

## V.2 Conference Contributions

**Workshop on Astronomy with Radioactives**

Ringberg, Germany, January 6 – 10

G. Korschinek:

**$^{60}\text{Fe}$  on Earth: status**

**International Workshop XXXVI on Gross Properties of Nuclei and Nuclear Excitations:  
Modern Aspects in Nuclear Structure and Reactions, Hirschegg, Austria, January 13 - January 19, 2008**

R. Krücken:

**Probing shell closures and shape coexistence with MINIBALL**

Proceedings

S. Typel:

**Pseudospin, Supersymmetry and the Shell Structure of Nuclei**

Proceedings

**The 5th International Symposium Radiation and Cancer**

Hiroshima, Japan, January 23 – 24, 2008

A.A. Friedl:

**The Munich ion microbeam SNAKE**

**International Workshop on New Frontiers in QCD**

YITP, Kyoto, Japan, January 28 – March 21, 2008

W. Weise:

**Modelling the chiral and deconfinement transitions of QCD**

Invited Seminar

**Frühjahrs-Meeting SFB/TR 27 : Neutrinos and Beyond**

Heidelberg, Germany, January 30, 2008

C. Coppi:

**Bulk quenching factor measurements of  $\text{CaWO}_4$  at mK temperatures with neutrons**

C. Isaila:

**Cryogenic Light Detector**

S. Roth:

**Thermal Detector Model for Cryogenic Composite Detectors for the Dark Matter Experiments**

**CRESST and EURECA**

**20th International Conference on Ultra-Relativistic Nucleus-Nucleus Collisions (QM2008)**

Jaipur, India, February 4 – 10, 2008

Y.C. Pachmayer for the HADES collaboration:

**Dielectron Production in  $^{12}\text{C} + ^{12}\text{C}$  Collisions at 1 GeV/u and the Solution to the DLS Puzzle**

submitted to J. Phys. G, arXiv:0804.3993

C. Sasaki:

**Density Fluctuations as signature of a non-equilibrium first order phase transition**

J.Phys. **G35** (2008) 104095

C. Sasaki:

**Vector-axialvector mixing in hot matter and its hadronic model description**

Poster

**XXXIX. Arbeitstreffen Kernphysik**  
Schleching, Germany, February 21 – 28, 2008

P. Hägler:

**Hadronenstruktur auf dem Gitter und in chiraler Störungstheorie**

**YITP International Symposium "Fundamental Problems in Hot and/or Dense QCD"**  
YITP, Kyoto, Japan, March 03 – 06, 2008

C. Sasaki:

**Vector-axialvector mixing in hot matter and its hadronic model description**

Poster

Prog.Theor.Phys.Suppl. **174** (2008) 173

W. Weise:

**Hot and dense hadronic matter — selected topics**

Invited plenary talk

Prog.Theor.Phys.Suppl. **174** (2008) 1

**Frühjahrstagung der Deutschen Physikalischen Gesellschaft**  
Freiburg, March 3 – 7, 2008

P. Calfayan and T. Nunnemann:

**Search for Second generation Leptoquarks in  $p\bar{p}$  Collisions at the Tevatron**

Verhandl. DPG (VI) 43/2 (2008) T48.6

C. Coppi, C. Ciemiak, F.v. Feilitzsch, A. Gütlein, C. Isaila, J.-C. Lanfranchi, S. Pfister, W. Potzel, W. Rau, S. Roth, M. Stark, W. Westphal, J. Jochum, M. Kimmerle, C. Sailer, S. Scholl, and I. Usherov-Marshak:

**First results of bulk quenching factor measurements of CaWO<sub>4</sub> at mK temperatures with monoenergetic neutrons**

Verhandl. DPG (VI) 43 (2008) T 87.2

J. de Graat and R. Ströhmer:

**Suche nach Gebieten auffälliger Signaturen im SUSY Parameterraum**

Verhandl. DPG (VI) 43/2 (2008) T48.4

G. Deuter, M. Bauer, J. Jochum, M. Kimmerle, T. Lachenmaier, C. Osswald, K. Rottler, C. Sailer, S. Scholl, and I. Usherov-Marshak:

**Alternatives Konzept einer Neutronenquelle zur Kalibrierung von Tieftemperaturdetektoren**

Verhandl. DPG (VI) 43 (2008) T 87.1

J. Dubbert, T. Ehrich, M. Groh, S. Kaiser, O. Kortner, S. Kotov, H. Kroha, J.v. Loeben, O. Biebel, D. Merkl, T. Müller, F. Rauscher, S. Zimmermann, für die ATLAS Myon-Kollaboration:

**Evaluierung der Datenqualität des ATLAS-Myonspektrometers**

Verhandl. DPG (VI) 43/2 (2008) T53.2

J. Elmsheuser, J. Ebke, and T. Mahmoud:

**Werkzeuge zur verteilten Analyse im ATLAS-Experiment**

Verhandl. DPG (VI) 43/2 (2008) T67.8

A. Engl für die LMU-ATLAS-MDT-Myon-Kollaboration:

**Temperatur- und Deformationsstudien an ATLAS MDT BOS Kammern**

Verhandl. DPG (VI) 43/2 (2008) T52.6

F.v. Feilitzsch:

**Neue Ergebnisse zur solaren Neutrinoastronomie**

Verhandl. DPG (VI) 43 (2008) T 3.2

M.-H. Genest:

**Leptonic supersymmetric search with ATLAS**

Verhandl. DPG (VI) 43/2 (2008) T44.4

A. Grohsjean and F. Fiedler:

**Messung der Top-Quark Masse im dileptonischen Kanal mit der Matrix-Element-Methode beim D0-Experiment**

Verhandl. DPG (VI) 43/2 (2008) T34.5

A. Gütlein, C. Ciemniak, C. Coppi, F.v. Feilitzsch, C. Isaila, J.-C. Lanfranchi, L. Oberauer, S. Pfister, W. Potzel, S. Roth, and W. Westphal:

**Entwicklung von Kryodetektoren zum Nachweis kohärenter Neutrinostreuung an Atomkernen**

Verhandl. DPG (VI) 43 (2008) T 87.3

P. Haefner and F. Fiedler :

**Messung der Top-Quark Masse mit der Matrix Element Methode im semileptonischen Zerfallskanal bei D0**

Verhandl. DPG (VI) 43/2 (2008) T34.2

A. Mlynec, R. Hertenberger, für die LMU-ATLAS-MDT-Myon-Kollaboration:

**Einfluss schneller Untergrundneutronen auf die Einzelrohrauflösung von Atlas MDT-Myon-Detektoren**

Verhandl. DPG (VI) 43/2 (2008) T50.3

C. Isaila, C. Ciemniak, C. Coppi, F.v. Feilitzsch, A. Gütlein, J. Kemmer, J.-C. Lanfranchi, A. Pahlke, S. Pfister, W. Potzel, S. Roth, W. Westphal, and F. Wiest:

**Application of the Neganov-Luke Effect for Scintillation Light Detection**

Verhandl. DPG (VI) 43 (2008) T 87.5

G. Kroboth and R. Ströhmer:

**Suche nach Leptoquarks der zweiten Generation mit ATLAS am LHC**

Verhandl. DPG (VI) 43/2 (2008) T48.7

P. Lang:

**Studien zu ATLAS-MDT-Driftgasen**

Verhandl. DPG (VI) 43/2 (2008) T52.5

T. Lewke for the BOREXINO-Collaboration:

**Muon veto efficiency of the BOREXINO detector**

Verhandl. DPG (VI) 43 (2008) T 88.3

M. Lichtnecker and O. Biebel:

**Simulation von Underlying Event und dessen Rekonstruktion mit dem  $k_T$ -Algorithmus beim ATLAS-Experiment**

Verhandl. DPG (VI) 43/2 (2008) T26.5

J.v. Loeben, J. Dubbert, T. Ehrich, M. Groh, S. Horvat, S. Kaiser, O. Kortner, H. Kroha, S. Kotov, S. Mohrdiek-Möck, I. Potrap, R. Richter, V. Zhuravlov, O. Biebel, D. Merkl, T. Müller, F. Rauscher, U. Landgraf, W. Mohr, S. Zimmermann, für die ATLAS Myon-Kollaboration:

**Inbetriebnahme des ATLAS-Myonspektrometers**

Verhandl. DPG (VI) 43/2 (2008) T52.2

T. Müller and O. Biebel:

**Untersuchung von  $Z/\gamma^* \rightarrow \mu^+ \mu^-$  Zerfällen bei hohen Dimuon-Massen mit dem ATLAS-Experiment**  
Verhandl. DPG (VI) 43/2 (2008) T29.3

T. Mahmoud, J. Ebke, and J. Elmsheuser :

**Automatische Jobkontrolle für Athena/AthenaMC in GANGA**  
Verhandl. DPG (VI) 43/2 (2008) T66.8

R. Mameghani, O. Biebel, F. Fiedler, and M. Lambacher:

**Studien zur Messung des Verzweigungsverhältnisses von dileptonischen und semileptonischen  $t\bar{t}$ -Ereignissen am ATLAS-Experiment**  
Verhandl. DPG (VI) 43/2 (2008) T33.8

D. Merkl:

**3D Temperature Map of the ATLAS Muon Spectrometer**  
Verhandl. DPG (VI) 43/2 (2008) T52.4

F. Rauscher, O. Biebel, J. Dubbert, M. Groh, S. Horvat, S. Kaiser, O. Kortner, S. Kotov, H. Kroha, J.v. Loeben, D. Merkl, I. Potrap, für die ATLAS Myon-Kollaboration:

**Online-Kalibration des ATLAS Myonspektrometers**  
Verhandl. DPG (VI) 43/2 (2008) T53.3

S. Roth, C. Ciemniak, C. Coppi, F.v. Feilitzsch, A. Gütlein, C. Isaila, J.-C. Lanfranchi, S. Pfister, and W. Potzel:

**Thermal Detector Model for Cryogenic Composite Detectors for the Dark Matter Experiments CRESST and EURECA**  
Verhandl. DPG (VI) 43 (2008) T 86.5

B. Ruckert and J. Elmsheuser:

**Studie zur assoziierten WH-Produktion im leptonischen Zerfallskanal mit dem ATLAS-Experiment**  
Verhandl. DPG (VI) 43/2 (2008) T41.3

S. Scholl, M. Bauer, K. Rottler, G. Deuter, T. Lachenmaier, and J. Jochum:

**Simulation of Neutron Background for the CRESST Experiment**  
Verhandl. DPG (VI) 43 (2008) T 86.2

M. Schott, J. Elmsheuser, and G. Duckeck:

**Parallele Verarbeitung von ATLAS Daten mit Proof**  
Verhandl. DPG (VI) 43/2 (2008) T67.9

C. Serfon:

**Search for SUSY trilepton events with ATLAS at the Focus Point**  
Verhandl. DPG (VI) 43/2 (2008) T44.5

B. Tiller and T. Nunnemann:

**Messung differentieller Wirkungsquerschnitte für die assoziierte Produktion des  $Z$  Bosons mit Jets am TeVatron**  
Verhandl. DPG (VI) 43/2 (2008) T24.7

J. Winter, F.v. Feilitzsch, M. Göger-Neff, T. Marrodán Undagoitia, L. Oberauer, W. Potzel, and M. Wurm:

**LENA: A low-energy neutrino observatory and proton decay detector**  
Verhandl. DPG (VI) 43 (2008) T 88.6

M. Wurm, F.v. Feilitzsch, M. Göger-Neff, T. Lewke, Q. Meindl, L. Oberauer, J. Winter, for the BOREXINO-Collaboration:

**Muon Track Reconstruction in the Outer Detector of Borexino**

Verhandl. DPG (VI) 43 (2008) T 88.2

**ISCO Congress 2008 of the International Society for Cellular Oncology**

Amsterdam, The Netherlands, March 5-8, 2008

H. Strickfaden, V. Hable, C. Greubel, G.A. Drexler, A. Hauptner, R. Krücken, G. Dollinger, S. Dietzel, T. Cremer, S. Auer, and A.A. Friedl:

**Exploring the dynamics of DNA-repair in living and fixed cells using the ion-microbeam-facility snake**

Cellular Oncology 30 2008 (273)

**Frühjahrstagung der DPG**

Darmstadt, Germany, March 10 – 14, 2008

M. Berger, R. Münzer, für die FOPI Kollaboration:

**Testexperimente:  $\Lambda$  Trigger für den FOPI-Detektor am SIS**

Verhandl. DPG (VI) 43 (2008) 90 HK 27.8

V. Bildstein, R. Krücken, Th. Kröll, R. Gernhäuser, K. Wimmer, M. Huyse, P. van Duppen, R. Raabe, N. Patronis, N. Bree, J. Diriken, für die IS454-Kollaboration:

**Die  $d(^{30}\text{Mg}, ^{31}\text{Mg})p$  Transferreaktion an REX-ISOLDE**

Verhandl. DPG (VI) 43 (2008) 75 HK 15.6

D. Blaschke, T. Klähn, F. Sandin, C. Fuchs, A. Faessler, G. Roepke, J. Truemper, and S. Typel:

**Color superconducting quark matter in compact stars**

Verhandl. DPG (VI) 43 (2008) 86 MO 24.3

B. Bruyneel, N. Birkenbach, J. Eberth, H. Hess, G. Pascovici, P. Reiter, A. Wiens, D. Bazzacco, A. Pullia, F. Zocca, for the AGATA Collaboration:

**Position sensitive  $\gamma$ -ray detection with AGATA**

Verhandl. DPG (VI) 43 (2008) 61 HK 4.1

M. Bussmann, U. Schramm, P.G. Thirolf, V.S. Kolhinen, J. Szerypo, J.B. Neumayr, M. Sewtz, and D. Habs:

**Sympathetic Cooling of Ions using Laser-Cooled One-Component Plasmas**

Verhandl. DPG (VI) 43 (2008) A28.5

M. Cristoforetti, P. Faccioli, M. Traini, and J.W. Negele:

**Interacting instanton liquid model and transition into the chiral regime of QCD**

Verhandl. DPG (VI) 43 (2008) 118

I. Dillmann, A. Wallner, G. Rugel, L. Coquard, S. Walter, F. Käppeler, O. Forstner, R. Golser, A. Priller, P. Steier, T. Faestermann, K. Knie, G. Korschinek, and M. Poutivtsev:

**Progress in determining keV neutron cross sections with AMS**

Verhandl. DPG (VI) 43 (2008) HK 36.2

T. Dorsch, H.G. Bohlen, W. von Oertzen, R. Krücken, T. Faestermann, R. Hertenberger, T. Kokalova, M. Mahgoub, M. Milin, C. Wheldon, and H.-F. Wirth:

**Untersuchung der Cluster-Strukturen von  $^{18}\text{O}$  und  $^{20}\text{O}$**

Verhandl. DPG (VI) 43 (2008) 75 HK 15.2

J. Endres, P. Butler, P. Dendooven, M. Harakeh, R.-D. Herzberg, R. Krücken, L. Popescu, D. Savran, M. Scheck, K. Sonnabend, S. Harissopulos, A. Lagoyannis, H. Wörtche, and A. Zilges:

**Untersuchung der Pygmydipolresonanz in  $^{124}\text{Sn}$  mit Hilfe der  $(\alpha, \alpha\gamma)$  Reaktion**

Verhandl. DPG (VI) 43 (2008) HK 8.4

T.A. Gail and T.R. Hemmert:  
**Chiral extrapolations of nucleon form factors**  
Verhandl. DPG (VI) 43 (2008) 82

T. Galatyuk for the HADES-Collaboration:  
**Dielectron measurement in proton-proton interactions at beam energy 1.25 GeV with HADES**  
Verhandl. DPG (VI) 43 (2008) 66 HK 8.4

D. Gonzalez-Diaz for the HADES-Collaboration:  
**System performances of the HADES-tRPC wall**  
Verhandl. DPG (VI) 43 (2008) 89 HK 26.9

P. Hägler for the QCDSF-UKQCD and LHPC Collaboration:  
**The structure of the nucleon from lattice QCD simulations**  
Verhandl. DPG (VI) 43 (2008) 82

M. Heil, K. Suemmerer, F. Hammache, D. Galaviz, S. Typel, and S246 Collaboration:  
**Low-energy cross section of the BBN reaction  $d(\alpha, \gamma)^6\text{Li}$  by Coulomb dissociation of  $^6\text{Li}$**   
Verhandl. DPG (VI) 43 (2008) 85 HK 24.2

T. Heindl, R. Krücken, A. Morozov, A. Ulrich, and J. Wieser:  
**Effizienzmessungen für die Emission der zweiten Excimerkontinua der reinen Edelgase bei Elektronenstrahlanregung**  
Verhandl. DPG (VI) 43 (2008) 158 MO 15.4

T. Hell, S. Rößner, and W. Weise:  
**Thermodynamics of a non-local NJL-type model**  
Verhandl. DPG (VI) 43 (2008) 105

R. Hertenberger, H.-F. Wirth, T.v. Egidy, G. Graw, M. Balodis, J. Berzins, N. Kramere, J. Jolie, S. Christen, O. Möller, D. Tonev, J. Barea, R. Bijker, and A. Frank:  
**Supersymmetrie in  $^{194}\text{Ir}$**   
Verhandl. DPG (VI) 43/3 (2008) HK22.7

M. Jurkovic für die HADES Kollaboration:  
**Analyse des  $e^+e^-$  - Paarsignals in Ar + KCl Kollisionen bei  $E_{\text{kin}} = 1.76$  AGeV**  
Verhandl. DPG (VI) 43 (2008) 90 HK 27.4

N. Kaiser:  
**Parity-violating two-pion exchange nucleon-nucleon interaction**  
Verhandl. DPG (VI) 43 (2008) 118

N. Kaiser, P. de Homont, and W. Weise:  
**In-medium chiral condensate beyond linear density approximation**  
Verhandl. DPG (VI) 43 (2008) 127

B. Klein and J. Braun:  
**Comparison of  $O(4)$  scaling behaviour and lattice QCD results**  
Verhandl. DPG (VI) 43 (2008) 91

V.S. Kolhinen, M. Bussmann, D. Habs, J.B. Neumayr, U. Schramm, C. Schürmann, M. Sewtz, J. Szerypo, and P.G. Thirolf:

**MLLTRAP: Penning trap facility for high-precision mass measurements**

Verhandl. DPG (VI) 43 (2008) MS 2.4

T. Kotthaus, P. Reiter, T. Faestermann, F. Finke, R. Hertenberger, H. Hess, M. Kalkühler, T. Morgan, P.G. Thirolf, A. Wendt, A. Wiens, and H.-F. Wirth:

**Erste Messungen zum Termschema von  $^{230,232}\text{Pa}$**

Verhandl. DPG (VI) 43 (2008) HK 34.96

Th. Kröll, R. Behrens, V. Bildstein, R. Gernhäuser, R. Krücken, N. Bree, I. Stefanescu, P. van Duppen, J. van de Walle, G. Georgiev, J. Leske, K.-H. Speidel, A. Jungclaus, für die MINIBALL und REX-ISOLDE Kollaboration:

**Coulombanregung neutronenreicher Kerne bei REX-ISOLDE**

Verhandl. DPG (VI) 43 (2008) 125 HK 48.1

Y. Kwon and W. Weise:

**Improved QCD sum rule analysis for vector mesons**

Verhandl. DPG (VI) 43 (2008) 106

M. Laatiaoui, M. Sewtz, D. Habs, H. Backe, W. Lauth, and P. Kunz:

**Development of a Drift Time Spectrometer for Heavy Element Research**

Verhandl. DPG (VI) 43 (2008) A 6.3

J. Lachner, A. Alke, I. Dillmann, T. Faestermann, F. Klein, G. Korschinek, Ch. Lierse von Gostomski, M. Maiti, M. Poutivtsev, G. Rugel, and A. Türler:

**Suche nach primordialem  $^{244}\text{Pu}$  mit hochsensitiver AMS**

Verhandl. DPG (VI) 43 (2008) HK 34.16

A. Laschka, N. Kaiser, and W. Weise:

**The heavy quark potential from QCD and quarkonia**

Verhandl. DPG (VI) 43 (2008) 117

M. Liu, W. Kuehn, T. Perez, V. Pechenov, S. Yang, für the HADES-Collaboration:

**Implementation of an FPGA-based MDC Track Reconstruction Algorithm for the HADES Upgrade**

Verhandl. DPG (VI) 43 (2008) 100 HK 34.37

M. Lorenz, A. Schmah, für the HADES-Collaboration:

**Measurement of charged Kaons in ArKCl collisions at 1.756 AGeV**

Verhandl. DPG (VI) 43 (2008) 103 HK 34.55

M. Mahgoub, V. Bildstein, H.G. Bohlen, D. Bucurescu, T. Dorsch, T. Faestermann, R. Gernhäuser, R. Hertenberger, T. Kokalova, Th. Kröll, R. Krücken, L. Maier, W. von Oertzen, C. Wheldon, and H.-F. Wirth:

**Two-neutron transfer reactions investigating shell stability and inverse kinematics capability**

Verhandl. DPG (VI) 43 (2008) 108 HK 34.92

P. Maierbeck für die S277-Kollaboration:

**Untersuchung der Einteilchenstruktur in der Umgebung von  $^{54}\text{Ca}$  durch Ein-Neutron-Knockout**

Verhandl. DPG (VI) 43 (2008) 125 HK 48.3

T. Marrodán Undagoitia, F.v. Feilitzsch, M. Göger-Neff, L. Oberauer, W. Potzel, J. Winter, and M. Wurm:

**Liquid scintillator development for the proposed LENA detector**

Verhandl. DPG (VI) 43 (2008) HK 10.3



T. Morgan, B. Bruyneel, L. Csige, I. Daoutidis, D. Habs, T. Kotthaus, R. Lutter, H.J. Maier, P. Reiter, P. Ring, O. Schaile, W. Schwerdtfeger, P.G. Thirolf, and N. Warr:

**Identification of Single-Particle States in Superdeformed  $^{237}\text{Pu}$**

Verhandl. DPG (VI) 43 (2008) HK 34.83

B. Musch, P. Högler, *et al.*:

**Transverse momentum distributions of quarks from the lattice using extended gauge links**

Verhandl. DPG (VI) 43 (2008) 104

L. Naumann, F. Dohrmann, K. Heide, L. Heinrich, J. Hutsch, B. Kämpfer, R. Kotte, M. Paul, M. Sobiella, J. Wüstenfeld, *for the HADES-Collaboration*:

**Multiwire-Drift-Chambers for the HADES Spectrometer at FAIR**

Verhandl. DPG (VI) 43 (2008) 100 HK 34.31

L. Oberauer *and* BOREXINO Collaboration:

**Low Energy Neutrino Astronomy and Results from BOREXINO**

Verhandl. DPG (VI) 43 (2008) HK 32.1

M. Palka *for the HADES-Collaboration*:

**The new Data Acquisition system of the HADES experiment**

Verhandl. DPG (VI) 43 (2008) 124 HK 47.2

O. Pechenova, V. Pechenov, *for the HADES-Collaboration*:

**New HADES Alignment Strategy with Millepede\***

Verhandl. DPG (VI) 43 (2008) 100 HK 34.35

T. Perez, C. Gilardi, X. Hao, D. Kirschner, I. Konorov, A. Kopp, K. Korcyl, W. Kühn, J. Lang, J.S. Lange, M. Liu, Z. Liu, A. Mann, D. Peng, J. Roskoss, L. Schmitt, S. Yang, *for the HADES-Collaboration*:

**ATCA Compliant Compute Nodes for HADES, PANDA and BESIII**

Verhandl. DPG (VI) 43 (2008) 62 HK 5.1

S. Rößner, N. Bratovic, T. Hell, and W. Weise:

**Modelling QCD dynamics in and beyond mean field theory**

Verhandl. DPG (VI) 43 (2008) 126

C. Rehm *for the HADES-Collaboration*:

**Investigations of the properties of the GSI Pion Beam**

Verhandl. DPG (VI) 43 (2008) 115 HK 38.7

J. Roskoss, D. Kirschner, A. Kopp, M. Liu, S. Yang, *for the HADES-Collaboration*:

**New Eventbuilding- and Trigger-Algorithms for the HADES DAQ-Upgrade**

Verhandl. DPG (VI) 43 (2008) 100 HK 34.36

G. Rugel, I. Dillmann, T. Faestermann, G. Korschinek, K. Knie, J. Lachner, M. Maiti, M. Poutivtsev, and A. Wallner:  
**AMS in Munich**

Verhandl. DPG (VI) 43 (2008) MS 3.1

P. Salabura *for the HADES Collaboration*:

**Dielectron production in elementary and heavy ion collisions with HADES**

Verhandl. DPG (VI) 43 (2008) 58 HK 1.2

C. Sasaki, M. Harada, and W. Weise:

**Vector-axialvector mixing in dilepton production and dropping meson masses**

Verhandl. DPG (VI) 43 (2008) 126

M. Schlarb, R. Gernhäuser, R. Krücken, P. Desesquelles, für die AGATA-Kollaboration:

**Java-Simulation von AGATA Pulsformen mit JASS**

Verhandl. DPG (VI) 43 (2008) 61 HK 4.2

A. Schmäh, M. Lorenz, J. Markert, für die HADES Kollaboration:

**Strangeness Produktion in Ar+KCl Reaktionen bei 1.756 AGeV mit dem HADES Spectrometer**

Verhandl. DPG (VI) 43 (2008) 90 HK 27.6

W. Schwerdtfeger, V. Bildstein, L.M. Fraile, R. Gernhäuser, D. Habs, R. Hertenberger, P. Hoff, U. Köster, Th. Kröll, R. Krücken, R. Lutter, H. Mach, P. Ring, P.G. Thirolf, K. Wimmer, for the IS414-Collaboration:

**First identification of shape coexistence in  $^{30}\text{Mg}$  via electron spectroscopy**

Verhandl. DPG (VI) 43 (2008) 75 HK 15.5

S. Schwertel, M. Böhmer, R. Gernhäuser, L. Maier, R. Krücken, W. Winkler, für die R3B-Kollaboration:

**Ortsauflösende CVD-Diamant Detektoren für Schwerionen**

Verhandl. DPG (VI) 43 (2008) 99 HK 34.24

M. Seidlitz, P. Reiter, V. Bildstein, A. Blazhev, N. Bree, B. Bruyneel, E. Clement, T. Davinson, A. Ekström, F. Finke, K. Geibel, R. Gernhäuser, H. Hess, A. Holler, A. Imig, M. Kalkühler, T. Kotthaus, R. Lutter, H. Scheit, I. Stefanescu, J. van de Walle, N. Warr, and A. Wiens:

**Coulombanregung von  $^{31}\text{Mg}$  bei REX-ISOLDE**

Verhandl. DPG (VI) 43 (2008) 76 HK 15.7

S. Spataro for the HADES-Collaboration:

**Exclusive Reconstruction in pp Reactions at 3.5 GeV with HADES**

Verhandl. DPG (VI) 43 (2008) 67 HK 9.9

A. Tarantola, B. Kolb, C. Müntz, M. Palka, H. Ströbele, J. Stroth, M. Traxler, for the HADES-Collaboration:

**The Upgrade of the Multiwire Drift Chambers readout in the HADES experimente at GSI**

Verhandl. DPG (VI) 43 (2008) 125 HK 47.7

P.G. Thirolf, M. Bussmann, D. Habs, H.J. Maier, J.B. Neumayr, J. Schreiber, M. Sewtz, and J. Szerypo:

**Optical Access to the lowest nuclear transition in  $^{229}\text{Th}$**

Verhandl. DPG (VI) 43 (2008) SYKL 1.2

S. Typel, G. Röpke, D. Blaschke, T. Klähn, and H. Wolter:

**Eine neue Zustandsgleichung für astrophysikalische Anwendungen**

Verhandl. DPG (VI) 43 (2008) 78 HK 17.4

S. Typel:

**Pseudospin, Supersymmetrie und die Schalenstruktur von Atomkernen**

Verhandl. DPG (VI) 43 (2008) 103 HK 34.57

A. Ulrich, A. Görtler, T. Heindl, R. Krücken, A. Morozov, C. Skrobol, and J. Wieser:

**Elektronenstrahlangeregte Ultraviolettlichtquellen**

Verhandl. DPG (VI) 43 (2008) 132 K4.2

J. Walker, A. Jungclaus, J. Leske, S. Pietri, K.-H. Speidel, P. Doornenbal, J. Gerl, N. Goel, I. Kojouharov, W. Prokopowicz, H. Schaffner, H.J. Wollersheim, B. Alikhai, J. Cederkäll, A. Ekström, R. Gernhäuser, P. Maier-Komor, V. Modamio, and R. Schwengner:

**Measurements of lifetimes and magnetic moments of  $2^+$  states in the even stable Sn isotopes  $^{112,114,116}\text{Sn}$**

Verhandl. DPG (VI) 43 (2008) 126 HK 48.7

M. Weber für die HADES Kollaboration:

**$e^+e^-$  - Nachweis mit dem HADES RICH bei Projektilenergien bis 15 AGeV**

Verhandl. DPG (VI) 43 (2008) 96 34.5

W. Weise:

**Massen und Phasen in der Physik der Starken Wechselwirkung**

Verhandl. DPG (VI) 43 (2008) 93

Plenary talk

J. Wieser, A. Görtler, T. Heindl, R. Krücken, A. Morozov, C. Skrobol, and A. Ulrich:

**Elektronenstrahlangeregte VUV/XUV - Lichtquellen - Parameter, Technologie und Anwendungen**

Verhandl. DPG (VI) 43 (2008) 137 K10.7

K. Wimmer, V. Bildstein, K. Eppinger, R. Gernhäuser, D. Habs, Ch. Hinke, Th. Kröll, R. Krücken, R. Lutter, H.J. Maier, P. Maierbeck, T. Morgan, O. Schaile, W. Schwerdtfeger, S. Schwertel, and P.G. Thirolf:

**Messung der elektrischen Monopolstärke in deformierten Seltenen Erden**

Verhandl. DPG (VI) 43 (2008) 83 HK 22.4

H.-F. Wirth, D. Bucurescu, G. Suliman, R. Hertenberg, G. Graw, T. Faestermann, R. Krücken, M. Mahgoub, J. Jolie, P. von Brentano, N. Braun, S. Heinze, O. Möller, D. Mücher, C. Scholl, R. Casten, D. Meyer, N. Lo Iudice, and N. Chauvin:

**High resolution study of  $0^+$  and  $2^+$  excitations in  $^{168}\text{Er}$  and  $^{130}\text{Ba}$  with the  $(p,t)$  reaction**

Verhandl. DPG (VI) 43 (2008) 83 HK 22.5

**International Workshop on Hadron Structure and Spectroscopy 08**

Torino, Italy, March 31 – April 4, 2008

P. Hägler:

**Transverse spin and transverse momentum distributions in lattice QCD**

**DIS 2008**

London, United Kingdom, April 7 – 11, 2008

P. Hägler:

**Contributions to the nucleon spin**

**2008 APS April Meeting and HEDP/HEDLA Meeting**

St. Louis, Missouri, USA, April 11 – 15, 2008

A. Grohsjean:

**Measurement of the Top Quark Mass at D0 using the Matrix-Element Method in the Dilepton Channel**

**AOGS 2008**

Busan, Korea, April 16 – 24, 2008

G. Korschinek:

**$^{53}\text{Mn}$ : a Tool to Determine Interplanetary Dust Flux on Earth Over Several Million of Years**

**The Nuclear Physics Challenge to Lattice QCD (NUCLAT)**  
Glasgow, Scotland, April 21 – 22, 2008

P. Hägler:  
**Hadron structure physics on the lattice**

**International Workshop "Strangeness Day"**  
Stefan-Meyer-Institut, Vienna, Austria, April 24, 2008

W. Weise:  
**Antikaon-nuclear systems: theory overview**  
Invited talk

**Research Area G Day, Excellence Cluster Universe**  
Garching, Germany, April 30, 2008

I. Dillmann, G. Rugel, T. Faestermann, G. Korschinek, K. Knie, J. Lachner, M. Maiti, M. Poutivtsev, S. Walter, F. Käppeler, M. Erhard, A.R. Junghans, C. Nair, R. Schwengner, A. Wagner, A. Arazi, J.F. Niello, and S. Akhmadaliev:  
**Astrophysics and Accelerator Mass Spectrometry**

**The XXIII International Conference on Neutrino Physics and Astrophysics, Neutrino 08**  
Christchurch, New Zealand, May 25 – 31, 2008

C. Galbiati, C. Arpesella, H.O. Back, M. Balata, G. Bellini, J. Benziger, S. Bonetti, A. Brigatti, B. Caccianiga, L. Cadonati, F. Calaprice, C. Carraro, G. Cecchet, A. Chavarria, M. Chen, F. Dalnoki-Veress, D. D'Angelo, A. de Bari, A. de Bellefon, H. de Kerret, A. Derbin, M. Deutsch, A. di Credico, G. di Pietro, R. Eisenstein, F. Elisei, A. Etenko, R. Fernholz, K. Fomenko, R. Ford, D. Franco, B. Freudiger, F. Gatti, S. Gazzana, M. Giammarchi, D. Giugni, M. Göger-Neff, T. Goldbrunner, A. Goretti, C. Grieb, C. Hagner, W. Hampel, E. Harding, S. Hardy, F.X. Hartmann, T. Hertrich, G. Heusser, A. Ianni, A. Ianni, M. Joyce, J. Kiko, T. Kirsten, V. Kobychiev, G. Korga, G. Korschinek, D. Kryn, V. Lagomarsino, P. Lamarche, M. Laubenstein, C. Lendvai, M. Leung, T. Lewke, E. Litvinovich, B. Loer, P. Lombardi, L. Ludhova, I. Machulin, S. Malvezzi, S. Manecki, J. Maneira, W. Maneschg, I. Manno, D. Manuzio, G. Manuzio, A. Martemianov, F. Masetti, U. Mazzucato, K. McCarty, D. McKinsey, Q. Meindl, E. Meroni, L. Miramonti, M. Misiaszek, D. Montanari, M. E. Monzani, V. Muratova, P. Musico, H. Neder, A. Nelson, L. Niedermeier, L. Oberauer, M. Obolensky, M. Orsini, F. Ortica, M. Pallavicini, L. Papp, S. Parmeggiano, L. Perasso, A. Pocar, R. S. Raghavan, G. Ranucci, W. Rau, A. Razeto, E. Resconi, P. Risso, A. Romani, D. Rountree, A. Sabelnikov, R. Saldanha, C. Salvo, D. Schimizzi, S. Schönert, T. Shutt, H. Simgen, M. Skorokhvatov, O. Smirnov, A. Sonnenschein, A. Sotnikov, S. Sukhotin, Y. Suvorov, R. Tartaglia, G. Testera, D. Vignaud, S. Vitale, R.B. Vogelaar, F.v. Feilitzsch, R. von Hentig, T. von Hentig, M. Wojcik, M. Wurm, O. Zaimidoroga, S. Zavatarelli, and G. Zuzel:  
**New results on solar neutrino fluxes from 192 days of Borexino data**  
J. Phys.: Conf. Ser. **136**, **022001** (2008) 1 – 6

W. Potzel:  
**Recoilless resonant emission and detection of electron antineutrinos**  
J. Phys.: Conf. Ser. **136**, **022010** (2008) 1 – 7

S. Roth, C. Ciemniak, C. Coppi, F.v. Feilitzsch, A. Gütlein, C. Isaila, J.-C. Lanfranchi, S. Pfister, W. Potzel, and W. Westphal:  
**Thermal detector model for cryogenic composite detectors for the dark matter experiments CRESST and EURECA**  
J. Phys.: Conf. Ser. **136**, **042085** (2008) 1

M. Wurm, F.v. Feilitzsch, M. Göger-Neff, T. Lewke, T. Marrodán Undagoitia, L. Oberauer, W. Potzel, S. Todor, and J. Winter:  
**Low Energy Neutrino Astronomy in the future large-volume liquid-scintillator detector LENA**  
J. Phys.: Conf. Ser. **136**, **042071** (2008) 1

**NS2008, 12th International Conference on Nuclear Structure**  
East Lansing, Michigan, USA, June 3 – 6, 2008

P.G. Thirolf:

**First Identification of the E0 transition between shape-coexisting  $0^+$ -states in  $^{30}\text{Mg}$**

**Fourth Workshop on Cryogenic Scintillation, CryoScint'08**  
Institut de Physique Nucléaire de Lyon, France, June 6th, 2008

J.-C. Lanfranchi, C. Ciemniak, C. Coppi, F.v. Feilitzsch, A. Gütlein, H. Hagn, C. Isaila, J. Jochum, M. Kimmerle, S. Pfister, W. Potzel, W. Rau, S. Roth, K. Rottler, C. Sailer, S. Scholl, I. Usherov-Marshak, and W. Westphal:  
**Neutron Scattering Facility for Characterization of CRESST and EURECA Detectors at mK Temperatures**

Proceedings: arXiv:0810.0132v1 [astro-ph]

S. Roth, C. Ciemniak, C. Coppi, F.v. Feilitzsch, A. Gütlein, C. Isaila, J.-C. Lanfranchi, S. Pfister, W. Potzel, and W. Westphal:

**Cryogenic Composite Detectors for the Dark Matter Experiments CRESST and EURECA**

Proceedings: arXiv:0810.0423

**10th Int Workshop on Meson Production, Properties and Interaction, MESON2008**  
Krakow, Poland, June 6-10, 2008

I. Fröhlich, G. Agakishiev, C. Agodi, A. Balanda, G. Bellia, D. Belver, A. Belyaev, A. Blanco, M. Böhmer, J.L. Boyard, P. Braun-Munzinger, P. Cabanelas, E. Castro, S. Chernenko, T. Christ, M. Destefanis, J. Diaz, F. Dohrmann, A. Dybczak, T. Eber, L. Fabbietti, O. Fateev, P. Finocchiaro, P. Fonte, J. Friese, T. Galatyuk, J.A. Garzon, R. Gernhäuser, A. Gil, C. Gilardi, M. Golubeva, D. Gonzalez-Diaz, E. Grosse, F. Guber, M. Heilmann, T. Hennino, R. Holzmann, A. Ierusalimov, I. Iori, A. Ivashkin, M. Jurkovic, B. Kämpfer, K. Kanaki, T. Karavicheva, D. Kirschner, I. Koenig, W. Koenig, B. Kolb, R. Kotte, A. Kozuch, A. Krasa, F. Krizek, R. Krücken, W. Kühn, A. Kugler, A. Kurepin, J. Lamas-Valverde, S. Lang, J.S. Lange, K. Lapidus, L. Lopes, L. Maier, A. Mangiarotti, J. Marin, J. Markert, V. Metag, B. Michalska, J. Michel, D. Mishra, E. Moriniere, J. Mousa, C. Müntz, L. Naumann, R. Novotny, J. Otwinowski, Y.C. Pachmayer, M. Palka, Y. Parpottas, V. Pechenov, O. Pechenova, T. Perez Cavalcanti, J. Pietraszko, W. Przygoda, B. Ramstein, A. Reshetin, M. Roy-Stephan, A. Rustam, A. Sadowsky, B. Sailer, P. Salabura, A. Schmah, R. Simon, Yu.G. Sobolev, S. Spataro, B. Spruck, H. Ströbele, J. Stroth, C. Sturm, M. Sudol, A. Tarantola, K. Teilab, P. Tlusty, M. Traxler, R. Trebacz, H. Tsertos, I. Veretenkin, V. Wagner, H. Wen, M. Wisniowski, T. Wojcik, J. Wüstenfeld, S. Yurevich, Y. Zanevsky, P. Zhou, and P. Zumbach:  
**Meson and di-electron production with HADES**

Proc. to be published in Int. Jour. Mod. Phys. A

**10th International Conference on Applications of Nuclear Techniques**  
Kreta, Greece, June 8 – 12, 2008

G. Korschinek:

**Accelerator Mass Spectrometry at the Munich Tandem Accelerator**

**GPDs 2008**  
ECT\* Trento, Italy, June 09 – 13, 2008

P. Hägler:

**Moments of GPDs from lattice QCD**

**Int. Conf. EURORIB'08**  
Giens, France, June 9 - 13, 2008

K. Eppinger, C. Hinke, M. Böhmer, P. Boutachkov, T. Faestermann, H. Geissel, R. Gernhäuser, M. Gorska, A. Gottardo, J. Grebosz, R. Krücken, N. Kurz, Z. Liu, L. Maier, S. Pietri, H. Weick, P.J. Woods, N. Al-Dahan, N. Alkhomashi, A. Atac, A. Blazhev, N. Braun, I. Celikovic, T. Davinson, I. Dillmann, C. Domingo, P. Doornenbal, G. de France, G. Farelli, F. Farinon, J. Gerl, N. Goel, T. Habermann, R. Hoischen, M. Karny, A. Kaskas, I. Kojouharov, Th. Kröll, M. Lewitowicz, Y. Litvinov, S. Myalski, S. Nishimura, C. Nociforo, J. Nyberg, A. Parikh, Zs. Podolyák, A. Procházka, P.H. Regan, C. Rigollet, H. Schaffner, C. Scheidenberger, S. Schwertel, B. Sitar, P.-A. Söderström, S.J. Steer, A. Stolz, H.J. Wollersheim, and the RISING collaboration:

**Spectroscopy in the neighbourhood of  $^{100}\text{Sn}$**

Proceedings

T. Faestermann:

**Spectroscopy in the Neighbourhood of  $^{100}\text{Sn}$**

C. Rodriguez-Tajes, D. Cortina Gil, H. Alvarez-Pol, E.A. Benjamim, J. Benlliure, M. Caamano, E. Casarejos, K. Eppinger, H. Geissel, R. Gernhäuser, B. Jonson, R. Krücken, T. Kurtukian, P. Maierbeck, T. Nilsson, C. Nociforo, D. Perez, A. Procházka, H. Simon, K. Sümmerer, H. Weick, for the S245 collaboration:

**Neutron knockout at relativistic energies across the psd shell**

Proceedings

**35th IEEE International Conference on Plasma Science - ICOPS 2008**

Karlsruhe, Germany, June 15 - 19, 2008

A. Ulrich:

**Particle Beam Induced Light Emission**

Book of Abstracts, IEEE

**SUSY'08, 16th Int. Conf. on Supersymmetry and the Unification of Fundamental Interactions**

Seoul, Korea, June 16 – 21, 2008

P. Calfayan:

**Search for Scalar Top and Bottom Quarks at the Tevatron**

**4th Patras Workshop on Axions, WIMPs and WISPs**

DESY Hamburg, Germany, June 18 –21, 2008

J.-C. Lanfranchi:

**Results of the CRESST Commissioning Run 2007**

**Symposium on Symmetries and Phases in the Universe**

Kloster Irsee, Germany, June 23 – 25, 2008

B. Klein:

**Scaling analysis of phase transitions in quantum chromodynamics**

Poster

W. Weise:

**Phases of QCD**

Plenary talk

**Intern. Conference on Nuclear Physics and Astroph.: From Stable Beams to Exotic Nuclei**

Cappadocia, Turkey, June 25 - 30 2008

R. Krücken:

**Probing the shell structure near  $^{54}\text{Ca}$  and  $^{100}\text{Sn}$**

AIP Conf. Proc. **1072** (2008) 52

**ERG 2008: 4th International Conference on the Exact Renormalization Group**  
Heidelberg, Germany, July 1 – 6, 2008

B. Klein:

**Critical scaling behaviour in the  $O(N)$  model in infinite and finite volume**

Invited talk

B. Klein:

**Scaling analysis of phase transitions in quantum chromodynamics**

Poster

**International Conference "Light Cone 2008"**

Mulhouse, France, July 7 – 11, 2008

B. Musch:

**Transverse momentum distributions of quarks in the nucleon from lattice QCD**

Invited talk

PoS (LC2008) 053

**Dark Energy and Dark Matter: Observations, Experiments and Theories**

Lyon, France, July 7 – 11, 2008

S. Roth, C. Ciemniak, C. Coppi, F.v. Feilitzsch, A. Gütlein, C. Isaila, J.-C. Lanfranchi, S. Pfister, W. Potzel, and W. Westphal:

**Cryogenic Composite Detectors for the Dark Matter Experiments CRESST and EURECA: a Thermal Detector Model**

Proceedings in EDP Sciences 2008, the European Astronomical Society Publications Series

**Exzellenzcluster Universe, "Methoden und Instrumentierung in der Kern-, Teilchen- und Astrophysik"**

Garching, Germany, July 9, 2008

R. Hertenberger :

**The ATLAS Muon Spectrometer - 88 BOS MDT Chambers from Munich**

**International Conference "Lattice 2008"**

Williamsburg, VA, USA, July 14 – 19, 2008

M. Gürtler:

**Vector meson form factors**

PoS (LAT2008) 051

P. Hägler:

**Nucleon structure with partially twisted boundary conditions**

PoS (LAT2008) 138

B. Musch:

**Transverse momentum distributions of partons in the nucleon**

PoS (LAT2008) 166

**11th Intern. Conf. on Nuclear Microprobe Technology and Applications (ICNMTA 2008)**

Debrecen, Hungary, July 20 – 25, 2008

G. Dollinger, A. Bergmaier, V. Hable, R. Hertenberger, C. Greubel, A. Hauptner, and P. Reichart:

**A Nanosecond pulsed Proton Microbeam**

C. Greubel, V. Hable, A. Hauptner, S. Auer, G.A. Drexler, B. Mazurek, H. Strickfaden, S. Dietzel, T. Cremer, R. Krücken, A.A. Friedl, and G. Dollinger:

**Competition effects after sequential ion micro irradiation of living cells**

C. Greubel, V. Hable, A. Hauptner, S. Auer, G.A. Drexler, B. Mazurek, H. Strickfaden, S. Dietzel, T. Cremer, R. Krücken, A.A. Friedl, and G. Dollinger:

**Quantitative Evaluation of Fluorescence Pattern After Crosswise Sequential Ion Micro Irradiation of Living Cells**

V. Hable, C. Greubel, A. Hauptner, R. Krücken, H. Strickfaden, S. Dietzel, T. Cremer, G.A. Drexler, A.A. Friedl, and G. Dollinger :

**Microirradiation and online live cell experiments at SNAKE**

V. Hable, C. Greubel, A. Hauptner, R. Krücken, H. Strickfaden, S. Dietzel, T. Cremer, G.A. Drexler, A.A. Friedl, and G. Dollinger :

**The Live Cell Irradiation- and Observation Setup at SNAKE**

**International Workshop on Ab-Initio Nuclear Structure**  
Bad Honnef, Germany, July 28 – 30, 2008

N. Kaiser:

**Chiral dynamics of nuclear matter**

W. Weise:

**Spin-orbit interactions in nuclei and hypernuclei**

Invited talk

**INT Workshop "The QCD Critical Point"**  
Seattle, USA, July 28 – August 22, 2008

T. Hell:

**Thermodynamics of a nonlocal PNJL model**

Plenary talk

B. Klein:

**Scaling and finite-size scaling analysis of critical behaviour in lattice QCD**

S. Rößner:

**The interplay of flavour- and Polyakov-loop degrees of freedom - A PNJL model analysis**

**ICHEP 08, 34th International Conference on High Energy Physics**  
Philadelphia, PA, USA, July 29 – August 5, 2008

A. Grohsjean:

**Measurement of the top quark mass in the dilepton decay channel at D0**

**International WE-Heraeus Summer School, Atomic Properties of the Heaviest Elements**  
Wittenberg, Germany, August 24 - September 06, 2008

M. Laatiaoui:

**Ionenmobilitätsmessungen an den schwersten Elementen**

**The CERN Theory Institute Black Holes: A Landscape of Theoretical Physics Problems**  
CERN, Geneva, Switzerland, August 25 – October 05, 2008

N. Brambilla:

**Conference organizer of week 3**

N. Brambilla:

**Non-perturbative QCD, QCD vacuum models, confinement versus strings**

Leader of panel discussion



A. Vairo:

**Debye screening and new mechanism of dissociation in QCD for heavy quark interaction**

Invited plenary talk

**Workshop: The Equation of State at Nonzero Density and Temp., and its Applic. in Astrophysics**  
Argonne, IL, USA, August 25 - 29, 2008

S. Typel:

**A supernova equation of state with light and heavy clusters**

Proceedings

**XIII. International Conference on Capture Gamma-Ray Spectroscopy and Related Topics**  
Cologne, Germany, August 25 - 29, 2008

J. Endres, A. Zilges, N. Pietralla, D. Savran, K. Sonnabend, M.N. Harakeh, V. Stoica, H. Wörtche, P. Butler, R.-D. Herzberg, M. Scheck, R. Krücken, L. Popescu, S. Harissopulos, and A. Lagoyannis:

**Study of the Pygmy Dipole Resonance in  $^{124}\text{Sn}$  by means of the  $(\alpha, \alpha'\gamma)$  reaction**

to be published in AIP Conference Proceedings

A. Petts, P.A. Butler, T. Grahn, A. Blazhev, N. Bree, B. Bruyneel, J. Cederkäll, E. Clement, T.E. Cocolios, A. Dewald, J. Eberth, L.M. Fraile, C. Fransen, M.B. Gomez Hornillos, P.T. Greenlees, A. Görge, M. Guttormsen, K. Hadynska, K. Helariutta, R.-D. Herzberg, M. Huyse, D.G. Jenkins, J. Jolie, P. Jones, R. Julin, S. Juutinen, S. Ketelhut, S. Knapen, Th. Kröll, R. Krücken, A.C. Larsen, M. Leino, J. Ljungvall, P. Maierbeck, P. Marley, B. Melon, P. Napiorkowski, M. Nyman, R.D. Page, J. Pakarinen, G. Pascovici, N. Patronis, P.J. Peura, E. Piselli, Th. Pissulla, P. Rakhila, P. Reiter, J. Saren, M. Scheck, C. Scholey, A. Semchenkov, S. Siem, I. Stefanescu, J. Sorri, J. Uusitalo, J. van de Walle, P. van Duppen, D. Voulot, R. Wadsworth, N. Warr, D. Weisshaar, F. Wenander, and M. Zielinska:

**Lifetime Measurements and Coulomb Excitation of Light Hg Nuclei**

to be published in AIP Conference Proceedings

A.A. Phillips, P.E. Garrett, L. Bettermann, N. Braun, D.G. Burke, G.A. Demand, T. Faestermann, P. Finlay, K.L. Green, R. Hertenberg, R. Krücken, K.G. Leach, M.A. Schumaker, C.E. Svensson, H.-F. Wirth, and J. Wong:

**Structure of the  $K^\pi = 4^+$  bands in  $^{186,188}\text{Os}$**

to be published in AIP Conference Proceedings

K. Wimmer, R. Krücken, V. Bildstein, K. Eppinger, R. Gernhäuser, D. Habs, Ch. Hinke, Th. Kröll, R. Lutter, H.J. Maier, P. Maierbeck, T. Morgan, O. Schaile, W. Schwerdtfeger, S. Schwertel, and P.G. Thirolf:

**First identification of large electric monopole strength in well-deformed rare earth nuclei**

AIP Conference Proceedings

**16th International Conference on Ion Beam Modification of Materials (IBMM08)**  
Dresden, Germany, August 31 – September 5, 2008

G. Dollinger, V. Hable, C. Greubel, A. Hauptner, R. Krücken, H. Strickfaden, S. Dietzel, T. Cremer, G.A. Drexler, and A.A. Friedl:

**Life cell microirradiation using energetic ions**

**International Conference "Confinement 8"**  
Mainz, Germany, September 1 – 6, 2008

N. Brambilla:

**Conference organizer and scientific secretary**

A. Laschka:

**The heavy quark-antiquark potential from lattice and perturbative QCD**

Poster

A. Vairo:

**Effective field theory for heavy quarkonium at zero and finite temperature**

Invited plenary talk

W. Weise:

**Interface of QCD and Nuclear Physics**

Invited plenary talk

**Zakopane Conference on Nuclear Physics**

Zakopane, Poland, Sept. 1 - 9, 2008

G.F. Farrelly, Zs. Podolyák, S.J. Steer, S. Pietri, F.R. Xu, E. Werner-Malento, T. Shizuma, P.H. Regan, D. Rudolph, A.B. Garnsworthy, R. Hoischen, M. Gorska, J. Gerl, H.J. Wollersheim, T. Kurtukian-Nieto, G. Benzoni, F. Becker, P. Bednarczyk, L. Caceres, P. Doornenbal, H. Geissel, J. Grebosz, A. Kelic, I. Kojouharov, N. Kurz, F. Montes, W. Prokopowicz, T. Saito, H. Schaffner, S. Tashenov, A. Heinz, M. Pfützner, A. Jungclaus, D.L. Balabanski, C. Brandau, A.M. Bruce, W.N. Catford, I.J. Cullen, Zs. Dombradi, E. Estevez, W. Gelletly, G. Ilie, J. Jolie, G.A. Jones, M. Kmiecik, F.G. Kondev, R. Krücken, S. Lalkovski, H.L. Liu, Z. Liu, A. Maj, S. Myalski, S. Schwertel, P.M. Walker, and O. Wieland:

**Isomerism and Shape Coexistence in  $^{190}\text{W}_{116}$**

to be published in Acta Physica Polonica B

C. Rodriguez-Tajes, D. Cortina Gil, H. Alvarez-Pol, E.A. Benjamim, J. Benlliure, M. Caamano, E. Casarejos, K. Eppinger, H. Geissel, R. Gernhäuser, B. Jonson, R. Krücken, T. Kurtukian, P. Maierbeck, T. Nilsson, C. Nociforo, D. Perez, A. Procházka, H. Simon, K. Sümmerer, H. Weick, for the S245 collaboration:

**Neutron Knockout at relativistic energies across the psd shell**

to be published in Acta Physica Polonica B

**10. Meeting der Deutschen Gesellschaft für DNA Reparaturforschung**

Berlin, Germany, September 2 – 5, 2008

G.A. Drexler, C. Greubel, V. Hable, B. Mazurek, A. Hauptner, S. Dietzel, H. Strickfaden, I. Baur, R. Krücken, T. Cremer, G. Dollinger, and A.A. Friedl:

**Sequential ion microirradiation reveals competition effect in DNA damage response**

D.M. Seiler, B. Mazurek, S. Breitkopf, C. Ottmann, G.A. Drexler, C. Greubel, V. Hable, G. Dollinger, A. Hauptner, S. Dietzel, T. Cremer, and A.A. Friedl:

**Chromatin Alterations in Cellular DNA Damage and Repair**

**International Workshop on Approaches to QCD**

Oberwölz, Austria, September 7 – 13, 2008

W. Weise:

**Modelling the phases of QCD**

Invited talk

**11th International Symposium on High Pressure Low Temperature Plasma Chemistry - HAKONE XI**

Oleron, France, September 7 - 12, 2008

A. Ulrich, T. Heindl, R. Krücken, A. Morozov, C. Skrobol, and J. Wieser:

**Electron Beam Induced Light Emission**

Proceedings (2008) 287

J. Wieser, A. Görtler, T. Heindl, R. Krücken, S. Mitschke, A. Morozov, E. Schramm, M. Sklort, C. Skrobol, A. Ulrich, and R. Zimmermann:

**Low Energy Electron Beam Excited Light Sources - VUV Light Emission Characteristics and Applications**

Proceedings (2008) 292

**Fifth Int. Conf. on Exotic Nuclei and Atomic Masses, ENAM08**  
Ryn, Poland, Sept. 7 – 13, 2008

T. Faestermann, R. Hertenberger, H.-F. Wirth, R. Krücken, M. Mahgoub, and P. Maier-Komor:  
**Q-Value for the Fermi  $\beta$ -decay of  $^{46}\text{V}$**   
Proceedings

T. Faestermann, Ch. Hinke, K. Eppinger, R. Krücken, for the S330 collaboration:  
**Spectroscopy in the neighbourhood of  $^{100}\text{Sn}$**   
Proceedings

**International Workshop on Next Generation Nucleon Decay and Neutrino Detectors (NNN08)**  
Paris, France, September 11 – 13, 2008

T. Marrodán Undagoitia:  
**Proton decay and neutrino astrophysics with the future LENA detector**

**AMS Workshop**  
Zürich, Switzerland, September 11 - 12, 2008

G. Korschinek:  
**Exotic AMS Nuclides: Big Accelerators and their unique Opportunities**  
invited talk

**11th Conference on Accelerator Mass Spectrometry**  
Rome, Italy, September 14 – 19, 2008

I. Dillmann, T. Faestermann, G. Korschinek, J. Lachner, M. Maiti, M. Poutivtsev, G. Rugel, S. Walter, F. Käppler,  
M. Erhard, A.R. Junghans, C. Nair, R. Schwengner, and A. Wagner:  
**Solving the stellar  $^{62}\text{Ni}$  problem with AMS**

G. Korschinek, A. Bergmaier, I. Dillmann, T. Faestermann, U. Gerstmann, K. Knie, Ch. Lierse von Gostomski,  
M. Maiti, M. Poutivtsev, A. Remmert, G. Rugel, and A. Wallner:  
**On the half-life of  $^{10}\text{Be}$**

J. Lachner, I. Dillmann, T. Faestermann, U. Gerstmann, G. Korschinek, Ch. Lierse von Gostomski, M. Poutivtsev,  
G. Rugel, and A. Türler:  
**Search for primordial Plutonium-244**

S. Merchel, M. Arnold, G. Aumaître, L. Benedetti, D.L. Bourlès, R. Braucher, A. Dewald, T. Faestermann,  
R.C. Finkel, G. Korschinek, J. Masarik, M. Poutivtsev, P. Rochette, G. Rugel, and K.-O. Zell:  
**A multi-radionuclide approach for in-situ produced terrestrial cosmogenic nuclides:  $^{26}\text{Al}$ ,  $^{36}\text{Cl}$  and  $^{41}\text{Ca}$   
from carbonate rocks**

M. Poutivtsev, G. Korschinek, T. Faestermann, K. Knie, M. Maiti, G. Rugel, M. Auer, and D. Wagenbach:  
**On the determination of the cosmic dust flux on Earth during the last million of years**

G. Rugel, I. Dillmann, T. Faestermann, I. Günther-Leopold, N. Kivel, K. Knie, G. Korschinek, J. Lachner,  
M. Poutivtsev, D. Schumann, R. Weinreich, and M. Wohlmuther:  
**A new Approach to Determine the Half-Life of Iron-60**

A. Wallner, O. Forstner, R. Golser, G. Korschinek, W. Kutschera, A. Priller, P. Steier, and C. Vockenhuber:  
**Fluorides or Hydrides? -  $^{41}\text{Ca}$  performance at VERA's 3-MV AMS facility**

A. Wallner, K. Knie, T. Faestermann, C. Feldstein, O. Forstner, R. Golser, G. Korschinek, W. Kutschera, A. Lueckge, A. Ofan, M. Paul, A. Priller, F. Quinto, P. Steier, and M. Wiedicke:

**Search for supernova-born  $^{244}\text{Pu}$  and  $^{247}\text{Cm}$  in terrestrial deep-sea archives**

**International Conference on Exotic Atoms EXA08**

Stefan-Meyer-Institut für subatomare Physik, Vienna, Austria, September 15 – 18, 2008

T. Hyodo:

**Effective  $K\bar{N}$  interaction in chiral  $SU(3)$  dynamics**

**24th World Conference of the INTDS**

Ganil, Caen, France, September 15 – 19, 2008

P. Maier-Komor:

**Uranium isotope separation from 1941 to the present**

**Eurons Town Meeting**

Rhodos, Greece, September 17 – 19, 2008

P.G. Thirolf:

**Results from SAFERIB: Improved Safety and Radioprotection for RIB Facilities**

**EGEE'08 Conference**

Harbiye Askeri Museum, Istanbul, Turkey, September 22 – 26, 2008

J. Elmsheuser:

**User analysis in the ATLAS experiment**

**15th Nuclear Physics Workshop "Marie and Pierre Curie" 2008**

Kazimierz Dolny, Poland, Sept. 24-28, 2008

M. Gorska, H. Grawe, L. Caceres, A. Algora, M. Böhmer, P. Boutachkov, K. Eppinger, T. Faestermann, Y. Fujita, A. Gadea, A.B. Garnsworthy, W. Gelletly, J. Gerl, R. Gernhäuser, C. Hinke, A. Jungclaus, I. Kojouharov, R. Krücken, L. Maier, P. Molina, M. Pfützner, S. Pietri, Zs. Podolyák, P.H. Regan, B. Rubio, D. Rudolph, H.J. Wollersheim, I. Dillmann, Th. Kröll, A. Parikh, S. Schwertel, and the RISING collaboration:

**Nuclear Structure addressed at GSI/RISING**

to be published in Jour. Mod. Phys. E

S.J. Steer, Zs. Podolyák, S. Pietri, M. Gorska, G.F. Farrelly, P.H. Regan, D. Rudolph, A.B. Gernsworthy, R. Hoischen, J. Gerl, H.J. Wollersheim, H. Grawe, K.H. Maier, F. Becker, P. Bednarczyk, L. Caceres, P. Doornenbal, H. Geissel, J. Grebosz, A. Kelic, I. Kojouharov, N. Kurz, F. Montes, W. Prokopowicz, T. Saito, H. Schaffner, S. Tashenov, A. Heinz, M. Pfützner, T. Kurtukian-Nieto, G. Benzoni, A. Jungclaus, D.L. Balabanski, C. Brandau, A. Brown, A.M. Bruce, W.N. Catford, I.J. Cullen, Zs. Dombradi, E. Estevez, W. Gelletly, G. Ilie, J. Jolie, G.A. Jones, M. Kmiecik, F.G. Kondev, R. Krücken, S. Lalkovski, Z. Liu, A. Maj, S. Myalski, S. Schwertel, T. Shizuma, P.M. Walker, E. Werner-Malento, and O. Wieland:

**Isomeric Decay Studies in Neutron-rich  $N \approx 126$  nuclei**

to be published in Jour. Mod. Phys. E

**First meeting of the Universe-Cluster's Ph.D. students**

Frauenwörth, Germany, September 25 – 26, 2008

T. Hell:

**Exploration of the QCD phase diagram with a non-local PNJL model**

Plenary talk

**Workshop on Hadron Dynamics Hadron2008**

Almunecar, Spain, September 25 – 28, 2008

T. Hyodo:

**Lambda(1405) in chiral dynamics**

**Japanese-French Symposium on New Paradigms in Nuclear Physics**

Institut Henri Poincaré, Paris, France, September 29 – October 2, 2008

T. Hyodo:

**Lambda(1405) in chiral dynamics**

**Intern. ELI Workshop on Fundamental Physics, Frauenwörth**

Frauenchiemsee, Germany, September 29 – October 2, 2008

P.G. Thirolf:

**Studying the Unruh effect using high-power, short-pulse lasers**

**Physics at LHC - 2008**

Split, Croatia, September 29 – October, 4 2008

T. Nunnemann:

**Electroweak physics at the Tevatron**

**11. Jahrestagung der Gesellschaft für biologische Strahlenforschung**

Tübingen, Germany, October 6 – 8, 2008

S. Auer, S. Lindemaier, G.A. Drexler, C. Greubel, V. Hable, G. Dollinger, A. Hauptner, T.E. Schmid, B. Röper, and A.A. Friedl:

**Radiobiological effects of pulsed vs continuous proton beams**

B. Mazurek, G.A. Drexler, C. Greubel, V. Hable, A. Hauptner, S. Dietzel, H. Strickfaden, I. Baur, R. Krücken, T. Cremer, G. Dollinger, and A.A. Friedl:

**Konkurrenzeffekt in der DNA-Schadensantwort nach sequentieller Ionen-Mikrobestrahlung**

**Cortona 2008, XII Convegno su Problemi di Fisica Nucleare Teorica**

Cortona, Italy, October 8 – 10, 2008

M. Cristoforetti:

**Thermodynamics in the PNJL model**

**50 Years After - the Mössbauer Effect Today and in the Future**

Garching, Germany, October 9 – 10, 2008

W. Potzel:

**Mössbauer Antineutrinos: Recoilless Resonant Emission and Detection in the  $^3\text{H}$  -  $^3\text{He}$  System**

**IEEE 2008 Nucl. Science Symp. Med. Imaging Conf. and 16th Room Temp. Semicond. Det. Workshop**

Dresden, Germany, October 19 – 25, 2008

R. Hertenberger :

**Monitored Drift Tube Chambers in Neutron Background**

**MLL Kolloquium**

Garching, Germany, October 23, 2008

M.P. Sanders:

**Searching for the Higgs Boson at the Tevatron**

**SARAF workshop**  
Jerusalem, Israel, October 26 – 30, 2008

G. Korschinek:  
**Accelerator Mass Spectrometry and Nuclear Astrophysics**  
invited talk

**International Conference PANIC 2008**  
Eilat, Israel, November 09 – 14, 2008

M. Cristoforetti:  
**Monte-Carlo simulations of QCD thermodynamics in the PNJL model**  
Poster

C. Sasaki:  
**Role of axialvector mesons near the chiral phase transition**

C. Sasaki:  
**Critical behaviour of transport coefficients near the chiral phase transition**  
Poster

W. Weise:  
**Low energy QCD and hadronic structure**  
Invited plenary talk

**1st International Vacuum Electronics Workshop**  
Bad Honnef, Germany, November 10 - 11, 2008

T. Heindl, R. Krücken, A. Morozov, C. Skrobol, J. Wieser, and A. Ulrich:  
**Using Vacuum Tube Devices for Electron Beam Pumped Light Sources**  
Proceedings, Book of Abstracts, 2008

C. Skrobol, T. Heindl, R. Krücken, J. Wieser, and A. Ulrich:  
**High Power Densities in Gas Targets Produced by Low Energy Electron Beams**  
Proceedings, Book of Abstracts, 2008

**International Symposium on Heavy Ion Physics ISHIP2008**  
Darmstadt, Germany, November 17 - 20, 2008

S. Typel:  
**A supernova equation of state with light and heavy clusters**  
Proceedings

**Max Planck Institute for Quantum Optics**  
Garching, Germany, November 20, 2008

T. Tajima:  
**Coherent X-ray Physics in attoseconds and toward zeptoseconds**

**2nd Annual Workshop of the Helmholtz Alliance "Physics at the Terascale"**  
Aachen, Germany, November 26 – 28, 2008

M.P. Sanders:  
**Higgs Boson Search at the Tevatron**

**5th Vienna Central European Seminar on Particle Physics and Quantum Field theory:**  
Highlights in computational quantum field theory, Vienna, Austria, Nov. 28 - 30, 2008

J. Ghiglieri:

**Static quark-antiquark pairs at finite temperature**

**International Workshop on Heavy Quarkonia 2008**

Nara, Japan, December 2 – 5, 2008

N. Brambilla:

**Conference organizer**

A. Vairo:

**EFT for heavy quark bound states at  $T > 0$**

Invited talk