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R. THORNE (University College London)
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D. HORNS (Univ. Hamburg)
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T. NOLL (BESSY)
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Z. FODOR (Univ. Wuppertal)
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- W. LOHMANN
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- V. RAVINDRAN (Harish Chandra Research Institute, Allahabad)
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- E. PALLANTE (Univ. of Groningen)
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- N. BERGER (IHEP)
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- B. VOIGT
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- F. SANNINO (University of Southern Denmark)
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- D. BEMMERER (Forschungszentrum Dresden-Rossendorf)
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- K. WURR
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- M. GAWRON
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- R. ENGEL (KIT)
Recent Results and New Puzzles from the Pierre Auger Observatory.
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- F. BERNARDONI
Chiral Perturbation Theory in the Mixed Regime.
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- A. INCICCHITTI (INFN Sezione di Roma)
Signals from the Universe: from DAMA/NaI to DAMA/LIBRA.
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Vom Quark zum Kosmos die Geschichte vom Anfang der Welt.
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- Z. NAGY
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- J. STIRLING (Durham University)
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- E. GALLO (INFN Firenze)
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- B. HEINEMANN (University of California, Berkeley)
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- B. SVETITSKY (Tel Aviv University)
Lattice gauge theory beyond the Standard Model.
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Öffentliche Abendvorträge

- M. TOLAN (Universität Dortmund)
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- W. SCOBEL (Univ. Hamburg)
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26.03.2008
- J. LEMMERICH (Berlin)
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- P. SIKIVIE (University of Florida Gainesville)
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19.06.2008
- K. BÜSSER
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- O. STRATHERN (VIENNA)
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- REFERENDARE DES STUDIENSEMINARS UNTER LEITUNG VON G. HILLER (Stade)
Das Ziegenproblem und andere Merkwürdigkeiten.
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- C. LEFEBVRE (Deutscher Wetterdienst in Hamburg)
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- K. NIESER
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- V. HEFFERNAN
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- L. SMITH
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- D. SKEGGS
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- S. LENTON
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Vorträge Direktorium

- R. BRINKMANN
The European XFEL SC Linac Project.
LINAC 2008, Victoria/CA (09/2008)
- M. FLEISCHER
DESY's Research Programme.
YerPhi, Yerevan/AM (09/2008)
- R.-D. HEUER
The Energy Frontier or the Role of Accelerators in a Dark World.
Nordic Conference, Spatind/NO (01/2008)
- Innovation in scholarly communication: Visions and projects from High-Energy Physics.
EPA2008, Berlin/DE (01/2008)
- The European Plans and Views.
P5 Open Symposium, Stanford/USA (02/2008)

The role of accelerators in understanding the dark universe.
ETH Zurich Kolloquium, Zürich/CH (03/2008)

Particle Physics in the Next Decades.
Symposium on Physics of Elementary Interactions, Warschau/PL
(04/2008)

Status and Future of Particle Physics.
Heraeus-Seminar on Physics at the Terascale, Bad Honnef/DE
(04/2008)

Precision Physics - from LEP2 to the Terascale.
Epiphany Conference, Cracow/PL (05/2008)

Grid Computing als Werkzeug zur Erschliessung neuer Welten.
Einweihung des Göttinger Grid Ressourcenzentrums,
Göttingen/DE (05/2008)

Mit dem Teilchenbeschleuniger auf der Suche nach dem Bauplan
des Universums.
2. Erfurter IndustrieDialog, Erfurt/DE (05/2008)

Scholarly communication in High Energy Physics: an inspiring
vision.
HEP Information Summit, Hamburg/Gemany (05/2008)

The Future of European Particle Physics and CERN.
Seminarvortrag, Debrecen/HU (05/2008)

The Future of European Particle Physics and CERN.
Seminarvortrag, Budapest/HU (05/2008)

An European Vision for the Future.
ECFA Workshop on Linear Colliders, Warschau/PL (06/2008)

Future e+e- Collider Experiments.
Scientific Symposium 50 Years MPI Munich, Munich/DE
(07/2008)

CERN und LHC.
FSP-CMS Arbeitstreffen, Aachen/DE (08/2008)

The Large Hadron Collider: Shedding Light on the Dark Universe.
GridKa-Schule, öffentlicher Abendvortrag, Karlsruhe/DE
(09/2008)

CERN and the Future of European Particle Physics.
ASPERA-Meeting, Brussels/BE (09/2008)

The Large Hadron Collider: Shedding Light on the Dark Universe.
Colloquium, Ecole Polytechnique, Paris/FR (10/2008)

Physics Topics at the Linear Collider.
International School for Linear Colliders, Chicago/USA (10/2008)

Outlook: Enhancing World Collaboration.
ICFA Seminar, SLAC, Stanford/USA (10/2008)

The Role of Accelerators in Understanding the Dark Universe: A
Vision for Particle Physics.
National Research Council, Ottawa/CA (11/2008)

CERN and the Future of European Particle Physics.
Seminar, Carleton University, Ottawa/CA (11/2008)

The Large Hadron Collider: Shedding Light on the Dark Universe.
Herzberg Lecture, Carleton University, Ottawa/CA (11/2008)

LHC Program Overview.
Plenary Talk, PANIC08, Eilat/IL (11/2008)

LCWS Summary.
Plenary Talk, LCWS, Chicago/USA (11/2008)

The Large Hadron Collider: Shedding Light on the Dark Universe.
öffentlicher Abendvortrag, Dublin/IE (11/2008)

Der Large Hadron Collider und das dunkle Universum.
Festvortrag, Universität Würzburg, Würzburg/DE (12/2008)

CERN and the Future of Particle Physics.
Closing Talk, DISCRETE, 08 Conference, Valencia/ES (12/2008)

A. LINDNER

DESY - Exploring the Structure of Matter.
Visit of students of Hamburg University, Hamburg/DE (02/2008)

Kometen, Asteroide, Meteore und Meteoriten.
Kulturverein Holm, Holm/DE (02/2008)

Forschung bei DESY.
Lionsclub Altona, Hamburg/DE (02/2008)

Ultra-light Particles beyond the Standard Model.
3rd Laboratory Experiments Lecture for SFB 676, Hamburg/DE
(05/2008)

Astroparticle Physics.
DESY Summer Student Lecture, Hamburg/DE (07/2008)

Kleine Objekte im Sonnensystem.
DESY Science Cafe, Hamburg/DE (09/2008)

Forschung bei DESY.
Treffen der Personalleiter der HGF-Zentren, Hamburg/DE
(10/2008)

Forschung bei DESY.
Treffen der Energieversorger, Hamburg/DE (11/2008)

C. SCHERF

Wie viel Autonomie brauchen Forschungseinrichtungen?
Anforderungen an ein Wissenschaftsfreiheitsgesetz.
Stifterverband für die deutsche Wissenschaft, Berlin/DE (06/2008)

Strategies and Chances of Cooperation between DESY and the
Öresund-Region.
Political Forum, Copenhagen/DK (08/2008)

A. WAGNER

Best Practise im Technologietransfer „Impulse für die Industrie -
Know-how aus europäischen Forschungszentren“.
Handelskammer Hamburg, Hamburg/DE (01/2008)

The early days of OPAL and beyond.
Ben-Shen-Kolloquium, Riverside/USA (03/2008)

Der europäische Röntgenlaser XFEL.
Jahrestagung Kerntechnik 2008, Hamburg/DE (05/2008)

News from DESY.
Plenary ECFA at DESY, Hamburg/DE (07/2008)

Advancing the International Linear Collider.
Abschiedskolloquium Jonathan Dorfan, SLAC, Stanford/USA
(07/2008)

DESY - Status and Perspectives.
India-Germany Workshop on Nano-Science with High Energy
Photon Beams, Bangalore/IN (09/2008)

Der Large Hadron Collider.
Planetarium Hamburg, Hamburg/DE (09/2008)

Report on ICFA.
IUPAP Generalversammlung, Tsukuba/JP (10/2008)

Development and Plans for FLASH.
ICFA Seminar, Standford/USA (10/2008)

Der Ursprung des Universums - was sehen wir heute?
Planetarium, Hamburg/Germany (11/2008)

Exploring Matter from the Nano- to the Attoscale - Accelerator
Based Science from X-ray Lasers to Particle Physics.
Niels-Bohr-Institute, Copenhagen/DK (11/2008)

DESY - Status and Perspectives.
Plenary ECFA, CERN, Geneva/CH (11/2008)

Why spend time annihilating matter with antimatter?
Abschiedskolloquium für R.-D. Heuer, DESY, Hamburg/DE
(12/2008)

E. WECKERT

Present and Future Developments at DESY.
Russian-German Workshop on Photon Science with Applications
to Nano- and Life-Science, Moscow/RU (02/2008)

Photon Science at DESY.
Swiss Light Source, PSI, Villigen/CH (03/2008)

Photon Sources and Experimental Possibilities at DESY.
Seminar Frauenheim Jacobs-University, Bremen/DE (05/2008)

The Future of Photon Science at DESY.
MPI, Garching/DE (05/2008)

New Storage Ring and FEL Facilities at DESY in Hamburg -
PETRA III, FLASH and XFEL.
2008 Meeting of the American Crystallographic Association,
Knoxville/USA (06/2008)

PETRA III, a high brilliance and low emittance source for hard
X-rays.
Indian-German Collaboration Meeting, Bangalore/IN (09/2008)

Photon Science at DESY.
Workshop on Interaction of Free-Electron-Laser Radiation with
Matter: Recent Experimental Achievements, Challenges for
Theory, Hamburg/DE (10/2008)

Present and Future of Photon Science Experimentation.
Joint Workshop on Detector Development for Future Particle
Physics and Photon Science Experiment, Hamburg/DE (10/2008)

Brilliant Light for the Future - New Synchrotron Sources in
Hamburg.
Winter School on Synchrotron Radiation, Delmenhorst/DE
(11/2008)

Forschung Hochenergiephysik

H1-Experiment

Veröffentlichungen

- H1 COLLABORATION, F.D. AARON ET AL.
Measurement of Isolated Photon Production in Deep-Inelastic Scattering at HERA.
J. Phys. G, Nucl. Part. Phys. 54 (2008) 371 and DESY 07-147; arXiv:0711.4578
<http://dx.doi.org/10.1140/epjc/s10052-008-0541-6>
- A Search for Excited Neutrinos in e^-p Collisions at HERA.
Phys. Lett. B 663 (2008) 382 and DESY 08-009
- Search for Excited Electrons in ep Collisions at HERA.
Phys. Lett. B 666 (2008) 131 and DESY 08-052; arXiv:0805.4530
- Multi-Lepton Production at High Transverse Momenta in ep Collisions at HERA.
Phys. Lett. B 668 (2008) 268 and DESY 08-065; arXiv:0806.3987
- Measurement of the Proton Structure Function $F_L(x, Q^2)$ at Low x .
Phys. Lett. B 665 (2008) 139 and DESY 08-053, arXiv:0805.2809
- K. BECKER ET AL.
A Vertex Trigger Based on Cylindrical Multiwire Proportional Chambers.
Nucl. Instrum. Methods A 586 (2008) 190
<http://dx.doi.org/10.1016/j.nima.2007.11.024>
- M. DEAK, F. SCHWENNSEN
Z and W^\pm Production Associated with Quark-Antiquark Pair in k_T Factorization at the LHC.
JHEP 09 (2008) 26 and CPHT RR025.0408

Preprints und Interne Berichte

- H1 COLLABORATION, F.D. AARON ET AL.
Study of Charm Fragmentation into $D^{*\pm}$ Mesons in Deep-Inelastic Scattering at HERA.
DESY 08-080
- Measurement of Diffractive Scattering of Photons with Large Momentum Transfer at HERA.
DESY 08-077
- Strangeness Production at low Q^2 in Deep-Inelastic ep Scattering at HERA.
DESY 08-095
- Events with Isolated Leptons and Missing Transverse Momentum and Measurement of W Production at HERA.
DESY 08-170
- Inclusive Photoproduction of π^0 , K^{*0} and ϕ Mesons at HERA.
DESY 08-172
- General Search for New Phenomena at HERA.
DESY 08-173

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Proc. of DIS2008, London/UK (04/2008)
Sciencewise Publishing (2008)

- B. ANTUNOVIC
Measurement of the Proton Structure Function $F_L(x, Q^2)$ at Low x and Medium Q^2 in the H1 Experiment at HERA.
- J. BRACINIK
Study at Charm Fragmentation at H1.
- K. CERNY
Diffractive Photoproduction of Dijets in ep Collisions at HERA.
- V. CHEKELIAN
Direct F_L Measurement at High Q^2 at HERA.
Sciencewise Publishing (2008) pp 5
- K. DAUM
Inelastic J/ψ Production at H1.
- A. FALKIEWICZ, K. MÜLLER
Strangeness Production at Q^2 .
- L. FAVART
DVCS and its t -Dependence at HERA-II.
- J. FELTESSE
Combination of H1 and ZEUS Deep Inelastic $e^\pm p$ Scattering Cross Section Measurements.
Sciencewise Publishing (2008) 4
- M. GOUZEVITCH
Jet Cross Sections and α_s in DIS.
- M. JACQUET
Searches for Excited Fermions in ep Collisions.
- X. JANSSEN
Diffractive Electroproduction of ρ and ϕ Mesons at H1.
- A. JUNG
 $D^{*\pm}$ Meson Production in Deep Inelastic Scattering and Photoproduction with the H1 Detector at HERA.
Sciencewise Publishing (2008) pp 5
- H. JUNG ET AL.
What HERA may provide?
Sciencewise Publishing (2008) pp 21
- T. KLUGE
Combined H1-ZEUS α_s Fit to Jets in DIS.
- A. KNUTSSON, A. BACCHETTA, H. JUNG, K. KUTAK
An Approach to Fast Fits of the Unintegrated Gluon Density.
- D. KOLLAR, V. RADESCU
Summary of Experimental Results in the Structure Functions and Low- x Working Group.
Sciencewise Publishing (2008) pp 9
- K. KRÜGER
Investigation of D^*p Resonance in the 3 GeV Mass Region with HERA II Data at H1.
- K. KUTAK, M. DEAK, H. JUNG
Valence Quark and k_T Factorisation.
- P. LAYCOCK
Diffractive PDFs.

A. MEHTA
Measurement of $F_2^{c\bar{c}}$ and $F_2^{b\bar{b}}$ Using the H1 Vertex Detector at HERA.

K. NOWAK, K. MÜLLER
Prompt Photon Production in Photoproduction at HERA.

I. PANAGOULIAS
Leptoquark Searches at H1.

E. RIZVI
W and Anomalous Single Top Production at HERA.

L. SCHOEFFEL
Deeply Virtual Compton Scattering at HERA and Prospects on Nucleon Tomography.

A. SCHÖNING
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Y. IVANISENKO
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M. KRASILNIKOV
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T. DIAKONIDIS
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G. ASOVA
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K. ROSBACH
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I. BIERENBAUM, J. BLÜMLEIN, S. KLEIN
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I. BIERENBAUM
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A. CUCCHIERI, T. MENDES

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S. KLEIN

Heavy quark production in DIS at $O(a_s^3)$.
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State of art in NC RF high duty cycle and CW guns.
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W. LANGE

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R. LAUER

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W. LOHMANN

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Kern- und Teilchenphysik, Kosmologie.

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- P. MAJUMDAR, MAGIC COLLABORATION
Recent Results from the MAGIC telescope.
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- T. MENDES, A. CUCCHIERI, A. MAAS, A. MIHARA
Infrared Propagators in MAG and Feynman gauge on the lattice.
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- S. MOCH
Phenomenological applications of resummation.
Seminar Theorie, Mainz/DE (12/2008)
- Top stories.
Symposium Phänomenologie an der Schnittstelle zu Colliderexperimenten, Hamburg/DE (11/2008)
- Expectations at LHC from hard QCD.
Theorie Seminar Universität Regensburg, Regensburg/DE (07/2008)
- Symbolic summation in quantum field theory.
Theorie Seminar Werner-Heisenberg-Institut, MPI für Physik, Munich/DE (01/2008)
- Phenomenology with early LHC data.
39th International Ahrenschoop Symposium on the Theory of Elementary Particles, Berlin/DE (10/2008)
- Theory predictions for the LHC.
ISMD08, Hamburg/DE (09/2008)
- Expectations at LHC from hard QCD.
KITP Workshop Physics of the Large Hadron Collider, Santa Barbara/USA (05/2008)
- Physics of the standard model.
Heraeus-Seminar Physics at the Terascale, Bad Honnef/DE (04/2008)
- Time-like splitting functions at NNLO in QCD.
ECT Trento Workshop Parton Fragmentation Processes: in the Vacuum and in the Medium, Trento/IT (02/2008)
- New tools for the top quark hadro-production cross section.
LHC-D workshop, Bad Honnef/DE (02/2008)
- Heavy-quark hadro-production at two loops in QCD.
SFB Meeting, SFB Transregio 09, Aachen/DE (10/2008)
- Heavy-quark hadro-production at two loops in QCD.
LL2008, Sondershausen/DE (04/2008)
- Hard QCD at hadron colliders.
CAQCD-08, Minneapolis/USA (05/2008)
- K. MÖNIG
Physics at the International Linear Collider.
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- D. RENNER
Progress in Parton Distributions from Lattice QCD.
10th Meeting of SFB/TR9 Computational Particle Physics, Karlsruhe/DE (02/2008)
- Parton Distributions from Lattice Calculations.
4th Workshop on the Implications of HERA for LHC Physics at CERN, Geneva/CH (05/2008)
- Hadronic contribution to $g-2$ from twisted mass fermions.
Theoretical Physics Seminar, Liverpool/UK (10/2008)
- T. RIEMANN
Status of the nnlo project.
Meeting of the Working Group on Radiative Corrections and Monte Carlo Generators for Low Energies, Beijing/CN (10/2008)
- Hadronic corrections to Bhabha scattering.
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- NNLO corrections to Bhabha scattering.
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- Das Standardmodell der Elementarteilchen und Physik an Beschleunigern.
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- S. RIEMANN
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- Status of the (polarized) positron source.
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- Überblick Teilchenphysik.
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- Kern- und Teilchenphysik.
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- T. RIEMANN
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- T. SAITO ET AL.
Very High Energy HPDs with a GaAsP photocathode for the MAGIC telescope project.
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- K. SATALECKA, E. BERNARDINI, M. TLUCZYKONT, C.-C. HSU, M. HAYASHIDA, P. MAJUMDAR, F. GOEBEL, R. WAGNER
Blazar monitoring studies.
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- K. SATALECKA
Monitoring of Bright Blazars with MAGIC in the 2007/2008 Season.
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- A. SCHÄELICKE
Low energy polarimetry.
Workshop Polarization/Energy measurements at the ILC, Zeuthen/DE (04/2008)
- A. SCHÄLICKE
Methoden der Datenauswertung mit praktischen Übungen.
Übungen und Vorlesung, Humboldt Universität, Berlin/DE (04/2008)
- Übung (zur Vorl. Dr. S. Riemann): Kern- und Teilchenphysik.
Übung, Universität Potsdam, Potsdam/DE (04/2008)
- S. SCHLENSTEDT
Plans for the Cherenkov Telescope Array CTA.
PANIC 2008, Eilat/IL (11/2008)

S. SCHUWALOW

Polarization effects in radiation damaged scCVD diamond detectors.

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Forward Calorimetry: Issues for LoI.

ILD Meeting, Cambridge/UK (09/2008)

FCAL sensor test facilities.

EUDET Annual Meeting, Amsterdam/NL (10/2008)

BeamCal for ILC Detectors.

IEEE Nuclear Science Symposium, Dresden/DE (10/2008)

H. SIMMA

Compute Engines for Lattice QCD with Commodity processors.

Workshop Incontri di Fisica delle Alte Energie, Bologna/IT (03/2008)

Performance Analysis and Benchmarking.

Seminar ECT, Trento/IT (05/2008)

Theoretical Physics on Supercomputers.

Lectures, Parma/IT (09/2008)

LQCD Torus Network.

Intel Workshop, Munich/DE (11/2008)

R. SOMMER

Towards Precision Lattice Computations for Heavy Quark Physics.

Seminar, Liverpool/UK (03/2008)

C. SPIERING

Perspektiven der Astroteilchenphysik in Europa.

Universität Erlangen, Erlangen/DE (05/2008)

IceCube - Neutrino Astronomy at the South Pole.

LMU, Munich/DE (02/2008)

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Universität Heidelberg, Heidelberg/DE (06/2008)

The ApPEC/Aspera Roadmap.

University of Oxford, Oxford/UK (06/2008)

Bis ans Ende der Welt - Neutrinoastronomie am Südpol.

Universität Karlsruhe, Karlsruhe/DE (07/2008)

Astroparticle Physics: The European Strategy.

ASPERA Symposium, Brussels/BE (09/2008)

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Astroparticle Physics: The European Strategy.

University of Stockholm, Stockholm/SE (10/2008)

L. STAYKOV

Emittance measurement at PITZ 2006-2007.

Research Seminar of the Humboldt Universität, Berlin/DE (01/2008)

F. STEPHAN ET AL.

New Experimental Results from PITZ.

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Cosmic Ray Mass Composition by the Data of Tunka-25 EAS Cherenkov Array.

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Mass composition for energy range $10^{15} - 10^{17}$ eV using EAS maximum depth distribution and perspectives for transition range $10^{17} - 10^{18}$ eV.

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A. USHAKOV, S. RIEMANN, A. SCHÄLICHE

Positron Source Performance Modelling.

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M. VITI

Review on CBS Method at ILC, Workshop on Polarization and Energy Measurements at the ILC.

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Beam Energy Measurements by means of Compton Backscattering at the ILC.

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A. VOGT, S. MOCH, M. ROGAL, J. VERMASEREN

Towards the NNLO evolution of polarised parton distributions.

Workshop on High Energy Photon Collisions, Geneva/CH (04/2008)

Dissertationen

O. ACTIS

Search for neutrino-induced cascades with 5 years of the AMANDA-II data.

Humboldt Universität Berlin (2008)

S. KLEPSEK

Reconstruction of extensive air showers and measurement of the cosmic ray energy spectrum in the range of 1 - 80 PeV at the South Pole.

Humboldt Universität, Berlin (2008)

L. STAYKOV

Characterization of the transverse phase space at the photo-injector test facility in DESY, Zeuthen.

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B. VOIGT

Sensitivity of the IceCube Detector for Ultra-High Energy Electron-Neutrino Events.

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V. WEINBERG

Untersuchung der Struktur des QCD-Vakuums mit Hilfe von Overlap-Fermionen.

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A. LUCKE

Analysis of Signals in the IceTop Detector to Identify Muons in Extensive Air Showers.

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E. MIDDELL
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K. ROSBACH
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Forschung mit Photonen

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- EMPG XII, Innsbruck/AT (09/1008)
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- 6th International Conference on Inorganic Materials, Dresden/DE (09/2007)
- ASA-CSSA-SSSA International Annual Meeting, New Orleans/USA (11/2007)
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- International Conference on Microstructure and Texture in Steels, Jamsphedpur/IN (02/2008)
- ORGANETPV, Linz/AT (02/2008)
- Frühjahrstagung der Deutschen Physikalischen Gesellschaft, Berlin/DE (02/2008)
- Russian-German Workshop, RRC "Kurchatov Institute", Moscow/RU (02/2008)
- AXAA 2008, Melbourne/AU (02/2008)
- ESRF User Meeting, Grenoble/FR (02/2008)
- Nanofun-poly Workshop - Nanofun Internal Research Projects, Alicante/ES (02/2008)
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- 1st International Conference on FUNCTIONAL NANOCOATINGS, Budapest/HU (03/2008)
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- EGU 2008, Vienna/AT (03/2008)
- Invited Talk at LLNL, Livermore/USA (03/2008)
- 5th International Workshop on X-ray Damage to Biological Crystalline Samples, Villigen/CH (03/2008)
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- MRS, San Francisco/United States (03/2008)
- IWNCS 2008, Porto/PT (04/2008)
- Colloquia Academica Award lecture, Mainz, Akademie der Wissenschaften/DE (04/2008)
- EGU2008, Vienna/AT (04/2008)
- FM&NT2008, Riga/LV (04/2008)
- European Microbeam Analysis Society Regional Workshop, Trieste/IT (04/2008)
- Tag der Chemie, Berlin/DE (04/2008)
- 6th World Meeting on Pharmaceutics, Biopharmaceutics and Pharmaceutical Technology, Barcelona/ES (04/2008)
- 4th Int. Symp. - Nanostructured and Functional Polymer-based Materials and Nanocomposites (Nanofun-Poly), Rome/IT (04/2008)
- 16th International Symposium on Non-Oxide and New Optical Glasses, Montpellier/FR (04/2008)
- Bunsentagung 2008, Saarbrücken/DE (05/2008)
- Colloquium at the University of Rostock, Rostock/DE (05/2008)
- NLS - Condensed Matter Workshop, Rutherford Appleton lab/Didcot/UK (05/2008)
- Symposium rkt2008 surfaces and interfaces in soft matter, Grenoble/FR (05/2008)
- Application of synchrotron radiation in materials science and research of chemical structures, Budapest/HU (05/2008)
- Brainstorming Meeting on Computational Materials Science, Hamburg/DE (05/2008)
- AP-Seminar at GSI, Darmstadt/DE (05/2008)
- Nordic and European Summer School: „VUV and X-ray Research for the Future using FELs and Ultra Brilliant Sources“, Odengården and MAXlab, Lund/SE (05/2008)
- 14th Rolduc Polymer Meeting: „From Commodity Plastics to Specialty Polymers?“, Kerkrade/NL (05/2008)
- Nano Mechanical Cantilever (NMC) Workshop, Mainz/DE (05/2008)
- Annual Meeting for Canadian Centre of Excellence Advanced Foods and Materials Network, Vancouver/CA (05/2008)
- CGU 2008, Banff/CA (05/2008)
- International Workshop on Ultrafast Processes 2008, San Sebastian/ES (05/2008)
- E-MRS 2008, Strasbourg/FR (05/2008)
- PPS 24, Salerno/IT (06/2008)
- 14th international conference on solid films and surfaces, Dublin/IE (06/2008)
- Polyelectrolytes 2008, Coimbra/PT (06/2008)
- 7th Symposium SiO₂ advanced dielectrics and related devices, St. Etienne/FR (06/2008)
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- WING Statusseminar, Bad Godesberg/DE (06/2008)
- 37th International School on the Physics of Semiconducting Compounds, Jaszowiec/PL (06/2008)
- 9th International School and Symposium on Synchrotron Radiation in Natural Science, Ameliowka/PL (06/2008)
- EXRS 2008, Cavtat, Dubrovnik/Croatia (06/2008)
- 4th DASIM Workshop, Dublin/Irland (06/2008)
- Nanotech 2008, Massachusetts/USA (06/2008)
10. Lähnwitzseminar on Calorimetry - Calorimetry on a nano-scale, Rostock-Warnemünde/DE (06/2008)
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- MPS 08, Paris/FR (06/2008)
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- 40th EGAS (European Group for Atomic Systems) Conference, Graz/AT (07/2008)
- 14th International Catalysis Conference, Seoul/KR (07/2008)
- 23rd Int. Conference on Organometallic Chemistry, Rennes/FR (07/2008)
- ISMAM 2008, Buenos Aires/AR (07/2008)
- SXNX 10, Paris/FR (07/2008)
- GRC magnetic nanostructure, Aussois/FR (08/2008)
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- 22nd general conference of the condensed matter division of the EPS, Rome/IT (08/2008)
- CHISE, Prague/PL (08/2008)
- IUCr2008 Satellite meeting on x-ray and neutron techniques for nano-structural research, Hyogo/JP (08/2008)
- 21st Congress and general assembly of the international Union of crystallography IUCr2008, Osaka/JP (08/2008)
- 4th International Workshop on Spinel Nitrides and Related Materials, Rudesheim, Rhine/DE (08/2008)
- 18th European Conference on Thermophysical Properties, Pau/FR (08/2008)
- 9th European Congress of Neuropathology, Athens/GR (08/2008)
- Denver X-ray Conference, Denver, CO/USA (08/2008)
- 30th International Free Electron Laser Conference, Gyeongju/KR (08/2008)
- 2nd International Conference on Invertebrate Vision, Lund/SE (08/2008)
- GRC, New London, NH/USA (08/2008)
- FEL2008, Gyeongju/KR (08/2008)
- SPIE Optics & Photonics: X-Ray, Gamma-Ray, and Particle Technologies, San Diego, CA/USA (08/2008)
- ICDIM - 2008, Aracayu/BR (08/2008)
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- IUCR 2008, Osaka/JP (08/2008)
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- ICTMC 2008, Berlin/DE (09/2008)
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- Polymerwerkstoffe P2008, Halle (Saale)/DE (09/2008)
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- IUCr 2008, Osaka/JP (09/2008)
- 9th Conference on Colloid Chemistry, Colloid for Nano- and Biotechnology, Siófok/HU (09/2008)
- Deutsche Neutronenstreutagung 2008, Garching/DE (09/2008)
- XVII UCIC, Lviv/UA (09/2008)
- DMG 2008, Berlin/DE (09/2008)
- POLYFILM Conference 2008, Sheffield/GB (09/2008)
- FLASH User Meeting, Hamburg/DE (09/2008)
- Siam Synchrotron, Nakornratchasima/TH (09/2008)
- EPDIC 11, Warsaw/PL (09/2008)
- 46th EHPRG International Conference, Valencia/ES (09/2008)
- P2008, Halle/DE (09/2008)
- 2nd EuChemS Chemistry Congress, Tourin/IT (09/2008)
- MSE Congress 2008, Nürnberg/DE (09/2008)
- Gordon Research Conference on Biofunctional Interfaces, Aussois/FR (09/2008)
- SCS Fall Meeting, Zurich/CH (09/2008)
- REMAT, Karpacz/PL (09/2008)
- XTOP 2008, Linz/AT (09/2008)
- MSE 2008, Nürnberg/DE (09/2008)
- AVS 55th International Symposium and Exhibition, Boston/USA (10/2008)
- Workshop on the Science with and the Instrumentation for Small Quantum Systems at the European XFEL, Aarhus/DK (10/2008)
- Swiss XFEL Workshop, Lausanne/CH (10/2008)
- IDF/INRA International Symposium on Mineral and Dairy Products, St. Malo/FR (10/2008)
- ProcessNet-Jahrestagung 2008, Karlsruhe/DE (10/2008)
- IEEE Nuclear Science Symposium and Medical Imaging Conference, Dresden/DE (10/2008)
- PRIME2008, Honolulu/USA (10/2008)
- XAS08, Paul Scherrer Institute/CH (10/2008)
- Peak Brightness Collaboration Meeting, Hamburg/DE (10/2008)
- 2nd Thailand nanotechnology Conference, Phuket/TH (10/2008)
- Workshop Interaction of Free-Electron-Laser Radiation with Matter: Recent Experimental Achievements, Challenges for Theory, Hamburg/DE (10/2008)
- 50 Years after the Mössbauer Effect Today and in the Future, Garching/DE (10/2008)
- Frontiers in Optics 2008, Rochester/NY - USA (10/2008)
- International Workshop on Biological Physics at Large Facilities, Grenoble/FR (10/2008)
- 2008 Nuclear Science Symposium, Medical Imaging Conference and 16th Room Temperature Semiconductor Detector Workshop, Dresden/DE (10/2008)
- 10th International Conference on New Developments and Applications in Optical Radiometry (NEWRAD 2008), Daejeon/KR (10/2008)
- AsiaNANO 2008, Singapore/SG (11/2008)
- Colloquium at the University of Leicester, Leicester/GB (11/2008)
- Institutskolloquium der Physikalischen und Theoretischen Chemie in TU Braunschweig, Braunschweig/DE (11/2008)
- Porotec - 14. Workshop über die Charakterisierung von feinteiligen und porösen Festkörpern, Bad Soden/DE (11/2008)
- Scintillation materials engineering and radiation technologies, Kharkov/UA (11/2008)
- SARX 2008, Cabo Frio/BR (11/2008)
- Winter School on Synchrotron Radiation: Perspectives for Experiments on Surfaces and Interfaces, Bremen / Delmenhorst/DE (11/2008)
- Industrieforum 2008: Neue Materialien im Licht der Zukunft, Hamburg/DE (11/2008)
- MRS 2008, Boston/USA (12/2008)
- Invited Talk at PALS, Prague/CZ (12/2008)
- AGU, San Francisco/USA (12/2008)
- GdCh Kolloquium, Münster/DE (12/2008)
- Australian Synchrotron - Users Meeting 2008, Melbourne/AU (12/2008)
17. Norddeutscher Lasertag, Hannover/DE (12/2008)

Habilitationen

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Luminescence of single crystals and single crystalline films of oxide compounds with garnet and perovskite structure.
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Intrinsic and impurity related luminescence of phosphors based on the single crystalline films and single crystals of oxide and bromide compounds.

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Dissertationen

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Diplomarbeiten

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Buchbeiträge

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Energy transfer in neutron irradiated Gd₂SiO₅:Ce and Y₂SiO₅:Ce. Problems of Spectroscopy and Spectrometry
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Structure and morphology of polyfluorenes in solutions and the solid state.
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(Noch) Nicht im WJB

E-MRS 2008, Strasbourg/FR (05/2007)

HASYLAB Usermeeting 2008, Hamburg/DE (01/2008)

SPP 1181/2-Nanomaterial Project Meeting, Bayreuth/DE (01/2008)

Future Trends in Taxonomy, Carvoeiro/PT (01/2008)

HASYLAB Users Meeting, Hamburg/DE (01/2008)

Frühjahrstagung der Deutschen Physikalischen Gesellschaft,
Berlin/DE (02/2008)

72. Jahrestagung der Deutschen Physikalischen Gesellschaft,
Berlin/DE (02/2008)

41. Jahrestreffen Deutscher Katalytiker, Weimar/DE (02/2008)

GDCh (Gesellschaft Deutscher Chemiker) Ortsverband,
Aachen/DE (02/2008)

International Conference on Advanced Materials, Kottayam,
Kerala/IN (02/2008)

DPG Frühjahrstagung, Darmstadt/DE (03/2008)

16. Jahrestagung der Deutschen Gesellschaft für Kristallographie
(DGK), Erlangen/DE (03/2008)

Vorlesung am Institut für Geowissenschaften, Kiel/DE (04/2008)

1st Croatian symposium on zeolites with international
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ESRF User Meeting: Workshop on time-resolved and in-situ of
heterogeneous catalysts and catalytic processes using X-rays:
Current Possibilities and Future Prospects, Grenoble/FR (05/2008)

Hot nano topics 2008, Portoroz/SI (05/2008)

NATO ASI Nanostructured Materials for Advanced Technological
Applications, Sozopol/BG (06/2008)

5th European Charge Density Meeting, ECDM 5 with DFG 1178
Annual Meeting, Palazzo Gallio, Gravedona/IT (06/2008)

Department of Physical Chemistry, Faculty of Chemical and Food
Technology, Slovak University of Technology, Bratislava/Slovak
Republic (06/2008)

EXRS 2008, Cavtat, Dubrovnik/Croatia (06/2008)

6th International Workshop on Ultrafast-Surface Dynamics,
Banz/DE (07/2008)

Symposium on Ultra Clean Fuels, Dalian/JP (07/2008)

ICCE-16, Kunming/CN (07/2008)

2nd International Conference on Nanostructures Self-Assembly,
Roma/IT (07/2008)

ICN+T 2008, Keystone/Colorado /USA (07/2008)

IUMRS-ICEM 2008, Sydney/AU (07/2008)

European Conference on Dynamics of Molecular Systems
(MOLEC XVII 2008), St. Petersburg/RU (08/2008)

IUCR 2008, Osaka/JP (08/2008)

DZG 2008, Jena/DE (09/2008)

UK Synchrotron Meeting, Daresbury/UK (09/2008)

REMAT, Karpacz/PL (09/2008)

Slovene chemical days 2008, Maribor/SI (09/2008)

10th European Vacuum Conference, 7th Annual Meeting of the
German Vacuum Society, Balatonalmadi/HU (09/2008)

9th Biennial Conference on High Resolution X-Ray Diffraction
and Imaging, Linz/AT (09/2008)

14th Nordic Symposium on Catalysis, Goteborg/SE (10/2008)

SPO'08, Kiev/UA (10/2008)

SPP 1181/2-Nanomaterial Project Meeting, Mainz/DE (11/2008)

International workshop Drinking and wastewater treatment using
zeolites EUREKA project, Ljubljana/SI (11/2008)

6th national physics conference on basic research, Olimije/SI
(11/2008)

14th International Conference on Thin Films, Gent/BE (11/2008)

Nano-Day at DTU, Kgs. Lyngby/DK (12/2008)

MRS 2008, Boston/USA (12/2008)

EMBL

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Helix swapping leads to dimerization of the N-terminal domain of the c-type cytochrome maturation protein CcmH from *Escherichia coli*.
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