

Vorträge

DESY-Kolloquien

Panofsky Lecture

R. GARWIN (Thomas J. Watson Research Center)
Pief's Contribution to Arms Control and Nuclear Disarmament.
14.03.2008

Festkolloquium for Jochen R. Schneider

A. FREUND, J. HASTINGS
The early years.

P. COPPENS
The quest for higher resolution in space and in time.

H. REICHERT
Looking deep into materials using high energy X-rays.

H. CHAPMAN
Imaging at FLASH and Beyond.

H. DOSCH
Long nights at DESY.
24.01.2008

Festkolloquium for Fridger Schrempp

A. RINGWALD
Instantons/Sphalerons: Searching for new physics within the Standard Model.

S.-O. MOCH
Deep-inelastic scattering – from HERA to the LHC.
19.02.2008

Festkolloquium for Rolf-Dieter Heuer

A. WAGNER
Exploring the world with electrons.

R. BAILEY
Challenges with protons: LHC construction and commissioning.

P. ZERWAS
High-energy physics: Telescoping the Planck scale.

H.-F. WAGNER
Particle physics in Germany: Competition for public funding of large-scale research facilities.
05.12.2008

Kolloquium

H. DOSCH (MPI für Metallforschung, Stuttgart)
Shining Light on Semi-Infinite Matter.
10.09.2008

DESY Heinrich-Hertz Lecture on Physics

G. VENEZIANO (CERN)
Space, Time and Matter.
30.09.2008

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

H. DOSCH (Max Planck Institute for Metals Research Stuttgart)
Grand Challenges for Megafacilities.
04.12.2008

DESY-Seminare

D. RENNER
Parton Distributions, Form Factors, and Generalized Parton Distributions from Lattice QCD.
10.01.2008

R. THORNE (University College London)
An Update of the Parton Distributions for the LHC.
16.01.2008

T. HUBER (RWTH Aachen)
Expansion of hypergeometric functions about integer and half-integer parameters.
17.01.2008

A. KRETZSCHMANN, M. WINDE, R. HELLER
10 t und 1 m Die Entwicklung des Heavymovers.
22.01.2008

C. DAMERELL (RAL)
R&D for Detectors for the International Linear Collider.
22/23.01.2008

F. FARCHIONI (Univ. Münster)
Lattice simulation of QCD with one quark flavor.
22.01.2008

J. PLEFKA (Humboldt University, Berlin)
Absence of gravitational contributions to the running Yang-Mills coupling .
24.01.2008

D. HORNS (Univ. Hamburg)
Astrophysics at the Terascale.
29.01.2008

T. NOLL (BESSY)
Hochpräzise Spiegelkammer im Ultrahochvakuum.
29.01.2008

Z. FODOR (Univ. Wuppertal)
Recent Result in QCD Thermodynamics from the Lattice.
30.01.2008

P. LANGACKER (University of Pennsylvania/IAS)
Z'-mediated Supersymmetry Breaking.
31.01.2008

I. BOHNET
DESY und die Helmholtz-Gemeinschaft Vorbereitungen auf die zweite Programmperiode der Helmholtz-Gemeinschaft 2010 14.
05.02.2008

- G. J. GOUNARIS (University of Thessaloniki)
Genuine SUSY signatures at high energies: Application to $u\bar{d}$, $d\bar{L}$, $\bar{L}u$, $\bar{L}d$.
07.02.2008
- C. HESHENG (IHEP, Beijing)
Particle Physics in China.
12.02.2008
- S. RIEMANN
Eine kleine Einführung in die Beschleunigerphysik für Nichtphysiker.
12.02.2008
- H. CHEN (Institute of High Energy Physics, Beijing)
Prospect of Particle Physics in China.
13.02.2008
- K. HASEGAWA
Large mass expansion in two-loop QCD corrections of para-charmonium decay.
14.02.2008
- W.-D. NOWAK
Exclusive Reactions at Hermes.
20.02.2008
- J. KROSEBERG (Universität Bonn and SCIPP, University of California)
Measurements of Radiative Penguin Decays of B Mesons.
26/27.02.2008
- T. DIAKONIDIS
Neutralino neutralino annihilation to γZ in MSSM.
28.02.2008
- B. KAYSER (FNAL)
Neutrinos: Results and Future.
04.03.2008
- R. FOLLATH (BESSY)
BESSY ein Überblick.
04.03.2008
- C. REMBSER (CERN)
Non-LHC physics program at CERN.
11.03.2008
- W. LOHMANN
Die Strahlungsmonitorierung am CMS-Detektor (LHC, CERN).
11.03.2008
- C. REMBSER (CERN)
The Physics Program at the PS and SPS: CERNs unique Scientific Breadth.
12.03.2008
- M. SPANNOVSKY (Univ. Karlsruhe)
Four Generations and Higgs Physics.
13.03.2008
- K. LEFFHALM
DQ2 Data Distribution with DQ2 in ATLAS.
18.03.2008
- V. BÜSCHER (Universität Bonn)
Searches for New Physics at the Tevatron – recent results.
18/19.03.2008
- L. OBERAUER (TU München)
First Results from BOREXINO and Prospects of Low Energy Neutrino Astronomy.
25/26.03.2008
- D. BAILEY (Lawrence Berkeley Laboratory, USA)
High-Performance Computing and Mathematical Physics.
27.03.2008
- J. BOUDREAU (Univ. of Pittsburgh)
B physics at the TeVatron.
01/02.04.2008
- R. R. HORGAN (Univ. of Cambridge)
The Thermal Casimir Effect, Soap Films and the Schrödinger Functional.
03.04.2008
- S. GLAZOV, S. SHIMIZU (Tokyo Univ)
Measurements of FL at HERA.
15/16.04.2008
- T. MENDES (Universidade de So Paulo)
Chiral phase transition in two-flavor QCD at finite temperature.
03.04.2008
- T. STREUER
Das QPACE-Projekt (massiv paralleler Rechner basierend auf dem Cell-Prozessor).
29.04.2008
- U. HUSEMANN
The CDF Silicon Detector: Design, Operations, Studies.
29.04.2008
- M. KLASSEN (Univ. Grenoble)
Precision predictions for SUSY and GUT processes at hadron colliders.
06/07.05.2008
- V. RAVINDRAN (Harish Chandra Research Institute, Allahabad)
Soft gluon corrections at N³LO for processes with single scale.
08.05.2008
- E. PALLANTE (Univ. of Groningen)
The Physics of Many Flavours.
19.05.2008
- S. WEISSE
Das FITZ Video System Weiterentwicklung von Bildauslese und Softwarearchitektur.
20.05.2008
- S. KLEPSEK
IceTop - PeV Cosmic Rays at the South Pole.
21.05.2008
- N. BERGER (IHEP)
The Beijing Spectrometer III Experiment - Status and Physics Program.
27.05.2008
- B. VOIGT
IceCube Auf dem Weg zum 1 km³ großen Neutrinodetektor.
03.06.2008
- F. PROEBST (MPI Munich)
Progress in direct dark matter searches and CRESST.
03/04.06.2008
- F. SANNINO (University of Southern Denmark)
The Phase Diagram of SU(N) Gauge Theories: From LHC to Cosmology.
09.06.2008
- D. BEMMERER (Forschungszentrum Dresden-Rossendorf)
LUNA and the Neutrinos from the Sun.
10/11.06.2008

- K. WURR
Technologie-Transfer bei DESY.
10.06.2008
- A. NYFFELER (Harish-Chandra Research Institute, Allahabad, India)
Little Higgs at the LHC.
12.06.2008
- U.-J. WIESE (Univ. Bern)
Cluster Algorithms for Quantum Spin Systems.
16.06.2008
- L. BAUDIS (Univ. Zürich)
Cold Dark Matter Searches and the Xenon100 experiment.
17.06.2008
- S. WEISSE
Das PITZ Video System Weiterentwicklung von Bildauslese und Softwarearchitektur.
17.06.2008
- M. PLUEMACHER (MPI München)
Leptogenesis and the early Universe.
18.06.2008
- H. KREBS (Univ. Bonn)
Nuclear effective field theory on the lattice.
23.06.2008
- M. WOBISCH (Louisiana Tech University)
QCD Studies at the TeVatron - recent results.
24.06.2008
- W. FRIEBEL
Perl Neues und Interessantes.
01.07.2008
- S. EIDELMAN (Budker Inst. Novosibirsk)
Lepton Universality and tau lepton Mass Measurement.
01/02.07.2008
- M. GOLTERMAN (San Francisco State University)
Unraveling duality violations in hadronic tau decay.
03.07.2008
- B. SURROW (MIT)
Exploring the proton spin structure in high-energy polarized pp collisions.
08.07.2008
- M. GAWRON
Central Subversion Service by DESY.
08.07.2008
- C. WETTERICH (Univ. Heidelberg)
Dark energy a cosmic mystery.
09.07.2008
- S. BADGER
On-Shell Methods for One-Loop Scattering Amplitudes.
04.09.2008
- K. ZUBER (TU Dresden)
In search of neutrinoless double beta decay.
09/10.09.2008
- J. STIRLING (Durham)
A review of latest developments in PDFs.
16.09.2008
- J. CHARLES (CPT-MARSEILLE)
Recent results in quark flavor phenomenology.
18.09.2008
- A. STOCCHI (Orsay)
First Evidence for New Physics in $B \rightarrow \mu s$.
23/24.09.2008
- W. ZEUNER
Status of the CMS Experiment.
07/08.10.2008
- O. BRÜNING (CERN)
Status of the LHC Machine 2008 Agenda and Events.
14/15.10.2008
- G. BENELLI (CERN)
The CMS Software Performance at the Start of Data Taking.
21.10.2008
- R. ENGEL (KIT)
Recent Results and New Puzzles from the Pierre Auger Observatory.
22.10.2008
- F. BERNARDONI
Chiral Perturbation Theory in the Mixed Regime.
27.10.2008
- A. INCICCHITTI (INFN Sezione di Roma)
Signals from the Universe: from DAMA/NaI to DAMA/LIBRA.
28/29.10.2008
- TH. NAUMANN
Vom Quark zum Kosmos die Geschichte vom Anfang der Welt.
04.11.2008
- Z. NAGY
NLO parton level Monte Carlo.
06.11.2008
- J. STIRLING (Durham University)
Introduction to Parton Distributions and MSTW Analysis.
12.11.2008
- J. HUSTON (Michigan State University)
Cross Section Predictions for the LHC.
11/13.11.2008
- M. DONNELLAN
Moments of Light-Cone Distribution Amplitudes from Lattice QCD.
17.11.2008
- M. KLEIN (University of Liverpool)
LHeC.
18/19.11.2008
- R. ZINKE
Arbeitsschutzunterweisung.
20.11.2008
- V. BERNARD (LPT Strassbourg)
New physics with a non decoupling low energy effective theory.
20.11.2008
- A. LENZ (Univ. Regensburg)
Search for new Physics in B_s mixing.
27.11.2008
- T. BURCH
Singly heavy hadrons and their excitations in the static approximation and beyond.
01.12.2008
- E. PEIK (PTB Braunschweig)
Search for New Physics with Atomic Clocks.
02.12.2008

- E. GALLO (INFN Firenze)
Structure Functions Results at HERA.
03.12.2008
- P. NASON (INFN)
Shower Monte Carlo at next-to-leading order: the POWHEG method.
04.12.2008
- A. KAHN (VKTA Dresden)
Stilllegung kerntechnischer Anlagen, Rückbau, Freimessen und Freigabe.
09.12.2008
- S. NELSON (SLAC)
Bottomonium Spectroscopy and the Discovery of the Bottomonium Ground State at BaBar.
09/10.12.2008
- J. HENN (Humboldt-Universität)
Scattering amplitudes, Wilson loops, and dual superconformal symmetry.
11.12.2008
- B. HEINEMANN (University of California, Berkeley)
The Tevatron as a Probe of the Fundamental Particles and their Interactions in our Universe.
16/17.12.2008
- B. SVETITSKY (Tel Aviv University)
Lattice gauge theory beyond the Standard Model.
18.12.2008

Öffentliche Abendvorträge

- M. TOLAN (Universität Dortmund)
So wären wir (fast) Weltmeister geworden! - Die Physik des Fußballspiels -.
25.01.2008
- W. SCOBEL (Univ. Hamburg)
Die Physik des Fahrrads - und des Radfahrens.
26.03.2008
- J. LEMMERICH (Berlin)
Gedanken zu Max Planck (*23.04.1858; 4.10.1947).
23.04.2008
- P. SIKIVIE (University of Florida Gainesville)
The Dark Matter Puzzle.
19.06.2008
- K. BÜSSER
Reise zum Urknall - Mit den Teilchenbeschleunigern der Zukunft in die Vergangenheit des Universums.
16.07.2008
- O. STRATHERN (VIENNA)
The Weird and Wonderful History of the Future.
17.09.2008
- REFERENDARE DES STUDIENSEMINARS UNTER LEITUNG VON G. HILLER (Stade)
Das Ziegenproblem und andere Merkwürdigkeiten.
08.10.2008
- C. LEFEBVRE (Deutscher Wetterdienst in Hamburg)
Der Klimawandel in Deutschland und Global.
12.11.2008

BRIDFAS Lectures

- K. NIESER
To Speak in Wood: Michael Zondi: South African Sculptor.
10.01.2008
- V. HEFFERNAN
Murderers, Magicians, Madmen & Monarchs: Shakespeare through the Artist's Eye.
13.02.2008
- L. SMITH
Primitivism in Twentieth-Century Art: The Importance of Non-Industrialised Cultures to the Development of Western Modernism.
06.03.2008
- D. SKEGGS
Prague.
23.04.2008
- W. SCOBEL
Die Physik des Fahrrads - und des Radfahrens.
21.05.2008
- S. LENTON
Opera: The Living Melting Pot of Culture.
09.09.2008
- D. HEYWOOD
Cambodia: The Art of Angkor and Living Arts.
15.10.2008
- J. KELSALL
Pearls before Swine? The Story of a Royal Necklace.
20.11.2008
- O. GRAMMEL (Berlin)
Die zauberhafte Weihnachtsshow: CheMagie.
17.12.2008

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, Asteroiden, 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)