
By ATLAS Collaboration (Georges Aad et al.) arXiv:1103.4344 [hep-ex].

Search for a heavy particle decaying into an electron and a muon with the ATLAS detector in $\sqrt{s}=7$ TeV pp collisions at the LHC
By ATLAS Collaboration (Georges Aad et al.).arXiv:1103.5559 [hep-ex].84)

Search for high mass dilepton resonances in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS experiment
By ATLAS Collaboration (Georges Aad et al.).
arXiv:1103.6218 [hep-ex].Phys.Lett. B700 (2011) 163-180.

Search for supersymmetric particles in events with lepton pairs and large missing transverse momentum in $\sqrt{s}=7$ TeV proton-proton collisions with the ATLAS experiment
By ATLAS Collaboration (Georges Aad et al.).arXiv:1103.6214 [hep-ex].

Measurement of the production cross section for W-bosons in association with jets in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector
By ATLAS Collaboration (Georges Aad et al.)
arXiv:1012.5382 [hep-ex].Phys.Lett. B698 (2011) 325-345.

Study of Jet Shapes in Inclusive Jet Production in pp Collisions at $\sqrt{s} = 7$ TeV using the ATLAS Detector
By Atlas Collaboration (Georges Aad et al.)
arXiv:1101.0070 [hep-ex].Phys.Rev. D83 (2011) 052003.

Luminosity Determination in pp Collisions at $\sqrt{s}=7$ TeV Using the ATLAS Detector at the LHC
By ATLAS Collaboration (Georges Aad et al.)
arXiv:1101.2185 [hep-ex].Eur.Phys.J. C71 (2011) 1630.

Search for Massive Long-lived Highly Ionising Particles with the ATLAS Detector at the LHC
By ATLAS Collaboration (Georges Aad et al.)
arXiv:1102.0459 [hep-ex].Phys.Lett. B698 (2011) 353-370.

Search for supersymmetry using final states with one lepton, jets, and missing transverse momentum with the ATLAS detector in $\sqrt{s} = 7$ TeV pp
By Atlas Collaboration (Georges Aad et al.)
arXiv:1102.2357 [hep-ex].Phys.Rev.Lett. 106 (2011) 131802.

Measurement of Dijet Azimuthal Decorrelations in pp Collisions at $\sqrt{s}=7$ TeV
By ATLAS Collaboration (Georges Aad et al.)
arXiv:1102.2696 [hep-ex].Phys. Rev. Lett. 106 (2011) 172002.

Search for squarks and gluinos using final states with jets and missing transverse momentum with the ATLAS detector in $\sqrt{s} = 7$ TeV proton-proton collisions
By Atlas Collaboration (Georges Aad et al.)
arXiv:1102.5290 [hep-ex].Phys.Lett. B701 (2011) 186-203.

Search for high-mass states with one lepton plus missing transverse momentum in proton-proton collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector
By ATLAS Collaboration (Georges Aad et al.)
arXiv:1103.1391 [hep-ex].Phys.Lett. B701 (2011) 50-69.

Measurement of the inclusive isolated prompt photon cross section in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector
By Atlas Collaboration (Georges Aad et al.)
arXiv:1012.4389 [hep-ex].Phys.Rev. D83 (2011) 052005.

Measurement of the centrality dependence of J/ψ yields and observation of Z production in lead-lead collisions with the ATLAS detector at the LHC
By Atlas Collaboration (Georges Aad et al.)
arXiv:1012.5419 [hep-ex].Phys.Lett. B697 (2011) 294-312.

Search for Squarks in R-parity Violating Supersymmetry in ep Collisions at HERA
By H1 Collaboration (F.D. Aaron et al.)
arXiv:1011.6359 [hep-ex].Eur.Phys.J. C71 (2011) 1572.62)

Observation of a Centrality-Dependent Dijet Asymmetry in Lead-Lead Collisions at $\sqrt{S(NN)} = 2.76$ TeV with the ATLAS Detector at the LHC
By Atlas Collaboration (Georges Aad et al.)
arXiv:1011.6182 [hep-ex].Phys.Rev.Lett. 105 (2010) 252303.

Measurement of underlying event characteristics using charged particles in pp collisions at $\sqrt{s} = 900$ GeV and 7 TeV with the ATLAS detector
By Atlas Collaboration (Georges Aad et al.)
arXiv:1012.0791 [hep-ex].Phys. Rev. D 83 (2011) 112001.64)

Measurement of the top quark-pair production cross section with ATLAS in pp collisions at $\sqrt{s} = 7$ TeV
By Atlas Collaboration (Georges Aad et al.)
arXiv:1012.1792 [hep-ex].Eur.Phys.J. C71 (2011) 1577.

Search for Diphoton Events with Large Missing Transverse Energy in 7 TeV Proton-Proton Collisions with the ATLAS Detector
By ATLAS Collaboration (Georges Aad et al.)
arXiv:1012.4272 [hep-ex].Phys.Rev.Lett. 106 (2011) 121803.

Charged-particle multiplicities in pp interactions measured with the ATLAS detector at the LHC
By ATLAS Collaboration (Georges Aad et al.)
arXiv:1012.5104 [hep-ex].New J.Phys. 13 (2011) 053033.

Studies of the performance of the ATLAS detector using cosmic-ray muons
By The ATLAS Collaboration (G. Aad et al.)
arXiv:1011.6665 [physics.ins-det].Eur.Phys.J. C71 (2011) 1593.

Measurement of inclusive jet and dijet cross sections in proton-proton collisions at 7 TeV centre-of-mass energy with the ATLAS detector
By Atlas Collaboration (Georges Aad et al.)
arXiv:1009.5908 [hep-ex].Eur.Phys.J. C71 (2011) 1512.56)

Search for Quark Contact Interactions in Dijet Angular Distributions in pp Collisions at $\sqrt{s} = 7$ TeV Measured with the ATLAS Detector
By ATLAS Collaboration (Georges Aad et al.)
arXiv:1009.5069 [hep-ex].Phys.Lett. B694 (2011) 327-345.57)

Measurement of the cross section for diffractive deep-inelastic scattering with a leading proton at HERA
By H1 Collaboration (F.D. Aaron et al.)
arXiv:1010.1476 [hep-ex].Eur.Phys.J. C71 (2011) 1578.58)

Measurement of the $W \rightarrow l\nu$ and $Z/\gamma^* \rightarrow ll$ production cross sections in proton-proton collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector
By Atlas Collaboration (Georges Aad et al.)
arXiv:1010.2130 [hep-ex].JHEP 1012 (2010) 060.

Readiness of the ATLAS Tile Calorimeter for LHC collisions
By ATLAS Collaboration (Georges Aad et al.)
arXiv:1007.5423 [physics.ins-det].Eur.Phys.J. C70 (2010) 1193-1236.43)

Measurement of Charm and Beauty Jets in Deep Inelastic Scattering at HERA
By H1 Collaboration (F.D. Aaron et al.)
arXiv:1008.1731 [hep-ex].Eur.Phys.J. C71 (2011) 1509.44)

Search for New Particles in Two-Jet Final States in 7 TeV Proton-Proton Collisions with the ATLAS Detector at the LHC
By ATLAS Collaboration (Georges Aad et al.)
arXiv:1008.2461 [hep-ex].Phys.Rev.Lett. 105 (2010) 161801.

Inelastic Production of J/ψ Mesons in Photoproduction and Deep Inelastic Scattering at HERA
By H1 Collaboration (F.D. Aaron et al.)
arXiv:1002.0234 [hep-ex].Eur.Phys.J. C68 (2010) 401-420.

Commissioning of the ATLAS Muon Spectrometer with Cosmic Rays
By ATLAS Collaboration (Georges Aad et al.)
arXiv:1006.4384 [physics.ins-det].Eur.Phys.J. C70 (2010) 875-916.41)

LHeC and eRHICBy eRHIC and LHeC Collaboration (Vladimir N. Litvinenko et al.).
PoS EPS-HEP2009 (2009) 141.

The ATLAS Inner Detector commissioning and calibration
By ATLAS Collaboration (G. Aad et al.)
arXiv:1004.5293 [physics.ins-det].Eur.Phys.J. C70 (2010) 787-821.37)

The ATLAS Simulation Infrastructur
By ATLAS Collaboration (Georges Aad et al.)
arXiv:1005.4568 [physics.ins-det].Eur.Phys.J. C70 (2010) 823-874.38)

Performance of the ATLAS Detector using First Collision Data
By Atlas Collaboration (G Aad et al.)
arXiv:1005.5254 [hep-ex].JHEP 1009 (2010) 056.39)

Diffraction Dijet Photoproduction in ep Collisions at HERA
By H1 Collaboration (F.D. Aaron et al.)
arXiv:1006.0946 [hep-ex].Eur.Phys.J. C70 (2010) 15-37.

Drift Time Measurement in the ATLAS Liquid Argon Electromagnetic Calorimeter
using Cosmic Muons
By ATLAS Collaboration (G Aad et al.)
arXiv:1002.4189 [physics.ins-det].Eur.Phys.J. C70 (2010) 755-785.34)

Charged-particle multiplicities in pp interactions at $\sqrt{s} = 900$ GeV measured with
the ATLAS detector at the LHC
By ATLAS Collaboration (G. Aad et al.)
arXiv:1003.3124 [hep-ex].Phys.Lett. B688 (2010) 21-42.

Measurement of Leading Neutron Production in Deep-Inelastic Scattering at HERA
By H1 Collaboration (F.D. Aaron et al.)
arXiv:1001.0532 [hep-ex].Eur.Phys.J. C68 (2010) 381-399.31)

Inelastic Production of J/psi Mesons in Photoproduction and Deep Inelastic
Scattering at HERA
By H1 Collaboration (F.D. Aaron et al.)
arXiv:1002.0234 [hep-ex].Eur.Phys.J. C68 (2010) 401-420.

Measurement of the D^{*+} - Meson Production Cross Section and $F(2)^{**}(c\bar{c})$, at High Q^{*2} , in ep Scattering at HERA
By H1 Collaboration (F.D. Aaron et al.).
arXiv:0911.3989 [hep-ex].Phys.Lett. B686 (2010) 91-100.

Jet Production in ep Collisions at Low Q^{*2} and Determination of $\alpha(s)$
By H1 Collaboration (F.D. Aaron et al.)
arXiv:0911.5678 [hep-ex].Eur.Phys.J. C67 (2010) 1-24.29)

Readiness of the ATLAS Liquid Argon Calorimeter for LHC Collisions
By ATLAS Collaboration (G Aad et al.).
arXiv:0912.2642 [physics.ins-det].Eur.Phys.J. C70 (2010) 723-753.30)

Prompt Photons in Photoproduction at HERA
By H1 Collaboration (F.D. Aaron et al.)
arXiv:0910.5631 [hep-ex].Eur.Phys.J. C66 (2010) 17-33.23)

Diffraction Electroproduction of rho and phi Mesons at HERA
By H1 Collaboration (F.D. Aaron et al.)
arXiv:0910.5831 [hep-ex].JHEP 1005 (2010) 032.24)

Events with an Isolated Lepton and Missing Transverse Momentum and Measurement of W Production at HERA
By H1 and ZEUS Collaboration (F.D. Aaron et al.)
arXiv:0911.0858 [hep-ex].JHEP 1003 (2010) 035.

Search for Single Top Quark Production at HERA.
By H1 Collaboration (F.D. Aaron et al.). DESY-09-050, Apr 2009. 22pp.
Published in Phys.Lett.B678:450-458,2009.
e-Print: arXiv:0904.3876 [hep-ex]

Jet Production in ep Collisions at High Q^{*2} and Determination of $\alpha(s)$.
By H1 Collaboration (F.D. Aaron et al.). DESY-09-032, Apr 2009. 34pp.
e-Print: arXiv:0904.3870 [hep-ex]

Search for Excited Quarks in ep Collisions at HERA.
By H1 Collaboration (F.D. Aaron et al.). DESY-09-040, Mar 2009. 19pp.
Published in Phys.Lett.B678:335-343,2009.
e-Print: arXiv:0904.3392 [hep-ex]

Diffraction Electroproduction of rho and phi Mesons at HERA

By H1 Collaboration (F.D. Aaron et al.)

arXiv:0910.5831 [hep-ex].JHEP 1005 (2010) 032

Prompt Photons in Photoproduction at HERA

By H1 Collaboration (F.D. Aaron et al.)

arXiv:0910.5631 [hep-ex].Eur.Phys.J. C66 (2010) 17-33

Measurement of the Charm and Beauty Structure Functions using the H1 Vertex Detector at HERA

By H1 Collaboration (F.D. Aaron et al.)

arXiv:0907.2643 [hep-ex].Eur.Phys.J. C65 (2010) 89-109.

Observation of the Hadronic Final State Charge Asymmetry in High Q^2 Deep-Inelastic Scattering at HERA

By H1 Collaboration (F.D. Aaron et al.)

arXiv:0907.2666 [hep-ex].Phys.Lett. B681 (2009) 125-133.

Multi-Leptons with High Transverse Momentum at HERA

By H1 and ZEUS Collaboration (F.D. Aaron et al.)

arXiv:0907.3627 [hep-ex].JHEP 0910 (2009) 013.

Deeply Virtual Compton Scattering and its Beam Charge Asymmetry in e^+e^- Collisions at HERA

By H1 Collaboration (F.D. Aaron et al.)

arXiv:0907.5289 [hep-ex].Phys.Lett. B681 (2009) 391-399.

Search for Single Top Quark Production at HERA.

By H1 Collaboration (F.D. Aaron et al.). DESY-09-050, Apr 2009. 22pp.

Published in Phys.Lett.B678:450-458,2009.

e-Print: arXiv:0904.3876 [hep-ex]

Jet Production in ep Collisions at High Q^2 and Determination of $\alpha(s)$.

By H1 Collaboration (F.D. Aaron et al.). DESY-09-032, Apr 2009. 34pp.

e-Print: arXiv:0904.3870 [hep-ex]

Search for Excited Quarks in ep Collisions at HERA.

By H1 Collaboration (F.D. Aaron et al.). DESY-09-040, Mar 2009. 19pp.

Published in Phys.Lett.B678:335-343,2009.

e-Print: arXiv:0904.3392 [hep-ex]

A General Search for New Phenomena at HERA.
By H1 Collaboration (F.D. Aaron et al.). DESY-08-173, Dec 2008. 24pp.
Published in Phys.Lett.B674:257-268,2009.
e-Print: arXiv:0901.0507 [hep-ex]

Events with Isolated Leptons and Missing Transverse Momentum and Measurement of W Production at HERA.
By H1 Collaboration (F.D. Aaron et al.). DESY-08-170, Jan 2009. 41pp.
e-Print: arXiv:0901.0488 [hep-ex]

Inclusive Photoproduction of ρ^0 , K^*0 and ϕ Mesons at HERA.
By H1 Collaboration (F.D. Aaron et al.). DESY-08-172, Feb 2009. 19pp.
Published in Phys.Lett.B673:119-126,2009.
e-Print: arXiv:0901.0477 [hep-ex]

Strangeness Production at low Q^2 in Deep-Inelastic ep Scattering at HERA.
By H1 Collaboration (F.D. Aaron et al.). DESY-08-095, Apr 2009. 35pp.
Published in Eur.Phys.J.C61:185-205,2009.
e-Print: arXiv:0810.4036 [hep-ex]

Measurement of Diffractive Scattering of Photons with Large Momentum Transfer at HERA.
By H1 Collaboration (F.D. Aaron et al.). DESY-08-077, Oct 2008. 17pp.
Published in Phys.Lett.B672:219-226,2009.
e-Print: arXiv:0810.3096 [hep-ex]

What HERA may provide?
Hannes Jung et al. DESY-08-125, Sep 2008. 21pp.
Contributed to 16th International Workshop on Deep Inelastic Scattering and Related Subjects (DIS 2008), London, Engla\$
Published in *London 2008, Deep inelastic scattering* 17
e-Print: arXiv:0809.0549 [hep-ph]

Linac-LHC ep Collider Options.
F. Zimmermann et al. EPAC08-WEPP154, Jun 25, 2008. 3pp.
In the Proceedings of 11th European Particle Accelerator Conference (EPAC 08), Magazzini del Cotone, Genoa, Italy, 23-27 Jun 2008, pp WEPP154.

A Storage Ring Based Option for the LHeC.
F.J. Willeke et al. EPAC08-WEPP052, Jun 25, 2008. 3pp.
In the Proceedings of 11th European Particle Accelerator Conference (EPAC 08), Magazzini del Cotone, Genoa, Italy, 23-27 Jun 2008, pp WEPP052.

Prospects for a Large Hadron Electron Collider (LHeC) at the LHC.
M. Klein et al. EPAC08-WEOAG01, Jun 25, 2008. 3pp.
In the Proceedings of 11th European Particle Accelerator Conference (EPAC 08),
Magazzini del Cotone, Genoa, Italy, 23-27 Jun 2008, pp WEOAG01.

Study of Charm Fragmentation into D^{*+} - Mesons in Deep-Inelastic Scattering at HERA.
By H1 Collaboration (F.D. Aaron et al.). DESY-08-080, Jul 2008. 33pp.
Published in Eur.Phys.J.C59:589-606,2009.
e-Print: arXiv:0808.1003 [hep-ex]

Multi-Lepton Production at High Transverse Momenta in ep Collisions at HERA.
By H1 Collaboration (F.D. Aaron et al.). DESY-08-065, Jun 2008. 18pp.
Published in Phys.Lett.B668:268-276,2008.
e-Print: arXiv:0806.3987 [hep-ex]

Search for Excited Electrons in ep Collisions at HERA.
By H1 Collaboration (F.D. Aaron et al.). DESY-08-052, May 2008. 19pp.
Published in Phys.Lett.B666:131-139,2008.
e-Print: arXiv:0805.4530 [hep-ex]

A Search for Excited Neutrinos in e- p Collisions at HERA.
By H1 Collaboration (F.D. Aaron et al.). DESY-08-009, Jan 2008. 19pp.
Published in Phys.Lett.B663:382-389,2008.
e-Print: arXiv:0802.1858 [hep-ex]

Measurement of isolated photon production in deep-inelastic scattering at HERA.
By H1 Collaboration (F.D. Aaron et al.). DESY-07-147, Nov 2007. 33pp.
Published in Eur.Phys.J.C54:371-387,2008.
e-Print: arXiv:0711.4578 [hep-ex]

Three- and Four-jet Production at Low x at HERA.
By H1 Collaboration (F.D. Aaron et al.). DESY-07-200, Nov 2007. 35pp.
Published in Eur.Phys.J.C54:389-409,2008.
e-Print: arXiv:0711.2606 [hep-ex]

Measurement of deeply virtual Compton scattering and its t-dependence at HERA.
By H1 Collaboration (F.D. Aaron et al.). DESY-07-142, Sep 2007. 22pp.
Published in Phys.Lett.B659:796-806,2008.
e-Print: arXiv:0709.4114 [hep-ex]

Dijet Cross Sections and Parton Densities in Diffractive DIS at HERA.
By H1 Collaboration (A. Aktas et al.). DESY-07-115, Aug 2007. 33pp.
Published in JHEP 0710:042,2007.
e-Print: arXiv:0708.3217 [hep-ex]

Measurement of inclusive jet production in deep-inelastic scattering at high Q^2 and determination of the strong coupling.
By H1 Collaboration (A. Aktas et al.). DESY-07-073, May 2007. 22pp.
Published in Phys.Lett.B653:134-144,2007.
e-Print: arXiv:0706.3722 [hep-ex]

Charged Particle Production in High Q^2 Deep-Inelastic Scattering at HERA.
By H1 Collaboration (F.D. Aaron et al.). DESY-07-065, May 2007. 20pp.
Published in Phys.Lett.B654:148-159,2007.
e-Print: arXiv:0706.2456 [hep-ex]

A lepton proton collider with LHC.
F.J. Willeke, (DESY) , J.B. Dainton, (Cockcroft Inst. Accel. Sci. Tech.) ,
M. Klein, (DESY, Zeuthen) , P. Newman, (Birmingham U.) , E. Perez, (Saclay) . Jun 2006. 3pp.
Prepared for European Particle Accelerator Conference (EPAC 06), Edinburgh, Scotland, 26-30 Jun 2006.
Published in *Edinburgh 2006, EPAC* 670-672

Search for baryonic resonances decaying to Xi pi in deep-inelastic scattering at HERA.
By H1 Collaboration (A. Aktas et al.). DESY-07-045, Apr 2007. 16pp.
Published in Eur.Phys.J.C52:507-514,2007.
e-Print: arXiv:0704.3594 [hep-ex]

Tests of QCD factorisation in the diffractive production of dijets in deep-inelastic scattering and photoproduction at HERA.
By H1 Collaboration (A. Aktas et al.). DESY-07-018, Feb 2007. 35pp.
Published in Eur.Phys.J.C51:549-568,2007.
e-Print: hep-ex/0703022

Search for lepton flavour violation in ep collisions at HERA.
By H1 Collaboration (A. Aktas et al.). DESY-07-009, Mar 2007. 30pp.
Published in Eur.Phys.J.C52:833-847,2007.
e-Print: hep-ex/0703004

Production of D^{*+} - Mesons with Dijets in Deep-Inelastic Scattering at HERA.
By H1 Collaboration (A. Aktas et al.). DESY-06-240, Dec 2006. 31pp.
Published in Eur.Phys.J.C51:271-287,2007.
e-Print: hep-ex/0701023

Diffraction open charm production in deep-inelastic scattering and photoproduction at HERA.
By H1 Collaboration (A. Aktas et al.). DESY-06-164, Oct 2006. 40pp.
Published in Eur.Phys.J.C50:1-20,2007.
e-Print: hep-ex/0610076

Inclusive D^{*+} - Meson Cross Sections and D^{*+} - Jet Correlations in Photoproduction at HERA.
By H1 Collaboration (A. Aktas et al.). DESY-06-110, Aug 2006. 29pp.
Published in Eur.Phys.J.C50:251-267,2007.
e-Print: hep-ex/0608042

Diffraction deep-inelastic scattering with a leading proton at HERA.
By H1 Collaboration (A. Aktas et al.). DESY-06-048, May 2006. 33pp.
Published in Eur.Phys.J.C48:749-766,2006.
e-Print: hep-ex/0606003

Measurement of charm and beauty dijet cross-sections in photoproduction at HERA using the H1 vertex detector.
By H1 Collaboration (A. Aktas et al.). DESY-06-039, May 2006. 25pp.
Published in Eur.Phys.J.C47:597-610,2006.
e-Print: hep-ex/0605016

Search for a narrow baryonic resonance decaying to $K0(s)p$ or $K0(s)\text{anti-p}$ in deep inelastic scattering at HERA.
By H1 Collaboration (A. Aktas et al.). DESY-06-044, Apr 2006. 14pp.
Published in Phys.Lett.B639:202-209,2006.
e-Print: hep-ex/0604056

Search for doubly-charged Higgs boson production at HERA.
By H1 Collaboration (A. Aktas et al.). DESY-06-038, Apr 2006. 16pp.
Published in Phys.Lett.B638:432-440,2006.
e-Print: hep-ex/0604027

Tau lepton production in ep collisions at HERA.
By H1 Collaboration (A. Aktas et al.). DESY-06-029, Apr 2006. 29pp.
Published in Eur.Phys.J.C48:699-714,2006.
e-Print: hep-ex/0604022

Diffraction photoproduction of rho mesons with large momentum transfer at HERA.
By H1 Collaboration (A. Aktas et al.). DESY-06-023, Mar 2006. 19pp.
Published in Phys.Lett.B638:422-431,2006.
e-Print: hep-ex/0603038

Photoproduction of dijets with high transverse momenta at HERA.
By H1 Collaboration (A. Aktas et al.). DESY-06-020, Mar 2006. 18pp.
Published in Phys.Lett.B639:21-31,2006.
e-Print: hep-ex/0603014

First Measurement of Charged Current Cross Sections at HERA with
Longitudinally Polarised Positrons
By H1 Collaboration (A. Aktas et al.), DESY-05-249, December 2005
Published in Phys. Lett.B634,173(2006)
e-Print Archive: hep-ex/0512060

Measurement of Event Shape Variables in Deep-Inelastic Scattering at HERA
BY H1 Collaboration (A. Aktas et al.) DESY 05-225, December 2005
Published in Eur. Phys. J. C46:343,2006
e-Print Archive: hep-ex/0512014

Elastic J/Psi Production at HERA
By H1 Collaboration (A. Aktas et al.), DESY-05-161, October 2005
Submitted to Eur. Phys. J.C
e-Print Archive: hep-ex/0510016

Forward Jet Production in Deep Inelastic Scattering at HERA
BY H1 Collaboration (A. Aktas et al.) DESY 05-135, August 2005
Published in Eur. Phys. J. C46:27,2006
e-Print Archive: hep-ex/0508055

Search for Leptoquark Bosons in ep Collisions at HERA
By H1 Collaboration (A. Aktas et al.), DESY-05-087, June 2005
Published in Phys. Lett.B629,9(2005)
e-Print Archive: hep-ex/0506044

MEASUREMENT OF F_2^c ANTI-C(2) AND F_2^b ANTI-B(2) AT LOW Q^2 USING THE
H1 VERTEX DETECTOR AT HERA.
BY H1 Collaboration (A. Aktas et al.) DESY 05-110, July 2005
Published in Eur. Phys. J. C45:23,2006
e-Print Archive: hep-ex/0507081

MEASUREMENT OF DEEPLY VIRTUAL COMPTON SCATTERING AT HERA.
By H1 Collaboration (A. Aktas et al.). DESY-05-065, May 2005. 24pp.
Published in Eur.Phys.J.C44:1,2005
e-Print Archive: hep-ex/0505061

MEASUREMENT OF CHARM AND BEAUTY PHOTOPRODUCTION AT HERA USING D*
MU CORRELATIONS.

By H1 Collaboration (A. Aktas et al.). DESY-05-040, Mar 2005. 20pp.

Published in Phys.Lett.B621:56,2005

e-Print Archive: hep-ex/0503038

MEASUREMENT OF BEAUTY PRODUCTION AT HERA USING EVENTS WITH MUONS
AND JETS.

By H1 Collaboration (A. Aktas et al.). DESY-05-004, Feb 2005. 33pp.

Published in Eur.Phys.J.C41:453-467,2005

e-Print Archive: hep-ex/0502010

MEASUREMENT OF DIJET CROSS SECTIONS IN EP INTERACTIONS WITH A LEADING
NEUTRON AT HERA.

By H1 Collaboration (A. Aktas et al.). DESY-04-247, Dec 2004. 27pp.

Published in Eur.Phys.J.C41:273-286,2005

e-Print Archive: hep-ex/0501074

A DIRECT SEARCH FOR STABLE MAGNETIC MONOPOLES PRODUCED IN POSITRON-
PROTON COLLISIONS AT HERA.

By H1 Collaboration (A. Aktas et al.). DESY-04-240, Dec 2004. 23pp.

Published in Eur.Phys.J.C41:133-141,2005

e-Print Archive: hep-ex/0501039

SEARCH FOR LIGHT GRAVITINOS IN EVENTS WITH PHOTONS AND MISSING
TRANSVERSE MOMENTUM AT HERA.

By H1 Collaboration (A. Aktas et al.). DESY-04-227, Nov 2004. 15pp.

Published in Phys.Lett.B616:31-42,2005

e-Print Archive: hep-ex/0501030

MEASUREMENT OF F**C ANTI-C(2) AND F**B ANTI-B(2) AT HIGH Q**2 USING THE
H1 VERTEX DETECTOR AT HERA.

By H1 Collaboration (A. Aktas et al.). DESY-04-209, Nov 2004. 25pp.

Published in Eur.Phys.J.C40:349-359,2005

e-Print Archive: hep-ex/0411046

INCLUSIVE PRODUCTION OF D+, D0, D+(S) AND D*+ MESONS IN DEEP INELASTIC
SCATTERING AT HERA.

By H1 Collaboration (A. Aktas et al.). DESY-04-156, Aug 2004. 28pp.

Published in Eur.Phys.J.C38:447-459,2005

e-Print Archive: hep-ex/0408149

A GENERAL SEARCH FOR NEW PHENOMENA IN EP SCATTERING AT HERA.

By H1 Collaboration (A. Aktas et al.). DESY-04-140, Aug 2004. 23pp.

Published in Phys.Lett.B602:14-30,2004

e-Print Archive: hep-ex/0408044

MEASUREMENT OF PROMPT PHOTON CROSS SECTIONS IN PHOTOPRODUCTION AT HERA.

By H1 Collaboration (A. Aktas et al.). DESY-04-118, Jul 2004. 21pp.

Published in Eur.Phys.J.C38:437-445,2005

e-Print Archive: hep-ex/0407018

MEASUREMENT OF THE PROTON STRUCTURE FUNCTION $F(2)$ AT LOW Q^{*2} IN QED COMPTON SCATTERING AT HERA.

By H1 Collaboration (A. Aktas et al.). DESY-04-083, Jun 2004. 19pp.

Published in Phys.Lett.B598:159-171,2004

e-Print Archive: hep-ex/0406029

SEARCH FOR BOSONIC STOP DECAYS IN R-PARITY VIOLATING SUPERSYMMETRY IN E+ P COLLISIONS AT HERA.

By H1 Collaboration (A. Aktas et al.). DESY-04-084, May 2004. 20pp.

Published in Phys.Lett.B599:159-172,2004

e-Print Archive: hep-ex/0405070

FORWARD π^0 PRODUCTION AND ASSOCIATED TRANSVERSE ENERGY FLOW IN DEEP-INELASTIC SCATTERING AT HERA.

By H1 Collaboration (A. Aktas et al.). DESY-04-051, Apr 2004. 27pp.

Published in Eur.Phys.J.C36:441-452,2004

e-Print Archive: hep-ex/0404009

MEASUREMENT OF ANTI-DEUTERON PHOTOPRODUCTION AND A SEARCH FOR HEAVY STABLE CHARGED PARTICLES AT HERA.

By H1 Collaboration (A. Aktas et al.). DESY-04-032, Mar 2004. 24pp.

Published in Eur.Phys.J.C36:413-423,2004

e-Print Archive: hep-ex/0403056

SEARCH FOR SQUARK PRODUCTION IN R PARITY VIOLATING SUPERSYMMETRY AT HERA.

By H1 Collaboration (A. Aktas et al.). DESY-04-025, Mar 2004. 28pp.

Published in Eur.Phys.J.C36:425-440,2004

e-Print Archive: hep-ex/0403027

MEASUREMENT OF DIJET PRODUCTION AT LOW Q^{*2} AT HERA.

By H1 Collaboration (A. Aktas et al.). DESY-03-206, Jan 2004. 32pp.

Published in Eur.Phys.J.C37:141-159,2004

e-Print Archive: hep-ex/0401010

MUON PAIR PRODUCTION IN EP COLLISIONS AT HERA.

By H1 Collaboration (A. Aktas et al.). DESY-03-159, Oct 2003. 21pp.
Published in Phys.Lett.B583:28-40,2004
e-Print Archive: hep-ex/0311015

SEARCH FOR SINGLE TOP QUARK PRODUCTION IN EP COLLISIONS AT HERA.

By H1 Collaboration (A. Aktas et al.). DESY-03-132, Oct 2003. 29pp.
Published in Eur.Phys.J.C33:9-22,2004
e-Print Archive: hep-ex/0310032

INCLUSIVE DIJET PRODUCTION AT LOW BJORKEN X IN DEEP INELASTIC SCATTERING.

By H1 Collaboration (A. Aktas et al.). DESY-03-160, Oct 2003. 37pp.
Published in Eur.Phys.J.C33:477-493,2004
e-Print Archive: hep-ex/0310019

MULTIELECTRON PRODUCTION AT HIGH TRANSVERSE MOMENTA IN EP COLLISIONS AT HERA.

By H1 Collaboration (A. Aktas et al.). DESY-03-082, Jul 2003. 23pp.
Published in Eur.Phys.J.C31:17-29,2003
e-Print Archive: hep-ex/0307015

DIFFRACTIVE PHOTOPRODUCTION OF J / PSI MESONS WITH LARGE MOMENTUM TRANSFER AT HERA.

By H1 Collaboration (A. Aktas et al.). DESY-03-061, Jun 2003. 22pp.
Submitted to Phys.Lett.B, e-Print Archive: hep-ex/0306013

SEARCH FOR NEW PHYSICS IN E+ - Q CONTACT INTERACTIONS AT HERA.

By H1 Collaboration (C. Adloff et al.). DESY-03-052, May 2003. 15pp.
Submitted to Phys.Lett.B, e-Print Archive: hep-ex/0305015

MEASUREMENT OF INCLUSIVE JET CROSS-SECTIONS IN PHOTOPRODUCTION AT HERA.

By H1 Collaboration (C. Adloff et al.). DESY-02-225, Feb 2003. 30pp.
e-Print Archive: hep-ex/0302034

ISOLATED ELECTRONS AND MUONS IN EVENTS WITH MISSING TRANSVERSE MOMENTUM AT HERA.

By H1 Collaboration (V. Andreev et al.). DESY-02-224, Jan 2003. 24pp.
Phys.Lett.B561:241-257,2003, e-Print Archive: hep-ex/0301030

SEARCH FOR EXCITED ELECTRONS AT HERA.

By H1 Collaboration (C. Adloff et al.). DESY-02-096, Jul 2002. 14pp.
Phys.Lett.B548:35-44,2002, e-Print Archive: hep-ex/0207038

MEASUREMENT OF INCLUSIVE JET CROSS-SECTIONS IN DEEP INELASTIC EP SCATTERING AT HERA.

By H1 Collaboration (C. Adloff et al.). DESY-02-079, Jun 2002. 21pp.
Phys.Lett.B542:193-206,2002, e-Print Archive: hep-ex/0206029

SEARCH FOR ODDERON INDUCED CONTRIBUTIONS TO EXCLUSIVE π^0 PHOTOPRODUCTION AT HERA.

By H1 Collaboration (C. Adloff et al.). DESY-02-087, Jun 2002. 14pp.
Phys.Lett.B544:35-43,2002, e-Print Archive: hep-ex/0206073

INELASTIC PHOTOPRODUCTION OF J / Ψ MESONS AT HERA.

By H1 Collaboration (C. Adloff et al.). DESY-02-059, May 2002. 31pp.
Eur.Phys.J.C25:25-39,2002, e-Print Archive: hep-ex/0205064

INELASTIC LEPTOPRODUCTION OF J / Ψ MESONS AT HERA.

By H1 Collaboration (C. Adloff et al.). DESY-02-060, May 2002. 28pp.
Eur.Phys.J.C25:41-53,2002, e-Print Archive: hep-ex/0205065

SEARCH FOR QCD INSTANTON INDUCED PROCESSES IN DEEP INELASTIC SCATTERING AT HERA.

By H1 Collaboration (C. Adloff et al.). DESY-02-062, May 2002. 29pp.
Eur.Phys.J.C25:495-509,2002, e-Print Archive: hep-ex/0205078

DIFFRACTIVE PHOTOPRODUCTION OF $\Psi(2S)$ MESONS AT HERA.

By H1 Collaboration (C. Adloff et al.). DESY-02-075, May 2002. 20pp.
Phys.Lett.B541:251-264,2002, e-Print Archive: hep-ex/0205107

ENERGY FLOW AND RAPIDITY GAPS BETWEEN JETS IN PHOTOPRODUCTION AT HERA.

By H1 Collaboration (C. Adloff et al.). DESY-02-023, Mar 2002. 23pp.
Eur.Phys.J.C24:517-527,2002, e-Print Archive: hep-ex/0203011

A MEASUREMENT OF THE T DEPENDENCE OF THE HELICITY STRUCTURE OF DIFFRACTIVE ρ MESON ELECTROPRODUCTION AT HERA.

By H1 Collaboration (C. Adloff et al.). DESY-02-027, Mar 2002. 21pp.
Phys.Lett.B539:25-39,2002, e-Print Archive: hep-ex/0203022

MEASUREMENT OF DIJET CROSS-SECTIONS IN PHOTOPRODUCTION AT HERA.

By H1 Collaboration (C. Adloff et al.). DESY-01-225, Jan 2002. 26pp.
Eur.Phys.J.C25:13-23,2002, e-Print Archive: hep-ex/0201006

MEASUREMENT OF DIJET ELECTROPRODUCTION AT SMALL JET SEPARATION.

By H1 Collaboration (C. Adloff et al.). DESY-01-178, Oct 2001. 19pp.
Eur.Phys.J.C24:33-41,2002, e-Print Archive: hep-ex/0111006

SEARCH FOR EXCITED NEUTRINOS AT HERA.

By H1 Collaboration (C. Adloff et al.). DESY-01-145, Sep 2001. 11pp.
Phys.Lett.B525:9-16,2002, e-Print Archive: hep-ex/0110037

MEASUREMENT OF DEEPLY VIRTUAL COMPTON SCATTERING AT HERA.

By H1 Collaboration (C. Adloff et al.). DESY-01-093, Jul 2001. 15pp.
Phys.Lett.B517:47-58,2001, e-Print Archive: hep-ex/0107005

MEASUREMENT OF D^{*+} - MESON PRODUCTION AND $F^{*}C(2)$ IN DEEP INELASTIC SCATTERING AT HERA.

By H1 Collaboration (C. Adloff et al.). DESY-01-100, Jul 2001. 24pp.
Phys.Lett.B528:199-214,2002, e-Print Archive: hep-ex/0108039

D^{*+} - MESON PRODUCTION IN DEEP INELASTIC DIFFRACTIVE INTERACTIONS AT HERA.

By H1 Collaboration (C. Adloff et al.). DESY-01-105, Jul 2001. 19pp.
Phys.Lett.B520:191-203,2001, e-Print Archive: hep-ex/0108047

THREE JET PRODUCTION IN DEEP INELASTIC SCATTERING AT HERA.

By H1 Collaboration (C. Adloff et al.). DESY-01-073, Jun 2001. 17pp.
Phys.Lett.B515:17-29,2001, e-Print Archive: hep-ex/0106078

A SEARCH FOR LEPTOQUARK BOSONS IN E- P COLLISIONS AT HERA.

By H1 Collaboration (C. Adloff et al.). DESY-01-094, Jun 2001. 10pp.
Phys.Lett.B523:234-242,2001, e-Print Archive: hep-ex/0107038

PHOTOPRODUCTION WITH A LEADING PROTON AT HERA.

By H1 Collaboration (C. Adloff et al.). DESY-01-062, May 2001. 17pp.
Published in Nucl.Phys.B619:3-21,2001
e-Print Archive: hep-ex/0106070

SEARCHES AT HERA FOR SQUARKS IN R-PARITY VIOLATING SUPERSYMMETRY.

By H1 Collaboration (C. Adloff et al.). DESY-01-021, Feb 2001. 32pp.
Eur.Phys.J.C20:639-657,2001, e-Print Archive: hep-ex/0102050

DIFFRACTIVE JET PRODUCTION IN DEEP INELASTIC E+ P COLLISIONS AT HERA.

By H1 Collaboration (C. Adloff et al.). DESY-00-174, Dec 2000. 35pp.
Eur.Phys.J.C20:29-49,2001, e-Print Archive: hep-ex/0012051

MEASUREMENT OF NEUTRAL AND CHARGED CURRENT CROSS-SECTIONS IN ELECTRON - PROTON COLLISIONS AT HIGH Q^{*2} .

By H1 Collaboration (C. Adloff et al.). DESY-00-187, Dec 2000. 39pp.
Eur.Phys.J.C19:269-288,2001, e-Print Archive: hep-ex/0012052

MEASUREMENT AND QCD ANALYSIS OF JET CROSS-SECTIONS IN DEEP INELASTIC
POSITRON - PROTON COLLISIONS AT $S^{*}(1/2)$ OF 300-GEV.

By H1 Collaboration (C. Adloff et al.). DESY-00-145, Oct 2000. 44pp.
Eur.Phys.J.C19:289-311,2001, e-Print Archive: hep-ex/0010054

DIJET PRODUCTION IN CHARGED AND NEUTRAL CURRENT E+ P INTERACTIONS AT HIGH
 Q^{*2} .

By H1 Collaboration (C. Adloff et al.). DESY-00-143, Sep 2000. 28pp.
Eur.Phys.J.C19:429-440,2001, e-Print Archive: hep-ex/0010016

A SEARCH FOR EXCITED FERMIONS AT HERA.

By H1 Collaboration (C. Adloff et al.). DESY-00-102, Jul 2000. 28pp.
Eur.Phys.J.C17:567-581,2000, e-Print Archive: hep-ex/0007035

INCLUSIVE PHOTOPRODUCTION OF NEUTRAL PIONS IN THE PHOTON HEMISPHERE AT HERA.

By H1 Collaboration (C. Adloff et al.). DESY-00-085, Jun 2000. 21pp.
Eur.Phys.J.C18:293-302,2000, e-Print Archive: hep-ex/0006017

MEASUREMENT OF ELASTIC ELECTROPRODUCTION OF PHI MESONS AT HERA.

By H1 Collaboration (C. Adloff et al.). DESY-00-070, May 2000. 10pp.
Phys.Lett.B483:360-372,2000, e-Print Archive: hep-ex/0005010

MEASUREMENT OF DIJET CROSS-SECTIONS IN PHOTOPRODUCTION AND PHOTON
STRUCTURE.

By H1 Collaboration (C. Adloff et al.). DESY-00-035, Mar 2000. 20pp.
Phys.Lett.B483:36-48,2000, e-Print Archive: hep-ex/0003011

ELASTIC PHOTOPRODUCTION OF J / PSI AND UPSILON MESONS AT HERA.

By H1 Collaboration (C. Adloff et al.). DESY-00-037, Mar 2000. 19pp.
Phys.Lett.B483:23-35,2000, e-Print Archive: hep-ex/0003020

SEARCH FOR COMPOSITENESS, LEPTOQUARKS AND LARGE EXTRA DIMENSIONS IN E Q
CONTACT INTERACTIONS AT HERA.

By H1 Collaboration (C. Adloff et al.). DESY-00-027, Feb 2000. 21pp.
Phys.Lett.B479:358-370,2000, e-Print Archive: hep-ex/0003002

INVESTIGATION OF POWER CORRECTIONS TO EVENT SHAPE VARIABLES MEASURED IN
DEEP INELASTIC SCATTERING.

By H1 Collaboration (C. Adloff et al.). DESY-99-193, Dec 1999. 27pp.
Eur.Phys.J.C14:255-269,2000, Erratum-ibid.C18:417-419,2000
e-Print Archive: hep-ex/9912052

MEASUREMENT OF NEUTRAL AND CHARGED CURRENT CROSS-SECTIONS IN POSITRON
PROTON COLLISIONS AT LARGE MOMENTUM TRANSFER.

By H1 Collaboration (C. Adloff et al.). DESY-99-107, Aug 1999. 54pp.
Eur.Phys.J.C13:609-639,2000, e-Print Archive: hep-ex/9908059

MEASUREMENTS OF TRANSVERSE ENERGY FLOW IN DEEP INELASTIC SCATTERING AT HERA.

By H1 Collaboration (C. Adloff et al.). DESY-99-091, Jul 1999. 27pp.
Eur.Phys.J.C12:595-607,2000, e-Print Archive: hep-ex/9907027

FORWARD PION MESON PRODUCTION AT HERA.

By H1 Collaboration (C. Adloff et al.). DESY-99-094, Jul 1999. 20pp.
Phys.Lett.B462:440-452,1999, e-Print Archive: hep-ex/9907030

A SEARCH FOR LEPTOQUARK BOSONS AND LEPTON FLAVOR VIOLATION IN E+ P
COLLISIONS AT HERA.

By H1 Collaboration (C. Adloff et al.). DESY-99-081, Jun 1999. 44pp.
Eur.Phys.J.C11:447-471,1999, Erratum-ibid.C14:553-554,2000
e-Print Archive: hep-ex/9907002

CHARMONIUM PRODUCTION IN DEEP INELASTIC SCATTERING AT HERA.

By H1 Collaboration (C. Adloff et al.). DESY-99-026, Mar 1999. 39pp.
Eur.Phys.J.C10:373-393,1999, e-Print Archive: hep-ex/9903008

ELASTIC ELECTROPRODUCTION OF RHO MESONS AT HERA.

By H1 Collaboration (C. Adloff et al.). DESY-99-010, Feb 1999. 56pp.
Published in Eur.Phys.J.C13:371-396,2000
e-Print Archive: hep-ex/9902019

MEASUREMENT OF D* MESON CROSS-SECTIONS AT HERA AND DETERMINATION OF THE
GLUON DENSITY IN THE PROTON USING NLO QCD.

By H1 Collaboration (C. Adloff et al.). DESY-98-204, Dec 1998. 28pp.
Nucl.Phys.B545:21-44,1999, e-Print Archive: hep-ex/9812023

MEASUREMENT OF DIJET CROSS-SECTIONS AT LOW Q^2 AND THE EXTRACTION OF AN
EFFECTIVE PARTON DENSITY FOR THE VIRTUAL PHOTON.

By H1 Collaboration (C. Adloff et al.). DESY-98-205, Dec 1998. 33pp.
Eur.Phys.J.C13:397-414,2000, e-Print Archive: hep-ex/9812024

MEASUREMENT OF INTERNAL JET STRUCTURE IN DIJET PRODUCTION IN DEEP
INELASTIC SCATTERING AT HERA.

By H1 Collaboration (C. Adloff et al.). DESY-98-210, Dec 1998. 19pp.
Nucl.Phys.B545:3-20,1999, e-Print Archive: hep-ex/9901010

CHARGED PARTICLE CROSS-SECTIONS IN PHOTOPRODUCTION AND EXTRACTION OF THE
GLUON DENSITY IN THE PHOTON.

By H1 Collaboration (C. Adloff et al.). DESY-98-148, Oct 1998. 18pp.
Eur.Phys.J.C10:363-372,1999, e-Print Archive: hep-ex/9810020

MEASUREMENT OF LEADING PROTON AND NEUTRON PRODUCTION IN DEEP INELASTIC
SCATTERING AT HERA.

By H1 Collaboration (C. Adloff et al.). DESY-98-169, Oct 1998. 31pp.
Eur.Phys.J.C6:587-602,1999, e-Print Archive: hep-ex/9811013

FORWARD JET AND PARTICLE PRODUCTION AT HERA.

By H1 Collaboration (C. Adloff et al.). DESY-98-143, Sep 1998. 20pp.
Nucl.Phys.B538:3-22,1999, e-Print Archive: hep-ex/9809028

DIFFRACTIVE DIJET PRODUCTION AT HERA.

By H1 Collaboration (C. Adloff et al.). DESY-98-092, Aug 1998. 27pp.
Eur.Phys.J.C6:421-436,1999, e-Print Archive: hep-ex/9808013

MULTIJET EVENT RATES IN DEEP INELASTIC SCATTERING AND DETERMINATION OF
THE STRONG COUPLING CONSTANT.

By H1 Collaboration (C. Adloff et al.). DESY-98-087, Jul 1998. 17pp.
Eur.Phys.J.C6:575-585,1999, e-Print Archive: hep-ex/9807019

DIFFERENTIAL (2+1) JET EVENT RATES AND DETERMINATION OF ALPHA(S) IN DEEP
INELASTIC SCATTERING AT HERA.

By H1 Collaboration (C. Adloff et al.). DESY-98-075, Jun 1998. 26pp.
Eur.Phys.J.C5:625-639,1998, e-Print Archive: hep-ex/9806028

DIJET EVENT RATES IN DEEP INELASTIC SCATTERING AT HERA.

By H1 Collaboration (C. Adloff et al.). DESY-98-076, Jun 1998. 22pp.
Eur.Phys.J.C13:415-426,2000, e-Print Archive: hep-ex/9806029

OBSERVATION OF EVENTS WITH AN ISOLATED HIGH-ENERGY LEPTON AND MISSING
TRANSVERSE MOMENTUM AT HERA.

By H1 Collaboration (C. Adloff et al.). DESY-98-063, May 1998. 19pp.
Eur.Phys.J.C5:575-584,1998, e-Print Archive: hep-ex/9806009

MULTIPLICITY STRUCTURE OF THE HADRONIC FINAL STATE IN DIFFRACTIVE DEEP
INELASTIC SCATTERING AT HERA.

By H1 Collaboration (C. Adloff et al.). DESY-98-044, Apr 1998. 20pp.
Eur.Phys.J.C5:439-452,1998, e-Print Archive: hep-ex/9804012

HADRON PRODUCTION IN DIFFRACTIVE DEEP INELASTIC SCATTERING.

By H1 Collaboration (C. Adloff et al.). DESY-98-029, Mar 1998. 17pp.
Phys.Lett.B428:206-220,1998, e-Print Archive: hep-ex/9803032

THRUST JET ANALYSIS OF DEEP INELASTIC LARGE RAPIDITY GAP EVENTS.

By H1 Collaboration (C. Adloff et al.). DESY-97-210, Nov 1997. 23pp.
Eur.Phys.J.C1:495-507,1998, e-Print Archive: hep-ex/9711006

PHOTOPRODUCTION OF PSI (2S) MESONS AT HERA.

By H1 Collaboration (C. Adloff et al.). DESY-97-228, Nov 1997. 14pp.
Phys.Lett.B421:385-394,1998, e-Print Archive: hep-ex/9711012

MEASUREMENT OF THE INCLUSIVE DIJET CROSS-SECTION IN PHOTOPRODUCTION AND DETERMINATION OF AN EFFECTIVE PARTON DISTRIBUTION IN THE PHOTON.

By H1 Collaboration (C. Adloff et al.). DESY-97-164, Sep 1997. 19pp.
Eur.Phys.J.C1:97-107,1998, e-Print Archive: hep-ex/9709004

LOW Q^2 JET PRODUCTION AT HERA AND VIRTUAL PHOTON STRUCTURE.

By H1 Collaboration (C. Adloff et al.). DESY-97-179, Sep 1997. 22pp.
Phys.Lett.B415:418-434,1997, e-Print Archive: hep-ex/9709017

INCLUSIVE MEASUREMENT OF DIFFRACTIVE DEEP INELASTIC EP SCATTERING.

By H1 Collaboration (C. Adloff et al.). DESY-97-158, Aug 1997. 31pp.
Z.Phys.C76:613-629,1997, e-Print Archive: hep-ex/9708016

MEASUREMENT OF EVENT SHAPE VARIABLES IN DEEP INELASTIC E P SCATTERING.

By H1 Collaboration (C. Adloff et al.). DESY-97-098, Jun 1997. 19pp.
Phys.Lett.B406:256-270,1997, e-Print Archive: hep-ex/9706002

EVOLUTION OF E P FRAGMENTATION AND MULTIPLICITY DISTRIBUTIONS IN THE BREIT FRAME.

By H1 Collaboration (C. Adloff et al.). DESY-97-108, Jun 1997. 24pp.
Nucl.Phys.B504:3-23,1997, e-Print Archive: hep-ex/9707005

BOSE-EINSTEIN CORRELATIONS IN DEEP INELASTIC E P SCATTERING AT HERA.

By H1 Collaboration (C. Adloff et al.). DESY-97-075, May 1997. 36pp.
Z.Phys.C75:437-451,1997, e-Print Archive: hep-ex/9705001

PROTON DISSOCIATIVE RHO AND ELASTIC PHI ELECTROPRODUCTION AT HERA.

By H1 Collaboration (C. Adloff et al.). DESY-97-082, May 1997. 23pp.
Z.Phys.C75:607-618,1997, e-Print Archive: hep-ex/9705014

PHOTOPRODUCTION OF K_0 AND Λ AT HERA AND A COMPARISON WITH DEEP INELASTIC SCATTERING.

By H1 Collaboration (C. Adloff et al.). DESY-97-095, May 1997. 22pp.
Z.Phys.C76:213-221,1997, e-Print Archive: hep-ex/9705018

DIFFRACTION DISSOCIATION IN PHOTOPRODUCTION AT HERA.

By H1 Collaboration (C. Adloff et al.). DESY-97-009, Feb 1997. 29pp.
Published in Z.Phys.C74:221-236,1997
e-Print Archive: hep-ex/9702003

OBSERVATION OF EVENTS AT VERY HIGH Q^{*2} IN E P COLLISIONS AT HERA.

By H1 Collaboration (C. Adloff et al.). DESY-97-024, DESY-97-24,
DAPNIA-SPP-97-18, Feb 1997. 30pp.
Prepared for 32nd Rencontres de Moriond: Electroweak Interactions and
Unified Theories, Les Arcs, France, 15-22 Mar 1997.
Z.Phys.C74:191-206,1997, e-Print Archive: hep-ex/9702012

MEASUREMENT OF CHARGED PARTICLE TRANSVERSE MOMENTUM SPECTRA IN DEEP INELASTIC SCATTERING.

By H1 Collaboration (C. Adloff et al.). DESY-96-215, Oct 1996. 21pp.
Nucl.Phys.B485:3-24,1997, e-Print Archive: hep-ex/9610006

SCALE INFLUENCE ON THE ENERGY DEPENDENCE OF PHOTON - PROTON CROSS-SECTIONS.

By H1 Collaboration (S. Aid et al.). DESY-96-224, Oct 1996. 13pp.
Phys.Lett.B392:234-242,1997, e-Print Archive: hep-ex/9611004

SEARCH FOR EXCITED FERMIONS WITH THE H1 DETECTOR.

By H1 Collaboration (S. Aid et al.). DESY-96-163, Sep 1996. 20pp.
Nucl.Phys.B483:44-66,1997, e-Print Archive: hep-ex/9609008

CHARGED PARTICLE MULTIPLICITIES IN DEEP INELASTIC SCATTERING AT HERA.

By H1 Collaboration (S. Aid et al.). DESY-96-160, Aug 1996. 40pp.
Z.Phys.C72:573-592,1996, e-Print Archive: hep-ex/9608011

INCLUSIVE D_0 AND D^{*+} PRODUCTION IN DEEP INELASTIC E P SCATTERING AT HERA.

By H1 Collaboration (C. Adloff et al.). DESY-96-138, Jul 1996. 27pp.
Z.Phys.C72:593-605,1996, e-Print Archive: hep-ex/9607012

STRANGENESS PRODUCTION IN DEEP INELASTIC POSITRON - PROTON SCATTERING AT HERA.

By H1 Collaboration (S. Aid et al.). DESY-96-122, Jun 1996. 37pp.
Nucl.Phys.B480:3-34,1996, e-Print Archive: hep-ex/9607010

A SEARCH FOR SELECTRONS AND SQUARKS AT HERA.

By H1 Collaboration (S. Aid et al.). DESY-96-082, May 1996. 13pp.
Phys.Lett.B380:461-470,1996, e-Print Archive: hep-ex/9605002

PHOTOPRODUCTION OF D^{*+} - MESONS IN ELECTRON - PROTON COLLISIONS AT HERA.

By H1 Collaboration (S. Aid et al.). DESY-96-055, Apr 1996. 18pp.
Nucl.Phys.B472:32-54,1996, e-Print Archive: hep-ex/9604005

A SEARCH FOR SQUARKS OF RP VIOLATING SUSY AT HERA.

By H1 Collaboration (S. Aid et al.). DESY-96-056, Apr 1996. 31pp.
Z.Phys.C71:211-226,1996, e-Print Archive: hep-ex/9604006

ELASTIC AND INELASTIC PHOTOPRODUCTION OF J/ψ MESONS AT HERA.

By H1 Collaboration (S. Aid et al.). DESY-96-037, Mar 1996. 27pp.
Nucl.Phys.B472:3-31,1996, e-Print Archive: hep-ex/9603005

MEASUREMENT OF THE Q^2 DEPENDENCE OF THE CHARGED AND NEUTRAL CURRENT
CROSS-SECTIONS IN e^+p SCATTERING AT HERA.

By H1 Collaboration (S. Aid et al.). DESY-96-046, Mar 1996. 13pp.
Phys.Lett.B379:319-329,1996, e-Print Archive: hep-ex/9603009

ENERGY FLOW IN THE HADRONIC FINAL STATE OF DIFFRACTIVE AND
NONDIFFRACTIVE DEEP INELASTIC SCATTERING AT HERA.

By H1 Collaboration (S. Aid et al.). DESY-96-014, Feb 1996. 22pp.
Z.Phys.C70:609-620,1996, e-Print Archive: hep-ex/9602001

ELASTIC ELECTROPRODUCTION OF ρ^0 AND J/ψ MESONS AT LARGE Q^2 AT HERA.

By H1 Collaboration (S. Aid et al.). DESY-96-023, Feb 1996. 29pp.
Nucl.Phys.B468:3-36,1996 (Title changed in journal), e-Print Archive: hep-ex/9602007

ELASTIC PHOTOPRODUCTION OF ρ^0 MESONS AT HERA.

By H1 Collaboration (S. Aid et al.). DESY-95-251, Jan 1996. 25pp.
Nucl.Phys.B463:3-32,1996, e-Print Archive: hep-ex/9601004

A SEARCH FOR LEPTOQUARKS AT HERA.

By H1 Collaboration (S. Aid et al.). DESY-95-233, Dec 1995. 16pp.
Phys.Lett.B369:173-185,1996, e-Print Archive: hep-ex/9512001

JETS AND ENERGY FLOW IN PHOTON - PROTON COLLISIONS AT HERA.

By H1 Collaboration (S. Aid et al.). DESY-95-219, Nov 1995. 27pp.
Z.Phys.C70:17-30,1996, e-Print Archive: hep-ex/9511012

MEASUREMENT OF THE TOTAL PHOTON-PROTON CROSS-SECTION AND ITS DECOMPOSITION AT 200-GEV CENTER-OF-MASS ENERGY.

By H1 Collaboration (S. Aid et al.). DESY-95-162, Sep 1995. 20pp.

Z.Phys.C69:27-38,1995, e-Print Archive: hep-ex/9509001

COMPARISON OF DEEP INELASTIC SCATTERING WITH PHOTOPRODUCTION INTERACTIONS AT HERA.

By H1 Collaboration (S. Aid et al.). DESY-95-156, Aug 1995. 15pp.

Phys.Lett.B358:412-422,1995, e-Print Archive: hep-ex/9508013

TRANSVERSE ENERGY AND FORWARD JET PRODUCTION IN THE LOW X REGIME AT HERA.

By H1 Collaboration (S. Aid et al.). DESY-95-108, Jun 1995. 15pp.

Phys.Lett.B356:118-128,1995, e-Print Archive: hep-ex/9506012

MEASUREMENT OF THE E+ AND E- INDUCED CHARGED CURRENT CROSS-SECTIONS AT HERA.

By H1 Collaboration (S. Aid et al.). DESY-95-102, May 1995. 21pp.

Z.Phys.C67:565-576,1995, e-Print Archive: hep-ex/9506002

INCLUSIVE PARTON CROSS-SECTIONS IN PHOTOPRODUCTION AND PHOTON STRUCTURE.

By H1 Collaboration (T. Ahmed et al.). DESY-95-062, Apr 1995. 23pp.

Nucl.Phys.B445:195-218,1995, e-Print Archive: hep-ex/9504004

LEPTOQUARKS AND COMPOSITENESS SCALES FROM A CONTACT INTERACTION ANALYSIS OF DEEP INELASTIC E+-P SCATTERING AT HERA.

By H1 Collaboration (S. Aid et al.). DESY-95-079, Apr 1995. 15pp.

Phys.Lett.B353:578-588,1995, e-Print Archive: hep-ex/9504008

A STUDY OF THE FRAGMENTATION OF QUARKS IN E-P COLLISIONS AT HERA.

By H1 Collaboration (S. Aid et al.). DESY-95-072, Apr 1995. 17pp.

Nucl.Phys.B445:3-24,1995, e-Print Archive: hep-ex/9505003

FIRST MEASUREMENT OF THE DEEP INELASTIC STRUCTURE OF PROTON DIFFRACTION.

By H1 Collaboration (T. Ahmed et al.). DESY-95-036, Feb 1995. 16pp.

Phys.Lett.B348:681-696,1995, e-Print Archive: hep-ex/9503005

EXPERIMENTAL STUDY OF HARD PHOTON RADIATION PROCESSES AT HERA.

By H1 Collaboration (T. Ahmed et al.). DESY-95-024, Feb 1995. 16pp.

Z.Phys.C66:529-542,1995.

OBSERVATION OF AN E+ P ---> MU+ X EVENT WITH HIGH TRANSVERSE MOMENTA AT HERA.

By H1 Collaboration (T. Ahmed et al.). DESY-94-248, Dec 1994. 9pp.

OBSERVATION OF HARD PROCESSES IN RAPIDITY GAP EVENTS IN GAMMA P INTERACTIONS AT HERA.

By H1 Collaboration (T. Ahmed et al.). DESY-94-198, Nov 1994. 16pp.
Nucl.Phys.B435:3-22,1995.

DETERMINATION OF THE STRONG COUPLING CONSTANT FROM JET RATES IN DEEP INELASTIC SCATTERING.

By H1 Collaboration (T. Ahmed et al.). DESY-94-220, Nov 1994. 14pp.
Phys.Lett.B346:415-425,1995.

A SEARCH FOR HEAVY LEPTONS AT HERA.

By H1 Collaboration (T. Ahmed et al.). DESY-94-138, Aug 1994. 16pp.
Phys.Lett.B340:205-216,1994.

PHOTOPRODUCTION OF J / PSI MESONS AT HERA.

By H1 Collaboration (T. Ahmed et al.). DESY-94-153, Aug 1994. 13pp.
Phys.Lett.B338:507-518,1994.

A SEARCH FOR LEPTOQUARKS AND SQUARKS AT HERA.

By H1 Collaboration (T. Ahmed et al.). DESY-94-154, Aug 1994. 26pp.
Z.Phys.C64:545-558,1994.

DEEP INELASTIC SCATTERING EVENTS WITH A LARGE RAPIDITY GAP AT HERA.

By H1 Collaboration (T. Ahmed et al.). DESY-94-133, Jul 1994. 24pp.
Nucl.Phys.B429:477-502,1994.

INCLUSIVE CHARGED PARTICLE CROSS-SECTIONS IN PHOTOPRODUCTION AT HERA.

By H1 Collaboration (I. Abt et al.). DESY-94-030, Mar 1994. 17pp.
Phys.Lett.B328:176-186,1994.

ENERGY FLOW AND CHARGED PARTICLE SPECTRUM IN DEEP INELASTIC SCATTERING AT HERA.

By H1 Collaboration (I. Abt et al.). DESY-94-033, Mar 1994. 32pp.
Z.Phys.C63:377-390,1994.

FIRST MEASUREMENT OF THE CHARGED CURRENT CROSS-SECTION AT HERA.

By H1 Collaboration (T. Ahmed et al.). DESY-94-012, Jan 1994. 12pp.
Phys.Lett.B324:241-248,1994.

A MEASUREMENT OF MULTI - JET RATES IN DEEP INELASTIC SCATTERING AT HERA.

By H1 Collaboration (I. Abt et al.). DESY-93-137, Oct 1993. 18pp.
Z.Phys.C61:59-66,1994

MEASUREMENT OF INCLUSIVE JET CROSS-SECTIONS IN PHOTOPRODUCTION AT HERA.

By H1 Collaboration (I. Abt et al.). DESY-93-100, Jul 1993. 11pp.

Phys.Lett.B314:436-444,1993.

A SEARCH FOR LEPTOQUARKS, LEPTOGLUONS AND EXCITED LEPTONS IN H1 AT HERA.

By H1 Collaboration (I. Abt et al.). DESY-93-029, Mar 1993. 14pp.

Nucl.Phys.B396:3-26,1993.

TOTAL PHOTOPRODUCTION CROSS-SECTION MEASUREMENT AT HERA ENERGIES.

By H1 Collaboration (T. Ahmed et al.). DESY-92-160, Nov 1992. 17pp.

Phys.Lett.B299:374-384,1993

MEASUREMENT OF THE HADRONIC FINAL STATE IN DEEP INELASTIC SCATTERING AT HERA.

By H1 Collaboration (T. Ahmed et al.). DESY-92-162, Nov 1992. 17pp.

Phys.Lett.B298:469-478,1993.

HARD SCATTERING IN GAMMA P INTERACTIONS.

By H1 Collaboration (T. Ahmed et al.). DESY-92-142, Oct 1992. 13pp.

Phys.Lett.B297:205-213,1992

STUDY OF HADRONIC EVENTS AT PETRA.

By MARK-J COLLABORATION (B. Adeva et al.). 1987.

Published in Sci.Sin.30:481-497,1987

THE PRODUCTION AND DECAY OF TAU LEPTONS.

By Mark-J Collaboration (B. Adeva et al.). MIT-LNS-153, May 1986. 20pp.

Phys.Lett.B179:177,1986.

STUDY OF HADRON AND INCLUSIVE MUON PRODUCTION FROM ELECTRON POSITRON

ANNIHILATION AT $39.79\text{-GEV} \leq S^{1/2} \leq 46.78\text{-GEV}$.

By Mark-J Collaboration (B. Adeva et al.). MIT-LNS-146, Jan 1986. 45pp.

Phys.Rev.D34:681,1986.

MEASUREMENT OF $E^+ E^- \rightarrow \mu^+ \mu^-$: A TEST OF ELECTROWEAK THEORIES.

By Mark-J Collaboration (B. Adeva et al.). MIT-LNS-144, Mar 1985. 18pp.

Phys.Rev.Lett.55:665,1985.

A MEASUREMENT OF ENERGY LOSS DISTRIBUTIONS OF ENERGETIC MUONS IN IRON.

By BCDMS Collaboration (R. Kopp et al.). CERN-EP-85-08, Jan 1985. 15pp.

Z.Phys.C28:171,1985.

SIMPLICITY OF TRANSVERSE SPECTRA ANALYSIS IN TERMS OF 'TRANSVERSE ENERGY'.

By Aachen-Berlin-Bonn-CERN-Cracow-Heidelberg-Warsaw Collaboration (J. Bartke et al.). AACHEN IIIB/8-76, Sep 1976. 13pp.
Nucl.Phys.B120:14,1977 (*Title changed in journal*)

INCLUSIVE PRODUCTION OF ANTI-K* (890) AND ANTI-K* (1420) IN K- P INTERACTIONS AT 10-GEV/C AND 16-GEV/C.

By Aachen-Berlin-CERN-London-Vienna Collaboration (H.G. Kirk et al.). CERN-EP-PHYS-76-13-REV, CERN-EP-PHYS-76-13, Jun 1976. 33pp.
Nucl.Phys.B116:99,1976.

DETERMINATION OF THE FIREBALL DIMENSIONS FROM SECOND ORDER INTERFERENCE BETWEEN TWO - PIONS.

By Aachen-Berlin-Bonn-CERN-Cracow-Heidelberg-Warsaw Collaboration (M. Deutschmann et al.). CERN/D.Ph.II/PHYS 75-44, Sep 1975. 27pp.
Nucl.Phys.B103:198,1976.

RHO0 AND F PRODUCTION IN PI+ P INTERACTIONS.

By Aachen-Berlin-Bonn-CERN-Cracow-Heidelberg-Warsaw Collaboration (M. Deutschmann et al.). CERN-D.PH.II-PHYS-75-29-REV, CERN-D.PH.II-PHYS-75-29, Jun 1975. 35pp.
Nucl.Phys.B103:426,1976

PRISM PLOT ANALYSIS OF THE REACTION PI+ P ---> P PI+ PI+ PI- AT 16-GEV/C.

By AACHEN-BERLIN-BONN-CERN-CRACOW-HEIDELBERG COLLABORATION (M. Deutschmann et al.). 1975.
Nucl.Phys.B86:221,1975, Erratum-ibid.B103:547,1976
