

Veröffentlichungen und Vorträge

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DESY-Kolloquien

DESY Lecture Series in Memory of Prof. Dr. W. Jentschke

D. GROSS (Univ. Santa Barbara/USA)
Future of Physics.
17. / 18.1.2005

DESY Heinrich-Hertz Lecture on Physics

F. WILCZEK (MIT/USA)
 $m = E/c^2$ - The Origin of Mass.
28.9.2005

DESY Forum on Pentaquarks

J. ELLIS (CERN/CH)
Theoretical Models of Exotic Baryons.

K. HICKS (Ohio Univ./USA)
Experimental Review of Pentaquarks: Positive and Null Results.
1.2.2005

Einsteinjahr 2005

B. FOSTER (Oxford/UK), J. LIEBECK (violin)
Superstrings.
27.-28.6.2005

Wissenschaftsforum Einstein bei DESY

J. MLYNEK (Helmholtz Gesellschaft)
A. WAGNER (DESY Hamburg/DE)
R. HEUER (DESY Hamburg/DE)
J. SCHNEIDER (DESY Hamburg/DE)
8.12.2005

BRIDFAS Lectures

P.A. RÖDER
Frozen Landscapes and Pleasures on Ice: Dutch Paintings of the
17th Century.
19.1.2005

N. TENNENT
Fakes and Forgeries: The Scientist as Detective.
16.2.2005

A. DAVIES
The Life and Times of Pepsy.
17.3.2005

D. HAGUE-HOLMES
Elgar: The Man of Contradictions.
20.4.2005

J. WARWICK-JAMES
Silver Skulduggery.
15.6.2005

A. ANDERSON
Charles Rennie Mackintosh: Mackintosh and the Glasgow Four.
14.9.2005

A. BURMA
The Art of Taste: Liberty of London - from Oriental Warehouse to
Lifestyle Store.
20.10.2005

P. MEDHURST
The Romantic Spirit: German Music and the Arts 1800 - 1850.
26.11.2005

P. MEDHURST
We Three Kings: Music, Art, Legends and Poetry Inspired by the
Magi.
1.12.2005

Festkolloquium zur Einweihung des Standorthörsaals und Verabschiedung der Professoren Büßer, Blobel und Scobel

J. BISPLINGHOFF (Bonn/DE)
Das Nukleon in Modell und Freiheit.

J. MEYER (DESY Hamburg/DE)
Die Stärken der schwachen Wechselwirkung.

E. LOHRMANN (Hamburg/DE)
Statistik in der Physik und im täglichen Leben.
31.3.2005

Festkolloquium für Herrn Dieter Haidt

A. WAGNER (DESY Hamburg/DE)
Welcome.

H. PIETSCHMANN (Wien/AT)
Weak Interactions - a Theoretical Perspective.

J. SCHNEPS (Tufts Univ./USA)
From Neutral Currents to Topical Neutrino Physics.
18.10.2005

Festkolloquium anlässlich der Pensionierung von MinDir Dr. Hermann Schunck

M. GRÖTSCHEL (TUB, Matheon, ZIB)
Mathematik: Schunck-Konstellationen.

A.M. BRADSHAW (IPP)
Der lange Weg zu ITER.

D. RICHTER (FZJ)
Forschung mit Neutronen.

J. SCHNEIDER (DESY Hamburg/DE)
Innovative Röntgenquellen: Faszinierende Werkzeuge für
Wissenschaft und Technik.

W. HENNING (GSI)
Kern(e) der Materie, Brennstoff der Sterne.

A. WAGNER (DESY Hamburg/DE)
Was hält nun die Welt im Innersten zusammen?

R. Maschuw (FZK)
Astroteilchenphysik.

S. Wittig (DLR)
Forschung im Weltraum.

D. Dzwonnek (FZJ)
Von Politik und Wissenschaftspolitik.
28.10.2005

Festkolloquium anlässlich der Verabschiedung von Prof. Dr. Bernd Sonntag.

G. MATERLIK (Diamond Light Source Ltd./UK)
Forschung mit Synchrotronstrahlung in Hamburg.

E. KENNEDY (Dublin/UK)
Interacting Short Wavelength Photons with Free Atoms and Ions.
21.11.2005

Academic Training

A. MÜLLER (Columbia Univ./USA)
The Theory and Phenomenology of High-Density QCD.
10–23.6.2005

DESY-Seminar

E. BERNARDINI (DESY Zeuthen/DE)
Search for High Energy astrophysical neutrinos with the
AMANDA detector at the South Pole.
11. / 12.1.2005

M. POHL (Geneva/CH)
FAST, Towards a ppm Measurement of the Fermi Coupling
Constant.
25. / 26.1.2005

W. HENNING (Darmstadt/DE)
FAIR – Facility for Antiproton and Ion Research. The Future
Project at GSI.
8. / 9.2.2005

A. GLAZOV (DESY Hamburg/DE)
Measurement of the CKM parameter $|V_{us}|$ by the KTeV
collaboration.
15. / 16.2.2005

M. AWRAMIK (DESY)
Latest results on theoretical prediction of Higgs boson mass.
23.2.2005

M. KUZE (Tokyo/JP)
The KASKA project – A Japanese medium-baseline reactor-
neutrino oscillation experiment to measure the mixing angle θ_{13} .
15. / 16.3.2005

D. SAMTLEBEN (Chicago/USA)
Measuring the Polarization of the Cosmic Microwave Background:
CAPMAP and QUIET.
22. / 23.3.2005

R. WALDI (Rostock/DE)
CP Violation at BABAR.
29. / 30.3.2005

F. SEFKOW (DESY HAMBURG/DE)
ILC status and prospects.
19.4.2005

M. DREES (Bonn/DE)
Astroparticle physics and the linear collider.
26. / 27.4.2005

H. FALCKE (ASTRON, Dwingeloo/NL)
LOFAR - More than just a radio telescope for cosmology and
astroparticle physics ...
3. / 4.5.2005

M. WING (London/UK)
P. di Nezza (Frascati/I)
Summary DIS Conference.
10. / 11.5.2005

O. BRÜNING (CERN/CH)
The LHC Collider.
24.5.2005

A. MÜLLER (Columbia Univ./USA)
Common threads in small-x physics, heavy ion collisions and
reaction-diffusion processes in statistical physics.
7.6.2005

J. MNICH (Aachen/DE)
Standard model physics at the LHC.
8. / 28.6.2005

J.W. VAN HOLTEN (NIKHEF/NL)
The HISPARC project, a view from the bottom.
14. / 15.6.2005

T. LOHSE (Berlin/DE)
TeV-Gamma Ray Astrophysics with the H.E.S.S. Telescopes.
21. / 22.6.2005

C. HAGNER (Univ. Hamburg/DE)
Status of neutrino experiments
29.6.2005

S. TAPPROGGE (Mainz/DE)
The ATLAS experiment at LHC: status and perspectives.
12.7.2005

G. ROLANDI (CERN/CH)
The CMS experiment at LHC.
2.8.2005

U. STÖSSLEIN, A. GUFFANTI
EPS 2005 Conference Summary 6. / 7.9.2005

S. BRODSKY (SLAC/USA)
Novel Phenomena in QCD.
13.9.2005

W. LOHMANN (DESY)
Physics and Detectors at ILC.
14.9.2005

W. DE BOER (Karlsruhe/DE)
Indirect Evidence for Dark Matter Annihilation from the EGRET
Excess of Diffuse Galactic Gamma Rays.
20. / 21.9.2005

K. SENGSTOCK (Hamburg/DE)
Laserphysics in Hamburg.
11.10.2005

P. MULDER (Vrije Universiteit Amsterdam)
Time Reversal Odd Phenomena in QCD.
12.10.1005

C.B. KRAUSS (Queen's Univ./CA)
Recent Results from SNO.
19. / 20.10.2005

T. Y. CAO (Boston/USA)
Murray Gell-Mann's Hesitant Breakthrough in the formulation of
QCD.
25.10.2005

S. EISEBITT (Berlin/DE)
Femtosecond Snapshot Holography: Today's Reality and Visions
of the Future.
26.10. / 15.11.2005

M. ROTH (Karlsruhe/DE)
Recent results from AUGER.
1. / 2.11.2005

K. ZIOUTAS (CERN/CH)
Recent results from the CERN Axion Solar Telescope (CAST).
8. / 9.11.2005

P. YOCK (University of Auckland, NZ)
The MOA Project on Gravitational Microlensing and the Detection
of Terrestrial Extrasolar planets.
10.11.2005

N. HOLTKAMP (Oak Ridge National Laboratory)
Construction and Commissioning of the Spallation Source in Oak
Ridge.
16.11.2005

A. ZICHICHI (Bologna/IT)
Complexity at the Elementary Level.
22. / 23.11.2005

V. SCHOMERUS (DESY Hamburg/DE)
Strings for everybody.
23. / 29.11.2005

R.K. ELLIS (Fermilab/CERN)
Progress and Challenge in Perturbative QCD.
30.11.2005

G. VENEZIANO (CERN/CH)
Cosmology: a particle theorist's view.
6.12.2005

K. LONG (Imperial College London/UK)
Muon cooling, neutrino factories and MICE.
13. / 14.12.2005

Innerbetriebliche Fortbildung

W. SINGER (DESY Hamburg/DE)
Vom supraleitenden Niob zum HF-Resonator.
19.1.2005

V. GÜLZOW (DESY Hamburg/DE)
Die zentrale DESY-IT-Versorgung in Hamburg.
9.3.2005

J. BECKER (Langerwehe/DE)
Die Altersversorgung im öffentlichen Dienst.
13.4.2005

K.W. GRAFF (Ludwigsburg/DE)
Einstein als Erfinder.
20.4.2005

Öffentliche Abendvorträge

- U. GÄHDE (Hamburg/DE)
Gedankenexperimente in Naturwissenschaft und Philosophie.
2.2.2005
- T. BEHNKE (DESY Hamburg/DE)
DESY: Kräfteressourcen im Universum.
23.2.2005
- P. MISCHNICK (Braunschweig/DE)
Chemie - schon für Kinder ein faszinierendes Handwerk.
2.3.2005
- E. WIESE (Hamburg/DE)
Der Hamburger Hafen - ein Blick hinter die Kulissen.
6.4.2005
- K. V. KLITZING (Stuttgart/DE)
Einstein's Nobelpreis und die moderne Nanoelektronik.
4.5.2005
- W. ALPERS (Hamburg/DE)
Die große Tsunami-Flut von 2004 in Satellitenbildern und
Computer- Simulationen.
1.6.2005
- S. BAKAN (Hamburg/DE)
Der beobachtete Klimawandel, seine Ursachen und Folgen.
6.7.2005
- J. JOCHUM (Tübingen/DE)
Dunkle Materie: Blick in den Kosmos aus dem Inneren der Berge.
16.11.2005
- T. FAESTERMANN (München/DE)
Konnten die Vormenschen eine Supernova beobachten?
23.11.2005
- P. AUFMUTH (Berlin/DE)
Gravitationswellen: der Klang des Universums.
30.11.2005
- W. HOFMANN (Heidelberg/DE)
Blaue Blitze aus dem Kosmos: Auf der Jagd nach dem kosmischen
Teilchenbeschleuniger.
7.12.2005

Vorträge – Direktorium

U. GENSCH

DESY Overview & HPC at DESY.
SFB Treffen, DESY, Zeuthen/DE (2005)

Überblick DESY.
HGF Workshop, DESY Hamburg/DE (2005)

R.-D. HEUER

The ILC and DESY.
5th Workshop on Scientific Cooperation, JINR, Dubna/RU (2005)

Mit einem Teilchenbeschleuniger auf der Suche nach dem Bauplan
des Universums.
Vortragsreihe zum Einsteinjahr, Bayreuth/DE (2005)

Der TeV Linear Collider – Faszination und Herausforderung.
Hauptvortrag DPG Frühjahrstagung, Berlin/DE (2005)

Future Physics Programme at DESY or The Roadmap of DESY.
Particle Physics Seminar, CERN, Genf/CH (2005)

The International Linear Collider ILC: Why – How – When.
Partikeldag 05, Lund/SE (2005)

The International Linear Collider ILC – Status Report.
Workshop on High Intensity Frontier, Elba/IT (2005)

The International Linear Collider ILC – Status Report.
Konferenz PLC05, Kazimierz/PL (2005)

The International Linear Collider ILC: Physics – Detector –
Accelerator.
Sommerschule Maria Laach/DE (2005)

The Role of Accelerators in a “Dark World.”
ICFA Seminar, Daegu/KR (2005)

Forschung am Deutschen Elektronen Synchrotron DESY heute
und morgen.
Aachen/DE (2005)

Mit dem Teilchenbeschleuniger auf der Suche nach dem Bauplan
des Universums.
Siegen/DE (2005)

J. SCHNEIDER

Overview on storage ring based synchrotron radiation activities in
Germany.
Status of European XFEL Facility Project.
China-Germany Workshop on Free Electron Lasers, Beijing/RC
(2005)

Current and Future Applications of Synchrotron and XFEL
Radiation.

General Conference of the European Physical Society: Beyond
Einstein – Physics for the 21st Century, Bern/CH (2005)

European XFEL Facility in Hamburg: Wissenschaftliches Potential
und Stand des Projektes.

Informationstreffen über derzeitige und zukünftige Forschungsmöglichkeiten für harte und weiche Röntgenstrahlung bei DESY, DESY, Hamburg/DE (2005)

Hard X-Ray Free Electron Lasers: Short Pulse X-Ray Science. Particle Accelerator Conference, Knoxville/USA (2005)

Free Electron Lasers: A revolutionary tool for nano-scale sciences. 5th National Conference on Application of X-rays, Synchrotron Radiation, Neutrons and Electrons for Investigations of Nanomaterials and Nanosystems Moskau/RU (2005)

Introduction to New X-Ray Sources. Gordon Research Conferences on X-Ray Physics, Plymouth/USA (2005)

Research with Free Electron Lasers for Soft and Hard X-Rays. The Photon: Its First 100 Years and the Future, Warschau/PL (2005)

D. TRINES

Status of the FEL at the TESLA Test Facility on Generation of Super-Bright VUV Radiation. 5th Workshop on the Scientific Cooperation between German Research Centres and JINR, Dubna/RU (2005)

A. WAGNER

Modernste Technik im Süden Schleswig-Holsteins. Drei-Königs-Treffen der FDP Steinburg/DE (2005)

Accelerator Physics – Quo Vadis? Symposium für Prof. J. Wess, München/DE (2005)

Matter, Energy, Space and Time – The International Linear Collider. GSI, Darmstadt/DE (2005)

The International Linear Collider – Why and How?. Science with Photons at DESY, ILC Seminar INP Krakau/PL (2005)

Photon Science at DESY. Polish Academy of Sciences, PAN Warschau/PL (2005)

Accelerators Exploring the Facets of Matter – Russia and DESY Joining Forces. Eröffnung HGF-Büro Moskau/RU (2005)

The Road Map for DESY. SLAC, Menlo Park/USA (2005)

Global Laboratory. AAAS Washington/USA (2005)

Teilchenphysik – Quo Vadis? Rotary Club Hamburg/DE (2004)

Sehen, was die Augen nicht erfassen. Universitätsgesellschaft Hamburg/DE (2005)

A Strategic Tool for Science in Europe. XFEL-Präsentation im „Hanse-Office“, Brüssel/BE (2005)

Matter, Energy, Space and Time: The International Linear Collider. Russian Academy of Sciences, Siberian Branch / General Assembly (2005)

Theory Meets Experiment – What Will Nature Teach us During the Next Decade? Würzburg/DE (2005)

Lecture on the occasion of the formal signing of a Cooperation, Agreement between NSRP and DESY, Bangkok/TH (2005)

Wie organisiert man den Erfolg von Big Science?. Deutsche Hochschule für Verwaltungswissenschaften, Speyer/DE (2005)

Einstein und das Licht; was wissen wir 100 Jahre später? Wissenschaftssommer auf Sylt/DE (2005)

The two Phases of the Photon. The Role of the Photon in Particle Physics. The Photon Centenary, Warschau/PL (2005)

CNRS (and France) at DESY. 25 Jahre CNRS-Büro in Deutschland (2005)

Light and Matter. Pohang Accelerator Laboratory/KR (2005)

Vision for the Future: The Point of View of DESY. Int. Conf. on Particles and Nuclei (PANIC05), Santa Fe/USA (2005)

Quarks and Nanotechnology. Deutschland-Japan-Meeting, Tokyo/JP (2005)

Forschung Hochenergiephysik

H1-Experiment

Veröffentlichungen

H1 KOLLABORATION, C. ADLOFF et al.

Measurement of Beauty Production at HERA Using Events with Muons and Jets.

Eur. Phys. J. C41 (2005) 453 und DESY 05-004, hep-ex/0502010

Measurement of Charm and Beauty Photoproduction at HERA Using $D^*\mu$ Correlations.

Phys. Lett. B621 (2005) 56 und DESY 05-040, hep-ex/0503038

Measurement of Deeply Virtual Compton Scattering at HERA.

Eur. Phys. J. C44 (2005) 1 und DESY 05-065, hep-ex/0505061

Search for Leptoquark Bosons in ep Collisions at HERA.

Phys. Lett. B629 (2005) 9 und DESY 05-087, hep-ex/0506044

A Determination of Electroweak Parameters at HERA.

DESY 05-093, hep-ex/0507080, zur Veröffentl. in Phys. Lett. B

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

Eur. Phys. J. C45 (2006) 23 und DESY 05-110, hep-ex/0507081

Forward Jet Production in Deep Inelastic Scattering at HERA.

DESY 05-135, hep-ex/0508055, zur Veröffentl. in Eur. Phys. J.

Elastic J/Ψ Production at HERA.

DESY 05-161, hep-ex/0510016, zur Veröffentl. in Eur. Phys. J.

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

DESY 05-225, hep-ex/0512014, zur Veröffentl. in Eur. Phys. J.

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

DESY 05-249, hep-ex/0512060, zur Veröffentl. in Phys. Lett. B

Veröffentlichte Vorträge

Proc. of the 13th Int. Workshop on Deep Inelastic Scattering (DIS2005), Madison/USA (2005)

T. ANTHONIS

Multiplicity Structure in Inclusive and Diffractive Deep Inelastic e^+p Collisions at HERA.

M. BECKINGHAM

Diffractive $D^{*\pm}$ Meson Production in Deep-Inelastic Scattering at HERA.

O. BEHNKE

New Results from H1.

Measurement of Beauty Production at HERA Using Events with Muons and Jets.

A. BUNYATYAN

Measurement of Dijets with a Leading Neutron in ep Interactions at HERA.

K. DAUM

Analysis of the Anti-Charmed Baryon State at H1.

F. FERENCZI

Measurement of Prompt Photon Cross Sections in Photoproduction at H1.

L. FINKE

Measurement of Beauty and Charm Production at H1 Using Inclusive Lifetime Tagging.

G. FLUCKE

Photoproduction of D^* Mesons and D^* Mesons Associated with Jets at HERA.

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New Measurement of DVCS Cross Section at HERA.

C. GWILLIAM

Diffractive Photoproduction of ρ Mesons with large Momentum Transfer at HERA.

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New Data on Elastic J/Ψ Production from H1 at HERA.

M. KLEIN

Physics at HERA and Beyond.

T. KLIMKOVICH

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

T. KLUGE

Multi Jet Production at High Q^2 .

A. KNUTSSON

Measurement of Forward Jet Production at low x in DIS.

P. LAYCOCK

H1 F_2^D and Diffractive Charged Current Results.

L. LINDFELD

Search for Leptoquarks and Lepton Flavor Violation at the H1 Experiment.

E. LOBODZINSKA

Measurement of the Proton Structure Function F_2 at Low Q^2 in QED Compton Scattering at HERA.

N. MALDEN

Measurement of Charm and Beauty Photoproduction at HERA Using $D^*\mu$ Correlations.

M. MARTISIKOVA

Study of Jet Shapes in Charm Photoproduction at HERA.

M. MOZER

Diffractive Dijets in DIS and Photoproduction.

A. NIKIFOROV

Polarisation Dependence of the Total CC $e^\pm p$ Cross Section.

A. PERIEANU

The Structure of Charm Jets in Deep-Inelastic Scattering.

A. PETRUKHIN

Measurement of the Structure Functions $F_2(x, Q^2)$ and $F_L(x, Q^2)$ at Low Q^2 .

B. PORTHEAULT

Determination of Electroweak Parameters at HERA with the H1 Experiment.

C. RISLER

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

S. RURIKOVA

Charm Fragmentation Fractions and the Charm Fragmentation Function.

A. SCHÖNING

Multi-Lepton Events at H1 and Search for Doubly-Charged Higgs Bosons.

D. SOUTH

SUSY Searches at H1.

C. VEELKEN

Search for Events with Isolated Leptons and Large Missing Transverse Momentum.

Proc. of the Int. Europhysics Conf. on High Energy Physics (HEP2005), Lisboa/PT (2005)

O. BEHRENDT

F_2 at Low Q^2 .

J. BRACINIK

Charm Fragmentation.

V. CHEKELYAN

Heavy Quarks in DIS, F_2^{charm} and F_2^{beauty} .

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Charged Multiplicities in Inclusive and Diffractive DIS.

A. DUBAK

A General Search for New Phenomena at HERA and a Search for Magnetic Monopoles.

G. FLUCKE

Final State Correlations in Charm Production at HERA.

T. GREENSHAW

Test of the QCD Sector of the SM.

B. NAROSKA

Beauty Production.

C. NIEBUHR

Dijets at Low x and low Q^2 .

J. OLSSON

Elastic Vector Meson Production and DVCS at HERA.

D. OZEROV

The Charmed Pentaquark.

R. WOLF

D^* Production in Diffractive Processes.

E. SAUVAN

Search for the Doubly Charged Higgs at HERA.

S. SCHMITT

Search for Leptoquarks and Lepton Flavour Violation at HERA.

L. SCHOEFFEL

Inclusive NC and CC Diffraction.

A. SPECKA

Jets and α_s .

Z. ZHANG

A Determination of Electroweak Parameters at HERA.

Proc. of the Workshop on Deep Inelastic Scattering, Diffraction and Related Matters (Lowx2005), Sinaia/RO (2005)

E. DE WOLF

Studies of the Diffractive Final State with the H1 Detector.

C. GWILLIAM

H1 Measurements of Deeply Virtual Compton Scattering and Vector Meson Production.

K. KRÜGER

H1 Measurements of F_2 , F_2^c and F_2^b .

D. TRAYNOR

Studies of the Hadronic Final State with the H1 Detector.

A. VALKAROVA

H1 Measurements of the Structure of Diffraction and Tests of Factorisation.

Proc. of the HERA-LHC Workshop, DESY Hamburg/DE und CERN Geneva/CH (2004/2005)

O. BEHNKE

Beauty Production at HERA.

B. COX

Forward Physics at the LHC.

F. EISELE

HERA Collider Physics.

A. GEISER

Using JetWeb to Relate HERA-LHC.
Outlook on Heavy Flavour Physics at HERA II.
WG3 - Heavy Quarks Summary.

S. GLAZOV

Precision Limits for the Structure Function Measurements at HERA.
Averaging of the Structure Functions – Update II.

X. JANSSEN

Prospects for Diffraction at HERA-II with the H1 Very Forward Proton Spectrometer.

H. JUNG

RapGap Development.
Constraining the Unintegrated Gluon.

M. KAPISHIN

Perspectives for Diffraction at H1.

M. KLEIN

On the Determination and Measurement of the Light Parton Distributions at Low x at HERA.

V. LENDERMANN

Introduction to Monte Carlo Tools – HZTool.
Summary of WG5 'MC' Tools.

P. VAN MECHELEN

Generator Study of Diffractive Drell-Yan Production of Lepton Pairs at CMS.

A. B. MEYER

Quarkonium Production, QWG Summary.

P. NEWMAN

HERA Diffractive Structure Function Data and Parton Distributions.
Prospects for F_L^D Measurements at HERA-II.

K. PETERS

Investigations of Non-Linear Effects.

P. THOMPSON

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

J. TURNAU

Mutliple Interactions and Forward Jets.

Proc. of the Ringberg Workshop on New Trends in HERA Physics, Ringberg Castle, Tegernsee/DE (2005)

O. BEHNKE

Beauty Production at HERA.
Inclusive Diffraction and DVCS Present Measurements and Prospects.

J. FELTESSE

On a Measurement of the Longitudinal Structure Function F_L at HERA.

L. GOERLICH

QCD Dynamics from the Forward Hadrons and Jets Measurements.

V. LENDERMANN

Measurements at Low Q^2 .

J. MEYER

Electroweak Measurements at HERA.

E. PEREZ

Beyond the Standard Model Searches at HERA.

D. TRAYNOR

Jet Production at HERA.

Proc. of the 2nd Hadron Structure and QCD Workshop (HSQCD2005), St. Petersburg/RU (2005)

N. BERGER

Deeply Virtual Compton Scattering at HERA.

V. DODONOV

Diffraction at HERA.

J. GAYLER

Proton Structure from HERA.
Experimental Summary.

D. SOUTH
BSM Searches.

Proc. of the 35th Int. Symposium in Multiparticle Dynamics (ISMD2005), Kromeriz/CZ (2005)

B. DELCOURT
Multiplicity Structure of Inclusive and Diffractive Scattering at HERA.

S. LEVONIAN
Factorisation and Factorisation Breaking in Diffractive Scattering at HERA.

K. SEDLAK
Jets in Photoproduction at HERA.

W. YAN
Energy Flow, Multiplicities at HERA.

Proc. of the 16th Int. Conf. on the Structure and Interactions of the Photon (PHOTON2005), Warsaw/PL (2005)

J. GAYLER
Recent Results in Prompt Photon Production.

C. GRAB
Beauty Production at HERA.

X. JANSSEN
Deeply Virtual Compton Scattering and Prompt Photon Production at ZEUS and H1 Experiments.

A. KROPIVNITSKAYA
Spectroscopy at HERA.

A. B. MEYER
Heavy Quark Production Overview.

P. THOMPSON
Heavy Flavour Contribution to the Proton Structure.

A. ASTVATSATOUROV
The Structure of Diffraction and the Diffractive Hadronic Final State in ep Collisions at HERA.
Proc. of the 12th High Energy Physics Int. Conf. on Quantum Chromodynamics (QCD2005), Montpellier/FR (2005)

V. BLOBEL
A New Fast Track-Fit Algorithm Based on Broken Lines.
Proc. of Statistical Problems in Particle Physics, Astrophysics and Cosmology, (PHYSTAT05), Oxford/UK (2005)

A New Fast Track-Fit Algorithm Based on Broken Lines.
Software Alignment for Tracking Detectors.
Proc. of the Workshop on Tracking in High Multiplicity Environments (TIME05), Zürich/CH (2005)

G. BUSCHHORN
Recent Results from H1.
Proc. of the Int. Conf. on New Trends in High Energy Physics (Crimea2005), Yalta/UA (2005)

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69. Jahrestagung der Deutschen Physikalischen Gesellschaft,
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Nanocomposites 2005, Bocheville (Montreal)/CA (2005)

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International Conference on Frontiers in Polymer Materials,
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- XXXIV International School on the Physics of Semiconducting Compounds, Jaszowiec/PL (2005)
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- SCS-Fall Meeting, Lausanne/CH (2005)
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- 4th Symposium of Science and Technology of Nanomaterials in Slovenia, Ljubljana/SI (2005)
- The XIX Conference of the Polish Neurological Society, Lodz/PL (2005)
- IX International Conference on Crystal Chemistry of Intermetallic Compounds, Lviv/UA (2005)
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- 15th Annual VM Goldschmidt Conference, Moscow/USA (2005)
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- Gordon Research Conference on Muscle: Contractile Proteins, New London/USA (2005)
- 14th International Symposium Spectroscopy in Theory and Practice, Nova Gorica/SI (2005)
- All-Ukrainian Congress Physics in Ukraine, Odessa/UA (2005)
- Annual Meeting of American Crystallographic Association ACA 2005, Orlando/USA (2005)
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- Gordon Research Conferences on X-Ray Physics, Plymouth/USA (2005)
- International Workshop on Phase Retrieval and Coherent Scattering, Porquerolles/FR (2005)
- IX. Conference and exhibition of the European Ceramic Society, Portoroz/SI (2005)
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- International Conference on Physics of Magnetic Materials, Poznan/PL (2005)
- European Congress on Advanced Materials and Processes, Prague/CZ (2005)
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- International Workshop on the Application of Microporous and Mesoporous Materials as Catalytic Hosts for Fe, Cu and Co, Scheveningen/NL (2005)
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- International Conference on Energy Technologies for a Sustainable Future ETSF 5, Villigen/CH (2005)
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Habilitationen

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A. BERDYCHEVSKY

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I.N. DEMCHENKO

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J. GRABIS

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P. KEIL

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O. MARGEAT

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A. MEENTS

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