

Veröffentlichungen und Vorträge

DESY-Kolloquien

DESY Heinrich-Hertz Lecture on Physics

G. T'HOOFT (Univ. Utrecht/NL)
Black Holes and Quantum Mechanics.
24.09.2003

Festkolloquium für Walter Schmidt-Parzefall

M. DANILOV (ITEP Moskau/RUS)
20 Years with ARGUS

D. MacFARLANE (Univ. of California/USA)
Perspectives on B Physics.
27.11.2003

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

K.C. HOLMES (MPI for Medical Research, Heidelberg/D)
The Impact of Synchrotron Radiation on Molecular Biology.
4.12.2003

Academic Training

M. DIEHL (DESY Hamburg/D)
Generalized Parton Distributions.
3.–7.11.2003

E. IANCU (Saclay/F)
QCD at High Energies.
17.–20.11.2003

Vorträge – Innerbetriebliche Fortbildung

S. BLUDMAN (Hamburg/D)
What was the Star of Bethlehem?
8.1.2003

B. SEITZ (Gießen/D)
HERMES: vom Spinrätsel zur femto-Fotographie.
22.1.2003

K. ZAPFE, D. RESCHKE (Hamburg/D)
Tibet – ein Reisebericht vom Dach der Welt.
29.1.2003

D. STÖFFLER (Berlin/D)
Ist der Mond himmlische Erde?
12.2.2003

C. SCHERF (Hamburg/D)
Wie sich die DESY-Administration auf TESLA vorbereitet.
26.2.2003

S. RÜSCH-GERDES (Borstel/D)
Der Tuberkelbazillus – immer noch Geißel der Menschheit?
19.3.2003

K. WILLE (Dortmund/D)
Beschleuniger in der Grundlagenforschung und ihre Entwicklung.
26.3.2003

T. HENSCHERL (Berlin/D)
Welche Bildung brauchen wir für das Wissenszeitalter?
16.4.2003

D. MILSTEAD (Liverpool/GB)
Chasing the Magnetic Monopole.
23.4.2003

W. SCHLOSSER (Bochum/D)
Die Himmelsscheibe von Nebra – ein früher Blick des Menschen
in den Kosmos.
30.4.2003

O. STRANGFELD (Frankfurt a.M./D)
Perspektive Deutschland – wie sehen die Bürger ihren Staat?
14.5.2003

R. SÜSSMUTH (Berlin/D)
Bildungs- und Wissenschaftspolitik – Diskrepanzen zwischen
programmatischer Ankündigung und praktischer Umsetzung.
25.6.2003

J. WAMBSGANSS (Potsdam/D)
Auf der Suche nach Planeten um andere Sonnen.
9.7.2003

A. WAGNER (Hamburg/D)
DESYs Zukunft: Neue Anlagen und neue Wege.
3.9.2003

C. LEITZMANN (Gießen/D)
Prävention von Zivilisationskrankheiten durch richtige Ernährung.
10.9.2003

U. VOIGT (Hamburg/D)
Was ist Mnemotechnik?
17.9.2003

D. ELSCHENBROICH (Frankfurt a.M./D)
Kinder als Naturforscher.
15.10.2003

D. LÜST (Berlin/D)
Strings und Membrane – eine neue Theorie zur Struktur von
Elementarteilchen, Raum und Zeit.
29.10.2003

K. HOEPFNER (Aachen/D)
Vorstoß zu neuen Energien – das Entdeckungspotential zukünftiger
CERN-Experimente.
26.11.2003

PHYSIKANTEN & CO (Dortmund/D)
Platsch! – Die interaktive Wasser-Show.
17.12.2003

Öffentliche Abendvorträge am DESY

M. SCHROEDER (Göttingen/D)
Entwicklung und Zukunft der Physik.
5.2.2003

H. RUDER (Tübingen/D)
Was Einstein noch nicht sehen konnte.
5.3.2003

K. HEINLOTH (Bonn/D)
Energie – Optionen für die Zukunft.
4.6.2003

R. HILGENFELD (Lübeck/D)
SARS – ein Jahr nach dem Ausbruch.
5.11.2003

R. HAENSEL (Kiel/D)
Licht mit Zukunft: die Synchrotronstrahlung.
9.12.2003

Vorträge – Direktorium

R. KLANNER

Schülerförderung am DESY.
Vortrag am Heraeus Seminar über Schülerförderung, Wittenberg/D
(2003)

Physics Results from HERA and News from DESY.
Seminar, University Geneva, Geneva/CH (2003)

Recent Particle Physics Results from DESY.
Theory Workshop, Hamburg/D (2003)

DESYs Strategie für Teilchen- und Astroteilchen-Physik.
Treffen des Komitees für Elementarteilchenphysik, Hamburg/D
(2003)

J.R. SCHNEIDER

Synchrotron Radiation Research at DESY: PETRA III and XFEL.
EMBL Review Board Meeting, Hamburg/D (2003)

X-ray Free-Electron Lasers.
Risoe Workshop on „Future need Large Scale Facilities for Syn-
chrotron Radiation and Neutrons“, The Royal Academy, Copen-
hagen/DK (2003)

European XFEL Laboratory Project.
5th Meeting of the European Strategy Forum on Research Infra-
structures, Brussels/B (2003)
7th Meeting of the European Strategy Forum on Research Infra-
structures, Trieste/I (2003)
Treffen der Wissenschaftsattachés, BMBF, Berlin/D (2003)

Freie-Elektronen Laser: Zeitenwende für die naturwissenschaftliche
Forschung mit Röntgenstrahlung.
Kolloquium der Naturwissenschaftlichen Fakultät der Universität
Kiel, Kiel/D (2003)

X-ray Free-Electron Laser Projects at DESY.
SNS, Oak Ridge National Laboratory, Oak Ridge/USA (2003)

The DESY VUV-FEL and Plans for a European XFEL Laboratory.
Brookhaven National Laboratory, Upton/USA (2003)

New X-ray Sources.
Gordon Conference on X-ray Physics, Bristol/USA (2003)

Röntgenlaser bei DESY: Der schnelle Blick auf die Atome.
IFF-Kolloquium, Forschungszentrum Jülich, Jülich/D (2003)

Free-Electron Laser Activities at DESY.
Workshop on the Use of Free Electron Lasers, Kista, Stockholm/S
(2003)

Von Pioniergeist getragen: Forschung mit Synchrotronstrahlung
und Freie-Elektronen-Laser.
Feier des 75. Geburtstages von Professor Dr. Dr. h.c. Ulrich Bonse,
Universität Dortmund, Dortmund/D (2003)

Forschung mit Synchrotronstrahlung bei DESY.
ANKA-BESSY-DESY Industrieforum „In-situ Charakterisierung
katalytischer Prozesse“, Hamburg/D (2003)

VUV and Hard X-ray SASE Free-Electron Laser User Facilities at DESY.

ESF-Workshop 2003: Opportunities and Challenges for Atomic and Molecular Science at the new European VUV- and X-FEL sources, Berlin/D (2003)

D. TRINES

Status of Accelerator Physics at DESY.
Kolloquium, IHEP, Protvino/RUS (2003)

A. WAGNER

TESLA – A new Tool for Science.
Kolloquium, Universität Mainz/D (2003)
Kolloquium, Novosibirsk/RUS (2003)
Babcock Noell Nuclear Symposium Leipzig/D (2003)
Kolloquium, Universität Krakau/PL (2003)

Die Zukunft der Teilchenphysik – Neue Beschleuniger, entscheidende Erkenntnisse.
Universität Göttingen/D (2003)

Status and Plans of TESLA.
LC Workshop, Amsterdam/NL (2003)

TESLA – Discovery through Precision.
St. Petersburg/RUS (2003)

DESY Zeuthen, HERA, Major Events since last ECFA Meeting Nov. 02.
ECFA at CERN/CH (2003)

Road Map for High Energy Physics – The DESY View.
EPS Aachen/D (2003)

Materie, Raum und Zeit.
Öffentl. Abendvortrag, Aachen/D (2003)

Understanding Matter, Energy, Space and Time: The Case for the e^+e^- Linear Collider.
Seminar, Universität Krakau/PL (2003)

TESLA and the International LC.
ECFA Workshop, Montpellier/F (2003)

New Funding Framework for DESY, HERA, FELs, Linear Collider.
ECFA at CERN/CH (2003)

From Inanity to Infinity – Beschleuniger erforschen das Universum.
Abendvortrag Planetarium Hamburg/D (2003)

Forschung Hochenergiephysik

H1 Experiment

Veröffentlichungen

H1 COLLABORATION

Measurement and QCD Analysis of Neutral and Charged Current Cross Sections at HERA.

Eur. Phys. J C30 (2003) 1-32 und DESY-03-038/hep-ex/0304003

Search for New Physics in $e^\pm q$ Contact Interactions at HERA.
Phys. Lett. B568 (2003) 35-47 und DESY-03-052/hep-ex/0305015

Diffraction Photoproduction of J/ψ Mesons with Large Momentum Transfer at HERA.

Phys. Lett. B568 (2003) 205-218 und DESY-03-061/hep-ex/0306013

Multi-Electron Production at High Transverse Momenta in ep Collisions at HERA.

Eur. Phys. J C31 (2003) 17-29 und DESY-03-082/hep-ex/0307015

Search for Single Top Quark Production in ep Collisions at HERA.
Subm. to Eur. Phys. J. C and DESY-03-132/hep-ex/0310032

Muon Pair Production in ep Collisions at HERA.

Subm. to Phys. Lett. B and DESY-03-159/hep-ex/0311015

Inclusive Dijet Production at Low Bjorken-x in Deep Inelastic Scattering.

Subm. to Eur. Phys. J and DESY-03-160/hep-ex/0310019

Measurement of Dijet Production at Low Q^2 at HERA.

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YU.A. BASHMAKOV ET AL.

An Electromagnetic Calorimeter with a Transversal Orientation of the Scintillating Fibers.

Instruments and Experimental Techniques, Vol. 46, No. 4 (2003) 462-466

Veröffentlichte Vorträge

XIth Intern. Worksh. on Deep Inelastic Scattering (DIS), St. Petersburg/R (2003) Proceedings

B. ANDRIEU

Inclusive Jet Cross Section in Photoproduction at H1.

M. BECKINGHAM

Production of J/ψ Mesons at High t and the Study of $\gamma p \rightarrow \gamma p$.

Y. COPPENS

Measurement of F_2D .

B. DELCOURT

Measurement of the Jet Charge in Deep-Inelastic Scattering at H1.

- A. DUBAK
Neutral and Charged Current Cross Sections and the Measurement of xF_3 .
- P. FLEISCHMANN
Elastic Photoproduction of J/ψ Mesons and ρ Meson Production in DIS at Low t .
- G. FLUCKE
 D^* Production in $\gamma - p$ Collisions at H1.
- G. FRISING
Isolated Lepton Production at H1.
- C. GERLICH
Beauty in Photoproduction at H1.
- L. GÖRLICH
Forward Jet and Pion Production in Deep-Inelastic Scattering at H1.
- R. LEMRANI
Prompt Photon Production in ep Collisions, Recent H1 and ZEUS results.
- V. LENDERMANN
Measurement of F_2 at Low Q^2 Using QED Compton Scattering at HERA.
- B. LIST
Heavy Flavour Physics at HERA-II.
- E. LOBODZINSKA
A Determination of F_L at Low Q^2 .
- S. MAXFIELD
A Search for Magnetic Monopole Production at H1.
- A. MEHTA
Electroweak and BSM.
- B. NAROSKA
Heavy Flavours.
- E. PEREZ
 R_p Violating SUSY at H1.
- R. PÖSCHL
H1 Results on Dijet Production at Low x .
- B. REISERT
QCD Fits and the Extraction of the Parton Distribution Functions.
- S. SCHÄTZEL
Comparison of Final States in Diffraction with QCD Predictions.
- J. SCHEINS
Contact Interactions and Limits on Leptoquark Production and Other New Physics at H1.
- S. SCHMIDT
Jet Production in Deep-Inelastic Charm Events at H1.
- A. SCHÖNING
Search for Single Top Production in ep Collisions at H1.
- M. SCHNEIDER
Searches for Excited Fermions at H1 and ZEUS.
- F. SEFKOW
Heavy Flavour Summary.
- A. SPECKA
Inclusive Jet Production in Deep-Inelastic Scattering at H1.
- M. SUTTON
Scaling Violations and α_s .
- International Europhysics Conference on High Energy Physics (EPS2003), Aachen/D (2003) Proceedings**
- O. BEHNKE
Beauty Production in Electron-Proton Collisions.
- K. DAUM
Studies of the Photoproduction of Charm.
- L. FAVART
Studies of DVCS and High $|t|$ Photon Production with the H1 Detector.
- T. KLUGE
Event Shape and Jet Sub-Structure Studies at HERA.
- T. LASTOWICKA
Measurements of F_2 and F_L at Low Q^2 .
- B. LIST
Measurements of Meson Production in ep Scattering at H1.
- D. MILSTEAD
Search for Magnetic Monopoles Produced in ep Collisions.
- R. PÖSCHL
Parton Dynamics Revealed in Measurements of Forward Jet and Pion Production in DIS.
- E. RIZVI
QCD Fits to Structure Function Measurements.
- F.-P. SCHILLING
Diffractive Interactions at H1.
- P. SCHLEPER
Experimental Tests of QCD.
- C. SCHWANENBERGER
A Review of Searches for R_p Violating SUSY.
- P. THOMPSON
Inclusive Measurements of Diffractive DIS at H1.
- M. WESSELS
Generic Searches for New Physics Phenomena.
- T. ANTHONIS
Diffractive Final States.
Proc. of the Low x Workshop on DIS, Diffraction and Related Subjects (Lowx2003), Nafplio/G (2003)
- O. BEHNKE
H1 Results on Beauty Production.
Proc. of Heavy Quark Physics at the Upgraded HERA Collider (HQHERA2), Rehovot/Israel (2003)

V. BLOBEL

Some Comments on χ^2 Minimisation Applications.
Proc. of PHYSTAT2003, SLAC, Stanford, California/USA (2003)

D. BROWN

Measurements of DVCS and High $|t|$ Vector Meson Production at HERA.

Proc. of the Moriond-Conference on QCD and High Energy Hadronic Interactions (Moriond-QCD), Les Arcs/F (2003)

Diffraction Vector Meson Production at HERA.

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Diffraction Photon and Vector Meson Production at Large $|t|$ at HERA.

Proc. of the Worksh. on Small- x and Diffraction Physics (Smallx03), Fermilab/USA

A. BUNYATIAN

Diffraction at HERA.

Proc. of the Xth International conf. of Hadron Spectroscopy (Hadron2003), Aschaffenburg/D (2003)

G. BUSCHHORN

Jet Studies and α_s Measurements at HERA.

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V. CHEKELIAN

α_s and the Gluon Density from Structure Functions.

Proc. of New Trends in HERA Physics (Ringberg03), Schloß Ringberg, Tegernsee, Bavaria/D

B. COX

Rapidity Gaps Between Jets.

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J. CVACH

Photoproduction of jets and Prompt Photons.

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K. DAUM

Heavy-Flavour Production in Electron-Proton Collisions.

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C. DUPREL

H1 Results on F_2 and F_L .

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P. FLEISCHMANN

Exclusive Vector Mesons and DVCS.

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R. GERHARDS

H1 Results on Charm Production.

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J. HALLER

Searches for New Physics at HERA.

Proc. of the Moriond Conference on Electroweak Interactions and Unified Theories (Moriond-EW), Les Arcs/F (2003)

K.-H. HILLER

Review of Diffraction at HERA.

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L. JÖNSSON

Forward Jet and Particle Production at Low x .

Proc. of New Trends in HERA Physics (Ringberg03), Schloß Ringberg, Tegernsee, Bavaria/D

M. KLEIN

Structure Functions at HERA and the Measurement of α_s and the Parton Distributions.

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Plans of the H1 Experiment at HERA II.

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J. KROSEBERG

Beauty in ep Collisions.

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T. LASTOVICKA

Structure Function Measurement and what they Tell us about PDFs and α_s .

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P. LAYCOCK

Inclusive Diffraction in H1.

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B. LEISSNER

Multi-Lepton Production in ep Collisions.

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S. LEVONIAN

Diffraction Structure Functions and QCD Fits.

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E. LOBODZINSKA

Structure Functions at Low x .

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N. MALDEN

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P. VAN MECHELEN

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K. MEIER

Odd and Even – Search for the Odderon and Study of Diffractive Hadronic Final States.

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A.B. MEYER

Hadronic Beauty Production at HERA.

Proc. of the VIIIth Intern. Conf. on B-Physics at Hadron Machines (Beauty2003), Carnegie-Mellon Univ., Pittsburg/USA

D. MILSTEAD

A Direct Search for Magnetic Monopoles at HERA.

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T. NAUMANN

Prospects for HERA II.

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P. NEWMAN

Deep Inelastic Scattering.

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G. NOWAK

Forward Jet and Particle Production.

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B. OLIVIER

Review of Heavy Flavour Production in ep Collisions.

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M. PEEZ

A New Object Orientated Analysis Framework for H1.

Proc. of Computing in High Energy Physics (CHEPP03), La Jolla, California/USA 2003

E. PEREZ

Exotic Searches at Colliders.

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B. PORTHEAULT

Structure Functions at High Q^2 .

Proc. of New Trends in HERA Physics (Ringberg03), Schloß Ringberg, Tegernsee/D

E. SAUVAN

Lepton Production in ep Collisions.

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H.-C. SCHULTZ-COULON

Hard Processes in ep Scattering.

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F. SEFKOW

H1 Detector Potential for Heavy Quarks at HERA II.

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J. TURNAU

Forward Jets and Particles in ep Collisions and Parton Dynamics.

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P. THOMPSON

Experimental Results on Exclusive Vector Mesons and Heavy Quarkonium.

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E. TZAMARIUDAKI

Heavy Flavour Review.

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A. VALKAROVA

Photon Structure as Revealed in ep Collisions.

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S. VINOKUROVA

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N. WERNER

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E.-E. WÖHRLING

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J. ZACEK

Recent Results from H1.

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Vorträge

DPG Frühjahrstagung Teilchenphysik, Aachen/D (2003)

T. BERNDT

Status der Odderon-Suche bei HERA.

N. BERGER

Z-Vertex Rekonstruktion mit dem schnellen Spurtrigger von H1.

G. BRANDT

τ -Identifikation und Anwendung bei der Suche nach Erzeugung einzelner Top-Quarks bei HERA.

J. DINGFELDER

Suche nach anomaler Top-Produktion bei HERA.

L. FINKE

B-Tagging in High- P_T -Jets bei HERA.

P. FLEISCHMANN

Diffraktive Photoproduktion von J/ψ Mesonen bei HERA.

G. FLUCKE

Photoproduktion von D^* Mesonen bei HERA.

M. GÖTTLICH

Messung von Wirkungsquerschnitten für die Produktion von D^* -Mesonen über $D^{+*} \rightarrow D^0 \pi_s^+ \rightarrow K^0 \pi^+ \pi^- \pi_s^+$ bei H1.

L. JANAUSCHEK

Untersuchung elastisch produzierter J/ψ -Mesonen in Photoproduktion bis zu höchsten γ - p -Schwerpunktenergien am H1 Experiment bei HERA.

R. LEMRANI

Prompt Photon Production at HERA.

J. NAUMANN

Tests der dritten Stufe des H1 Fast Track Triggers.

A. PETRUKHIN

Measurement of the Inclusive DIS Cross Section at Low Q^2 with the H1 Detector.

S. SCHÄTZEL

Dijets in Diffractive Photoproduction at HERA.

S. SCHMIDT

Charm Jets in tief-inelastischer Streuung.

A. VARGAS TREVINO

Messung der Protonstrukturfunktion bei F_2 bei $Q^2 \sim 1 \text{ GeV}^2$ mit dem H1 Detektor.

A. VEST

Suche nach dem Stop Quark bei HERA.

J. WAGNER

D^* -Muon Korrelationen in ep Streuung bei HERA.

M. WESSELS

Allgemeine Analyse seltener Prozesse bei HERA.

B. WESSLING

Messung des inklusiven bb -Wirkungsquerschnittes bei HERA.

C. WISSING

Eine Million Spurrekonstruktionen pro Sekunde mit dem H1 Fast-Track-Trigger.

V. BLOBEL

Statistische Methoden in der Datenanalyse.

10 Vorlesungen, XI. Heidelberger Graduiertenkurse, Ruprecht-Karls-Universität Heidelberg, Heidelberg/D (2003)

C. DIACONU

Beyond the Standard Model at HERA.

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E. ELSSEN

HERA and the Quark Structure of Hadrons and Nuclei.

Quarks in Hadrons and Nuclei II (QinHadNucII), Schloß Rothenfels, Oberwölz/A (2003)

L. FAVART

DVCS at HERA: Present and Future.

Workshop Compton Scattering from Low to High Momentum Transfer, ECT* Trento/I

X. JANSSEN

Leading Proton Detectors at HERA; Past Experience and Future Plans.

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H. JUNG

HERA Results on Forward Jets and Particles at Low x and F_L Measurements at Low Q^2 .

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M. KAPISHIN

QCD Analysis of F_2^D and Comparisons with Hadronic Final States at HERA and the Tevatron.

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C. NIEBUHR

HERA I Results.

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D. PITZL

Future HERA Physics.

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J. DINGFELDER

Search for Anomalous Production of Single Top Quarks with the H1 Experiment at HERA.

Univ. Heidelberg/D (2003)

A. DUBAK

Measurement of the e^+p Neutral Current DIS Cross Section and the F_2 , F_L , xF_3 Structure Functions in the H1 Experiment at HERA.

MPP-2003-65

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C. DUPREL

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PITHA 03/02

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DESY-THESIS-2003-027

Y.H. FLEMING

The H1 First Level Fast Track Trigger.

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Frühjahrstagung der DPG – Fachbereiche Kurzzeit- und Plasma-physik, Aachen/Germany (2003)

3rd European Charge Density Meeting and ESF Exploratory Workshop, Aarhus-Sandbjerg Estate/Denmark (2003)

EUROFILLERS 03 Fillers for Formulations, Alicante/Spain (2003)

4th European Biophysics Congress, Alicante/Spain (2003)

GEFTA Jahrestagung, Augsburg/Germany (2003)

10th International Workshop on Oxide Electronics, Augsburg/Germany (2003)

WE-Heraeus-Seminar on New Approaches and Perspectives in Polymer Physics, Bad Honnef/Germany (2003)

2. Interfaces and Interphases in Multicomponent Materials, Balatonfüred/Hungary (2003)

2nd Merged Meeting of ICCI and IPCM on Interfaces and Interphases in Multicomponent Materials, Balatonfüred/Hungary (2003)

50th International Symposium of the American Vacuum Society, 10th Topical Conference on Quantitative Surface Analysis, Baltimore, Maryland/USA (2003)

8th Pacific Polymer Conference, Bangkok/Thailand (2003)

Bayreuth Polymer Symposium (41st Biennial Meeting of the German Colloid Society), Bayreuth/Germany (2003)

Workshop on X-ray Science with Coherent Radiation: Satellite Meeting of SRI 2003, Berkeley/USA (2003)

Bilateral Symposium of the Max Planck Institute Golm and the Chinese Academy of Science, Berlin/Germany (2003)

China-Germany Bilateral Symposium on Amphiphiles at Interfaces" (AI-SCP), Berlin/Germany (2003)

11. Jahrestagung der DGK, Berlin/Germany (2003)

Int. Conf. on Dynamic Inhomogeneities in Complex Oxides, Bled/Slovenia (2003)

81. Jahrestagung der DMG, Bochum/Germany (2003)

Conference on Non-crystalline Inorganic Materials, Bonn/Germany (2003)

19. AIPAPT and 41. EHPRG High-Pressure Conference, Bordeaux/France (2003)

Sagamore XIV Conference, Broome/Australia (2003)

1st FRM-II Workshop on Neutron Scattering – Advanced Materials, Burg Rothenfels/Germany (2003)

SCOOTMO RTN Opening Meeting, Caen/France (2003)

Workshop on catalysis by oxide-supported metallic nanoclusters, California/USA (2003)

10th European Meeting on Ferroelectricity, Cambridge/United Kingdom (2003)

12th Annual Fibre Diffraction and Non-Crystalline Diffraction Meeting, Cambridge/UK (2003)

13th International Conference on Microscopy, Cambridge/UK (2003)

Ultrafast X-ray Science Summer School, Cargese/France (2003)

17th International Congress on X-ray Optics and Microanalysis, Chamonix/France (2003)

33rd danske krystallograf and 5th DANSYNC meeting, Copenhagen/Denmark (2003)

Glass & Optical Materials Division Fall Meeting, Corning, NY/USA (2003)

ESFRI FEL WORKSHOPS: R&D Challenges of 2nd Generation FELs, Daresbury/England (2003)

Phelix users meeting, Darmstadt/Germany (2003)

Denver X-ray Conference, Denver/USA (2003)

AKF-Frühjahrstagung der Deutschen Physikalischen Gesellschaft, Dresden/Germany (2003)

Euregionale, Dresden/Germany (2003)

- Hochdruckkristallographie und -synthese, Dresden/Germany (2003)
- Workshop Kristallographie und Synthese bei hohen Drücken, Dresden/Germany (2003)
- XII International Conference on Selected Problems of Modern Physics, Dubna/Russia (2003)
- 21st European Crystallographic Meeting, Durban/South Africa (2003)
- Euro Summer School on High-Pressure Crystallography, Erice/Italia (2003)
- 11th Int. Symp. on relations between homogeneous and heterogeneous catalysis, Evanston/USA (2003)
- 11th Int. Conference on Colloid and Surface Science, Foz do Iguacu/Brazil (2003)
- Freiburger Makromolekulares Kolloquium, Freiburg i.Br./Germany (2003)
- 5th Int. Conf. on f-Elements, Geneva/Switzerland (2003)
- 30th Annual Meeting & Exposition of the Controlled Release Society, Glasgow/United Kingdom (2003)
- EURESCO Conference on Nanobiotechnology, Granada/Spain (2003)
- International Workshop on Hard X-ray Photoelectron Spectroscopy, Grenoble/France (2003)
- XAS at Third Generation Sources: Highlights and Future Perspectives, Grenoble/France (2003)
- Jahrestreffen FA Eigenspannungen, Hamburg/Germany (2003)
- PETRA III Workshop on Experimental Stations, Hamburg/Germany (2003)
- Particulate Systems Analysis, Harrogate/Great Britain (2003)
- EU COST Action E20, Final Workshop Building a Wall, Helsinki/Finland (2003)
- ESOPS 15, Heraklion (Crete)/Greece (2003)
- SRSES2003, Hiroshima/Japan (2003)
- Physics of high energy density in matter, Hirscheegg/Austria (2003)
- Gordon Research Conference on Antimicrobial Peptides, Il Ciocco/Italy (2003)
- EuropaCat-VI, Innsbruck/Austria (2003)
- Current Topics in Advanced Materials, Istanbul/Turkey (2003)
15. Deutsche Zeolith-Tagung, Kaiserlautern/Germany (2003)
- Jülich Soft Matter Days, Kerkrade/Netherlands (2003)
- 12th ROLDUC Polymer Meeting Crossing length scales and disciplines, Kerkrade/Netherlands (2003)
- 6th International Conference Physics Phenomena in Condensed Matter, Kharkov/Ukraine (2003)
- Bunsentagung 2003, Kiel/Germany (2003)
- 3rd International Workshop on Polymer/Metal Nanocomposites, Kiel/Germany (2003)
- XIX Conference on Applied Crystallography, Kraków/Poland (2003)
- XXXV Polish Catalytic Symposium, Kraków/Poland (2003)
- NATO Advanced Research Workshop Mixed Ionic Electronic Conducting (MIEC) Perovskites for Advanced Energy Systems, Kyiv/Ukraine (2003)
- Physics of Soft Matters, Kyoto/Japan (2003)
- XV International Symposium on the Reactivity of Solids, Kyoto/Japan (2003)
- Silicate Melt Workshop, La Petite Pierre/France (2003)
- 7th Silicate Melt Workshop, La Petite Pierre/France (2003)
- ChemKrist Workshop-Konferenz: Strukturbestimmung – Methodenkombination – Datenbanken, Leipzig/Germany (2003)
- 14th Int. Conf. on Solid State Compounds of Transition Elements, Linz/Austria (2003)
- Sub-Picosecond X-ray Experiments Development Workshop, Lisboa/Portugal (2003)
- Austrian Gene Research Network Workshop, Litschau/Linz/Austria (2003)
- XLVI Meeting of Polish Chemical Society, Lublin/Poland (2003)
- 16th Annual users meeting at MAX-Lab, Lund/Sweden (2003)
- International Congress on Operando Spectroscopy, Lunteren/Netherlands (2003)
- 9th International Conference on the Formation of Semiconductor Interfaces, Madrid/Spain (2003)
- 12th International Conference on X-ray Absorption Fine Structure, Malmö/Sweden (2003)
- Conference on Integrated Systems in Dental Health Care, Milan/Italy (2003)
- European Polymer Conference, Milano/Italy (2003)
- 3rd European Conference on Neutron Scattering, Montpellier/France (2003)
- Ultrafast science with X-rays and electrons, Montreux/Switzerland (2003)
- Conference on Lasers and Electro-Optics Europe, München/Germany (2003)
- GDCh-Tagung, München/Germany (2003)
- 1st MagneTUM workshop – nanoscale magnetism as seen by x-rays and neutrons, München/Germany (2003)
- Nanobiotech Forum, Münster/Germany (2003)
- 1st GSC-SIGMA-ALDRICH Workshop on Materials Chemistry, Münster/Germany (2003)

- The 11th International Conference on Modulated Semiconductor Structures, Nara/Japan (2003)
- 226th ACS National Meeting, New York/USA (2003)
- 11th International Conference on II-VI Compounds, Niagara Falls, NY /USA (2003)
- Netherlands" catalysis and chemistry conference, Noordwijkerhout/Netherlands (2003)
- 13th International Symposium Spectroscopy in Theory and Practice, Nova Gorica/Slovenia (2003)
- VIII Warsztaty Fizyki Półprzewodników Półmagnetycznych, Obory/Poland (2003)
- II Congreso Nacional de Ciencia y Tecnología de Alimentos, Orihuela/Spain (2003)
- SCOOTMO RTN Meeting, Oxford/UK (2003)
- Journées Thematiques Serpentes, Paris/France (2003)
- 203rd Electrochemical Society Meeting, Paris/France (2003)
- X International Conference on the Physics of Non-crystalline Solids, Parma/Italy (2003)
- Advanced Infrared Technology & Applications, Pisa/Italy, (2003)
- 12th International Symposium on Intercalation Compounds, Poznan/Poland (2003)
- European Conf. on Surface Science, Prague/Czech Republic (2003)
- IVAX Meeting: Training of Medical Representatives from UK, Mexico, Croatia, Lithuania, Latvia, Russia and Ukraine, Prague/Czech Republic (2003)
- 1st IVAX Transplantation Academy – Focus on Early Posttransplant Events, Prague/Czech Republic (2003)
- 5th European Conference on Luminescent Detectors and Transformers of Ionizing Radiation, Prague/Czech Republic (2003)
- American Chemical Society Middle-Atlantic Regional Meeting, Princeton, NJ/USA (2003)
- VII Congreso Nacional de la Sociedad Mexicana de Transplantes, Puerto Morelos, Cancun/Mexico (2003)
- 7th Int. Conf. on Materials and Mechanisms of Superconductivity and High Temperature Superconductors, Rio de Janeiro/Brazil (2003)
- ESF LESC Exploratory Workshop: Gases in magmatic evolution, Rome/Italy (2003)
- International Conference on Magnetism, Rome/Italy (2003)
8. Rudolstädter Kunststofftag „Nanocomposites und Flamm-schutz“, Rudolstadt/Germany (2003)
- 47th Annual Meeting – Biophysical Society, San Antonio/USA (2003)
- Eighth International Conference on Synchrotron Radiation Instrumentation, San Francisco/USA (2003)
- 3rd World Congress Nanocomposites 2003, San Francisco/USA (2003)
- 13th Conference of Slovak Physicists, Smolenice/Slovakia (2003)
- International Conference on Coordination Chemistry, Smolenice-Bratislava/Slovakia (2003)
- International Conference on Modified Polymers, Stará Lesná/Slovakia (2003)
- XXIII. International Conference on Photonic, Electronic and Atomic Collisions, Stockholm/Sweden (2003)
- 9th European Conference on Solid State Chemistry, Stuttgart/Germany (2003)
- NATO Advanced Research Workshop Frontiers in Spectroscopy of Emergent Materials: Recent Advances towards New Technologies, Sudak/Ukraine (2003)
- 16th Int. Symp. on Plasma Chemistry, Taormina/Italy (2003)
- GEP2003, Tarragona/Spain (2003)
- 25th International Free Electron Laser Conference & 10th FEL Users Workshop, Tsukuba/Japan (2003)
- 9th International Conference on Electron Spectroscopy and Structure, Uppsala/Sweden (2003)
- 32nd International School on Physics of Semiconducting Compounds, Ustroń-Jaszowiec/Poland (2003)
- 21st IAPRI Symposium, Valencia/Spain (2003)
- 7th International Conference on Inorganic Scintillators and Industrial Applications, Valencia/Spain (2003)
- Ultrashort high-energy radiation and matter, Varenna /Italy (2003)
- 3rd Int. Workshop on designing of interfacial structures in advanced materials and their joints, Vienna/Austria (2003)
- E-MRS Fall Meeting, Warsaw/Poland (2003)
- XXXVI Jahrestreffen Deutscher Katalytiker, Weimar/Germany (2003)
- Current Topics in Materials Research, Wrocław/Poland (2003)
- 4th International Spring Workshop on Spectroscopy, Structure and Synthesis of Rare Earth Systems, Wrocław-Ladek Zdroj/Poland (2003)
3. Wuppertaler Materialwissenschaftliche Forum, Wuppertal/Germany (2003)
- ICFA Future Light Sources Sub-Panel Mini Workshop on Start-to-End Simulations of X-RAY FELs, Zeuthen/Germany (2003)

Habilitationen

C. JANOWITZ

Photoemission an 3-, 2- und (2- δ)-dimensionalen Festkörpern.
Humboldt-Univ. Berlin/Germany (2003)

W.M. KWIA TEK

Analiza materialow biomedycznych wybranymi metodami spektroskopowymi (Analysis of bio-medical materials by means of synchrotron radiation).
Inst. of Nuclear Physics, Polish Acad. of Sciences of Kraków/Poland (2003)

A.N. OGURTSOV

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H. SCHLENZ

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S. SCHRADER

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Univ. of Potsdam/Germany (2003)

TH. TRÖSTER

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Univ. Paderborn/Germany (2003)**Dissertationen**

W. BABIK

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RWTH Aachen/Germany (2003)

J. BRANDT

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Christian-Albrechts-Univ. zu Kiel/Schleswig-Holstein (2003)

P.M. CATTANEO

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Univ. of Aarhus/Denmark (2003)

W.M. CHEN

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A. CSISZAR

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J. DAVAASAMBUU

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M.P. FETH

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M.-C. FROMEN

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K. ISTOMIN

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J. KANATHARANA

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V. KOTESKI

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C. LORENZ-HAAS

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M.A. MARTÍNEZ

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T. MATTEI

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Univ. Hannover/Germany (2003)

B.I. MOSQUEDA JIMÉNEZ

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Univ. of Twente/Netherlands (2003)

R. MÜLLER

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E. NEGODINE

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R. PRAMATAROVA

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D.V. RAIKOV

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M. RICHWIN

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Bergische Univ. Wuppertal (2003)

C. SCHILLER

Polyester und Calciumphosphate als resorbierbare Biomaterialien.
Ruhr-Univ. Bochum (2003)

A. SCHIWEK

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Univ. Paderborn/Germany (2003)

M.F. SCHNEIDER

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TU München (2003)

C. SEDLMAIR

Elementary reaction steps of NO_x trapping and SO_x deactivation of NO_x storage reduction catalysts.
Univ. of Twente/Netherlands (2003)

G.B. STRYGANYUK

Radiative core-valence and interconfigurational transitions in halide scintillation materials.
Ivan Franko National Univ. of Lviv/Ukraine (2003)

D. TADIC

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E.V.D. VAN LOEF

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Univ. of Technology, Delft/Netherlands (2003)

S. VIELHAUER

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Univ. Hamburg/Germany (2003)

H. WABNITZ

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V. WEIß

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J. WIENOLD

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Diplomarbeiten

M. BAUER

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J.P. FERNÁNDEZ-BLÁZQUEZ

Synthesis and characterization of polyethers with smectic mesophases.
Complutense Madrid/Spain (2003)

C. GAISER

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Humboldt-Univ. Berlin (2003)

A. GÖTZENDORFER

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U. HAAKE

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M. KALLÄNE

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T. SCHEFFLER

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S. SCHIEFER

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F. SERSEN

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T. TITZ

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P. CASTRO

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P. CASTRO, A. GÖSSEL, S. SCHREIBER, M. WENDT, G. DEVANZ, N. BABOI, J. SEKUTOWICZ

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YUJONG KIM, T. SHINTAKE, H. KITAMURA, D. SON, Y. KIM

On the Realistic Gain Estimation of the CSR Microbunching Instability in Bunch Compressors.

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S. SCHREIBER, P. MICHELATO, L. MONACO, D. SERTORE
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D. SCHULTE, N. WALKER

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D. SCHULTE, N. WALKER, G. WHITE

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N. WALKER, D. SCHULTE, A. WOLSKI, P. TENENBAUM, A. SERYI, M. WOODLEY

Damping Ring to Interaction Point Beam Transport Issues.
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F. WILLEKE for the HERA Team

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H. WEISE

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P.D. GALL, A. GOESSEL, V. GUBAREV

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J. LORKIEWICZ, T. FADINA, A. BILINSKI, J. SOBCZAK, J. KULA, S. PSZONA, Z. YU

Characteristics of TiN Anti-Multipactor Layers Reached by Titanium Vapor Deposition on Alumina Coupler Windows.

N. KUPKA, T. EBELING, K. ESCHERICH, A. MATHEISEN, H. MORALES, B. PETERSEN, D. RESCHKE, N. STEINHAU-KÜHL, F. ZHU

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H. MORALES, K. ESCHERICH, L. LILJE, A. MATHEISEN, B. PETERSEN, N. STEINHAU-KÜHL

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G. MUELLER, B. MUELLER, F. KALDASCH, D. RESCHKE, D. PROCH

Influence of Metal Particle Contaminations of the DC Filled Emission of Niobium.

S. SIMROCK

Control of Microphonics and Lorentz Force Detuning with a Fast Mechanical Tuner.

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X. SINGER, H.M. WEN, W. SINGER, W.D. MÖLLER

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N. STEINHAU-KÜHL, T. EBELING, K. ESCHERICH, L. LILJE, A. MATHEISEN, H. MORALES, B. PETERSEN

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K. ZAPFE

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K. ZAPFE, U. HAHN, M. HESSE, H. REMDE

A Cleaning Facility to Prepare Particle Free UHV-Components.

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M. SCHMITZ

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