

## V.2 Conference Contributions

**International Workshop "Structure and Dynamics of Hadrons"**

Hirschegg, Austria, January 14 – 20, 2007

W. Weise:

**Quarkonia: spectroscopy, string breaking and coupled channels**

Invited talk

**XXXVII Int. Winter Meeting on Nucl. Phys.**

Bormio, Italy, January 14 - 21, 2007

T. Christ:

**Inclusive dielectron production in P+P and C+C-collisions**

Proceedings

**21st International Workshop on Weak Interactions and Neutrinos**

Calcutta, India, January 15 – 20, 2007

R. Ströhmer:

**Searches at LHC for Physics beyond the Standard Model**

**General Physics Colloquium der University Aarhus**

Aarhus, Denmark, January 31, 2007

M. Sewtz:

**Frontiers of Heavy and Superheavy element research**

**Nuclear and Radiochemistry Symposium, NUCAR - 2007**

Vadadora, India, February 14 – 17, 2007

G. Korschinek:

**AMS: What is it and what can we study**

invited talk

**Dream-Beam Symposium**

MPQ, Garching, Germany, Feb 26 – 28, 2007

F. Grüner:

**Design studies of table-top free-electron lasers**

**ILL Meeting**

Grenoble, France, March 1st, 2007

J.-C. Lanfranchi:

**The Neutrino Experiment GNO**

**XXI Rencontres de Physique de la Vallée d'Aoste**

La Thuile, Aosta Valley, Italy, March 4 – 10, 2007

T. Nunnemann:

**Searches for the Higgs Boson and Supersymmetry at the Tevatron**

**Frühjahrstagung der DPG**

Heidelberg, Germany, March 5 – 9, 2007

P. Calfayan and T. Nunnemann:

**Search for Second Generation Leptoquarks in the Decay Channel  $LQ_2 LQ_2 \rightarrow \mu\nu q$  in Proton-Antiproton Collisions**

Verhandl. DPG (VI) 42 (2007) T209.6

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

**Low Temperatur Setup for Quenching Factor Measurements of  $\text{CaWO}_4$  with Neutrons**

Verhandl. DPG (VI) 42 (2007) T 508.7

J. Elmsheuser:

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

Verhandl. DPG (VI) 42 (2007) T516.6

F. Fiedler, A. Grohsjean, P. Haefner, K. Kröninger, A. Quadt, and P. Schieferdecker:

**Messung der Top-Quark-Masse mit der Matrix-Element-Methode am D/O-Experiment am Tevatron**

Verhandl. DPG (VI) 42 (2007) T303.6

M. Göger-Neff für die Borexino-Kollaboration :

**Status des solaren Neutrinoexperiments Borexino**

Verhandl. DPG (VI) 42 (2007) T 502.1

M. Groh, S. Bethke, J. Dubbert, S. Horvat, O. Kortner, S. Kotov, H. Kroha, J. v. Loeben, I. Potrap, J. Schmalzer, C. Valderanis, G. Duckeck, F. Rauscher, and D. Schaile:

**Kalibrierung u. Alignierung des ATLAS-Myonspektrometers (Gruppenbericht)**

Verhandl. DPG (VI) 42 (2007) T413.2

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

**Coherent Neutrino Nucleus Scattering with Cryogenic Detectors**

Verhandl. DPG (VI) 42 (2007) T 502.7

P. Haefner:

**Studien zur Bestimmung der Antwort des D/O-Kalorimeters auf isolierte geladene Hadronen**

Verhandl. DPG (VI) 42 (2007) T507.7

J. Kennedy:

**The ATLAS Production System**

Verhandl. DPG (VI) 42 (2007) T516.5

G. Kroboth and R. Ströhmer:

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

Verhandl. DPG (VI) 42 (2007) T209.3

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

**Simulation von QCD Multijet Ereignissen für ATLAS und ihre Bedeutung für die Messung von rein hadronischen  $t\bar{t}$ -Zerfällen**

Verhandl. DPG (VI) 42 (2007) T412.9

T. Mahmoud, B. Clerbaux, S. Elgamma, and P. Marage:

**TeV electron and photon saturation in the cms ecal studies**

Verhandl. DPG (VI) 42 (2007) T404.6

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

**QCD-Untergrund bei semileptonischen  $t\bar{t}$ -Zerfällen am ATLAS-Experiment**

Verhandl. DPG (VI) 42 (2007) T404.6

T. Marrodán Undagoitia, F.v. Feilitzsch, M. Göger-Neff, L. Oberauer, W. Potzel, J. Winter, and M. Wurm:  
**A multipurpose detector for low energy neutrino physics:LENA**  
Verhandl. DPG (VI) 42 (2007) T 601.1

D. Merkl, G. Dedes, J. Dubbert, M. Groh, O. Kortner, H. Kroha, J. v. Loeben, F. Rauscher, R. Richter, and J. Schmalzer:  
**Installation und Inbetriebnahme der ATLAS Myon-Driftrohrkammern**  
Verhandl. DPG (VI) 42 (2007) T413.1

T. Müller, A. Mlynek, O. Biebel, R. Hertenberger, and F. Rauscher:  
**ATLAS-MDT-Kammern im Neutronenuntergrund**  
Verhandl. DPG (VI) 42 (2007) T413.6

G. Reiter and J. Elmsheuser:  
**Studien zur Higgs-Produktion im Kanal  $H \rightarrow W^+W^- \rightarrow \mu^+\mu^-\nu_\mu^+\nu_\mu^+$  mit dem ATLAS Detektor am LHC**  
Verhandl. DPG (VI) 42 (2007) T515.4

B. Ruckert and J. Elmsheuser:  
**Studie zur assoziierten WH-Produktion im trileptonischen Zerfallskanal**  
Verhandl. DPG (VI) 42 (2007) T515.1

M. Schott, N. Benekos, and G. Dedes:  
**Simulation und Software Validierung des ATLAS Myon Spektrometer (Gruppenbericht)**  
Verhandl. DPG (VI) 42 (2007) T413.5

C. Serfon and C. Kummer:  
**Search for SUSY trilepton events with ATLAS at the LHC**  
Verhandl. DPG (VI) 42 (2007) T313.1

R. Ströhmer and T. Christiansen:  
**Suche nach einzeln produzierten Leptoquarks der zweiten Generation in Proton-Antiproton-Kollisionen**  
Verhandl. DPG (VI) 42 (2007) T209.4

B. Tiller and T. Nunnemann:  
**Assoziierte Produktion des Z Bosons mit Jets im Myonkanal am TeVatron**  
Verhandl. DPG (VI) 42 (2007) T212.2

C. Valderanis, S. Bethke, J. Dubbert, S. Horvat, O. Kortner, S. Kotov, H. Kroha, R. Richter, and F. Rauscher:  
**Validation of Garfield with Test-Beam Data of ATLAS MDT Chambers in Magnetic Fields**  
Verhandl. DPG (VI) 42 (2007) T509.9

W. Westphal, C. Ciemniak, C. Coppi, F.v. Feilitzsch, A. Gütlein, C. Isaila, J.-C. Lanfranchi, S. Pfister, W. Potzel, W. Rau, S. Roth, and M. Stark:  
**Characterization of Recoiling Nuclei from Surface Alpha Decays in CRESST**  
Verhandl. DPG (VI) 42 (2007) T 508.4

J. Winter, F.v. Feilitzsch, M. Göger-Neff, T. Marrodán Undagoitia, L. Oberauer, W. Potzel, and M. Wurm:  
**Looking in the centre of a supernova with LENA**  
Verhandl. DPG (VI) 42 (2007) T 601.2

M. Wurm, F.v. Feilitzsch, M. Göger-Neff, T. Marrodán Undagoitia, L. Oberauer, W. Potzel, and J. Winter:  
**Search for the diffuse supernova neutrino background in LENA**  
Verhandl. DPG (VI) 42 (2007) T 601.3

M. Wurm, F.v. Feilitzsch, M. Göger-Neff, T. Marrodán Undagoitia, L. Oberauer, W. Potzel, and J. Winter:  
**Analysis of the optical properties of organic liquid scintillator for LENA**  
Verhandl. DPG (VI) 42 (2007) T 601.4

**DPG Frühjahrstagung: Physik der Hadronen und Kerne**  
Gießen, Germany, March 12 – 16, 2007

B. Bannier for the HADES-Collaboration:  
**Dielectron Detection Capabilities of HADES at SIS 100/300**  
Verhandl. DPG (VI) 42 (2007) HK 19.1, 30

T. Behrens, V. Bildstein, R. Gernhäuser, T. Kröll, R. Krücken, D. Habs, T. Morgan, P.G. Thirolf, I. Stefanescu, J. van de Walle, D. Voulot, F. Wenander, für die MINIBALL-Kollaboration:  
**Coulombanregung neutronenreicher Isotope um  $A \approx 140$**   
Verhandl. DPG (VI) 42 (2007) HK 36.2, 49

V. Bildstein, R. Gernhäuser, T. Kröll, R. Krücken, R. Raabe, P. van Duppen, for the MINIBALL-Collaboration and the REX-ISOLDE-Collaboration:  
**First Tests of a new Setup for Transfer Experiments @ REX-ISOLDE**  
Verhandl. DPG (VI) 42 (2007) HK 12.7, 22

M. Böhmer:  
**Messung der Spallationsreaktion  $^{56}\text{Fe} + p$  in inverser Kinematik**  
Verhandl. DPG (VI) 42 (2007) HK 18.5, 30

H.G. Bohlen, T. Dorsch, T. Kokalova, W. von Oertzen, C. Schulz, and C. Wheldon:  
**The band structure of  $^{10}\text{Be}$**   
Verhandl. DPG (VI) 42 (2007) HK 4.5, 15

B. Bruyneeel, J. Eberth, H. Hess, A. Linnemann, G. Pascovici, P. Reiter, A. Wiens, for the AGATA-Collaboration:  
**Performance and position sensitivity of the first AGATA detectors**  
Verhandl. DPG (VI) 42 (2007) HK 8.1,17

C. Coppi, C. Ciemiak, F.v. Feilitzsch, A. Gütlein, C. Isaila, J.-C. Lanfranchi, S. Pfister, W. Potzel, W. Rau, S. Roth, M. Stark, and W. Westphal:  
**Low Temperatur Setup for Quenching Factor Measurements of  $\text{CaWO}_4$  with Neutrons**  
Verhandl. DPG (VI) 42 (2007) HK 7.3

M. Destefanis for the HADES-Collaboration:  
 **$\Lambda$  Analysis in p-p Reactions with the HADES Spectrometer**  
Verhandl. DPG (VI) 42 (2007) HK 50.3, 68

M. Dorati and T.R. Hemmert:  
**Moments of Generalized Parton Distribution Functions**  
Verhandl. DPG (VI) 42 (2007) 54

J. Dvorak, W. Bröchle, C. Düllmann, R. Krücken, M. Schädel, A. Türler, and A. Yakushev:  
**Doubly Magic Nucleus  $^{270}_{108}\text{Hs}_{102}$**   
Verhandl. DPG (VI) 42 (2007) HK 52.4, 70

T. Eberl für die HADES-Kollaboration:  
**Inklusive  $e + e^-$  - Paarproduktion in C+C Stößen**  
Verhandl. DPG (VI) 42 (2007) HK 40.1, 52

J. Eiglsperger, W. Weise, and N. Kaiser:  
**Quarkonium spectra beyond one-gluon exchange**  
Verhandl. DPG (VI) 42 (2007) 55

L. Fabbietti, P. Bühler, M. Cargnelli, P. Kienle, R. Krücken, P. Schmid, K. Suzuki, H. Zmeskal, T. Yamazaki, for the FOPI-Collaboration:  
**Observation of  $\Sigma(1385)$  in proton induced reactions at FOPI**  
Verhandl. DPG (VI) 42 (2007) HK 13.1, 22

P. Finelli, N. Kaiser, D. Vretenar, and W. Weise:  
**Chiral pion-nucleon dynamics in finite nuclei**  
Verhandl. DPG (VI) 42 (2007) 24

T. Gail and T.R. Hemmert:  
**Pion-electroproduction at the Delta(1232) resonance in chiral effective field theory**  
Verhandl. DPG (VI) 42 (2007) 44

T. Gail and T.R. Hemmert:  
**The quark-mass dependence of the isovector electromagnetic radii of the nucleon**  
Verhandl. DPG (VI) 42 (2007) 44

C. Gilardi for the HADES-Collaboration:  
**Test of Gb Ethernet with FPGA for HADES upgrade**  
Verhandl. DPG (VI) 42 (2007) HK 34.6, 47

F. Grüner:  
**High-Intensity lasers in nuclear physics: status report on laser-based free-electron lasers**  
Verhandl. DPG (VI) 42 (2007) HK 23.3

Ph. Hägler for the QCDSF-UKQCD Collaboration:  
**Spin structure of hadrons from lattice QCD**  
Verhandl. DPG (VI) 42 (2007) 13 Plenary talk

A. Heusler, G. Graw, R. Hertenberger, F. Riess, H.-F. Wirth, T. Faestermann, R. Krücken, N. Pietralla, J. Jolie, D. Mürcher, and P. von Brentano:  
**Beobachtung von Zuständen mit positiver Parität in  $^{208}\text{Pb}$  durch IAR-pp**  
Verhandl. DPG (VI) 42 (2007) HK 41.5, 54

Ch. Hinke, T. Faestermann, R. Krücken, für die Sn100-Kollaboration:  
**Spektroskopie von  $^{100}\text{Sn}$  und seines Zerfalls**  
Verhandl. DPG (VI) 42 (2007) HK 49.10, 62

N. Kaiser, M. Mühlbauer, and W. Weise:  
**Chiral Dynamics of Nuclear Matter**  
Verhandl. DPG (VI) 42 (2007) 44

D. Kirschner for the HADES-Collaboration:  
**Prototype of a Dedicated Multi-Node Data Processing System for Realtime Trigger and Analysis Applications**  
Verhandl. DPG (VI) 42 (2007) HK 34.4, 47

B. Klein and J. Braun:

**Critical exponents and finite size scaling from non-perturbative Renormalization Group methods**

Verhandl. DPG (VI) 42 (2007) 25

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

**Status of MLLTRAP**

Verhandl. DPG (VI) 42 (2007) HK 49.37, 66

T. Kotthaus, P. Reiter, P.G. Thirolf, T. Morgan, A. Blazhev, B. Bruyneel, L. Csige, H. Hess, A. Holler, M. Kalkühler, M. Seidlitz, W. Schwerdtfeger, A. Wiens, and H.J. Maier:

**$\gamma$ -Spektroskopie an Aktiniden mit MINIBALL**

Verhandl. DPG (VI) 42 (2007) HK 52.2

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

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

Verhandl. DPG (VI) 42 (2007) HK 49.24

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

**Development of Cryogenic Detectors for Coherent Neutrino Nucleus Scattering**

Verhandl. DPG (VI) 42 (2007) HK 33.1

J. Leske, K.-H. Speidel, A. Jungclaus, S. Schielke, R. Gernhäuser, T. Kröll, P. Maierbeck, R. Lutter, V. Modamio, J. Walker, D.L. Balabanski, G. Georgiev, J. Gerber, for the REX-ISOLDE-Collaboration:

**g-factor measurements on Coulomb excited radioactive  $^{138}\text{Xe}$**

Verhandl. DPG (VI) 42 (2007) HK 36.1, 49

M. Mahgoub, A. Bergmaier, D. Bucurescu, T. Faestermann, R. Gernhäuser, R. Hertenberger, T. Kröll, R. Krücken, A.F. Lisetskiy, and H.-F. Wirth:

**Neutron transfer reactions in Fe Isotopes**

Verhandl. DPG (VI) 42 (2007) HK 18.4, 29

P. Maierbeck for the S277-Collaboration and the MINIBALL-Collaboration:

**S277 - A one-nucleon knockout experiment at the FRS**

Verhandl. DPG (VI) 42 (2007) HK 25.5, 36

T. Morgan, A. Blazhev, B. Bruyneel, L. Csige, D. Habs, T. Kotthaus, H.J. Maier, P. Reiter, C. Schürmann, W. Schwerdtfeger, P.G. Thirolf, N. Warr, and K. Wimmer:

**High-resolution  $\gamma$ -spectroscopy of the Odd-N Fission Isomer  $^{237f}\text{Pu}$**

Verhandl. DPG (VI) 42 (2007) HK 52.3

B. Musch, M. Procura, T.R. Hemmert, and W. Weise:

**Uncertainty bands for chiral extrapolations of lattice QCD results**

Verhandl. DPG (VI) 42 (2007) 38

F. Nebel, T. Faestermann, R. Krücken, R. Stoepler, M. Groß, D. Habs, A. Kohlhund, H.J. Maier, P.G. Thirolf, and O. Kester:

**Ionenquellenentwicklung am MLL**

Verhandl. DPG (VI) 42 (2007) HK 49.35, 66

J.B. Neumayr, M. Groß, D. Habs, F. Nebel, R. Stoepler, J. Szerypo, and P.G. Thirolf:

**Localization of volatile isotopes on a cryotrap**

Verhandl. DPG (VI) 42 (2007) HK 49.39

O. Pechenova, G. Agakichiev, V. Pechenov, for the HADES-Collaboration:  
**Track Reconstruction Software Progress for HADES Spectrometer**  
Verhandl. DPG (VI) 42 (2007) HK 49.33, 66

S. Pfister für die CRESST-Kollaboration:  
**Direkte Suche nach Dunkler Materie mit dem CRESST-Experiment**  
Verhandl. DPG (VI) 42 (2007) HK 7.2

M. Procura, B. Musch, T.R. Hemmert, and W. Weise:  
**Nucleon properties: from lattice QCD to the chiral limit**  
Verhandl. DPG (VI) 42 (2007) 38

M. Reithner, D.A. Meyer, N. Braun, P. von Brentano, D. Bucurescu, R.F. Casten, T. Faestermann, C. Fitzpatrick, G. Graw, S. Heinze, R. Hertenberger, J. Jerke, J. Jolie, R. Krücken, M. Mahgoub, O. Möller, D. Mücher, C. Scholl, H.-F. Wirth, and V. Wood:  
**Suche nach  $0^+$  Zuständen von  $^{152}\text{Sm}$**   
Verhandl. DPG (VI) 42 (2007) HK 41.1, 53

S. Rößner, T. Hell, C. Ratti, and W. Weise:  
**Modeling the QCD-phase diagram in and beyond mean field theory**  
Verhandl. DPG (VI) 42 (2007) 24

M. Schlarb, R. Gernhäuser, R. Krücken, and P. Desequelles:  
**AGATA-Pulsformanalyse**  
Verhandl. DPG (VI) 42 (2007) HK 8.4, 18

A. Schmah, J. Markert, C. Müntz, J. Stroth, for the HADES-Collaboration:  
**Particle identification via energy loss measurement of the HADES multi-wire drift chambers**  
Verhandl. DPG (VI) 42 (2007) HK 49.31, 65

W. Schwerdtfeger, V. Bildstein, D. Habs, T. Kröll, R. Krücken, T. Morgan, O. Schaile, M. Sewtz, P.G. Thirolf, K. Wimmer, for the IS414-Collaboration:  
**Search for  $E0$  Transitions in Mg Isotopes around the Island of Inversion**  
Verhandl. DPG (VI) 42 (2007) HK 12.5, 21

S. Schwertel, M. Böhmer, K. Eppinger, R. Gernhäuser, C. Greubel, V. Hable, A. Hauptner, R. Krücken, and S. Winkler:  
**CVD-Diamant Detektoren für Schwerionen**  
Verhandl. DPG (VI) 42 (2007) HK 22.7, 34

B. Spruck für die HADES-Kollaboration:  
**Messung des  $\eta$  Dalitz Zerfalls in  $p+p@2.2$  GeV mit dem HADES Detektor**  
Verhandl. DPG (VI) 42 (2007) HK 11.9, 20

P.G. Thirolf, D. Habs, F. Grüner, R. Schützhold, and G. Schaller:  
**Unruh- and Larmor-Effect in the Ultra High-Field Regime**  
Verhandl. DPG (VI) 42 (2007) HK 54.1

K. Wimmer, V. Bildstein, R. Gernhäuser, D. Habs, Ch. Hinke, H. Hübel, T. Kröll, R. Krücken, R. Lutter, H.J. Maier, P. Maierbeck, T. Morgan, W. Schwerdtfeger, and P.G. Thirolf:  
 **$E0$  Transitions in Rare Earth Isotopes  $^{154}\text{Sm}$  and  $^{166}\text{Er}$**   
Verhandl. DPG (VI) 42 (2007) HK 49.15, 63



H.H. Wolter *et al.*:

**Teilchenproduktion in Schwerionenstößen zur Bestimmung der Symmetrieenergie**

Verhandl. DPG (VI) 42 (2007) HK 13.8

**COMPASS Workshop**  
Freiburg, Germany, March 19 – 21, 2007

Ph. Högler:

**Spin structure of hadrons from lattice QCD**

Invited talk

**DPG Frühjahrstagung: Massenspektrometrie**  
Düsseldorf, Germany, March 19 – 23, 2007

H. Backe, T. Kolb, P. Kunz, W. Lauth, M. Laatiaoui, M. Sewtz, D. Ackermann, M. Block, F. Herfurth, F.P. Heßberger, S. Hofmann, and H.-J. Kluge:

**Entwicklung einer neuartigen Methode zur Laserspektroskopie an schweren Elementen**

Verhandl. DPG (VI) 42 (2007) MS 2.1

P. Baghel, T. Faestermann, K. Knie, M. Maiti, A. Meier, H. Nassar, G. Korschinek, M. Poutivtsev, and G. Rugel:  
**The supernova-nucleosynthesis  $^{40}\text{Ca}(\alpha, \gamma)^{44}\text{Ti}$  reaction**

Verhandl. DPG (VI) 42 (2007) MS 4.5

G. Rugel, P. Baghel, T. Faestermann, K. Knie, M. Maiti, A. Meier, H. Nassar, G. Korschinek, M. Poutivtsev, and A. Wallner:

**Beschleunigermassenspektrometrie am Münchener Tandembeschleuniger**

Verhandl. DPG (VI) 42 (2007) MS 4.3

**Frühjahrstagung der DPG: Kurzzeitphysik**  
Düsseldorf, Germany, March 19 - 23, 2007

A. Adonin *et al.*:

**UV Excimer Laser Pumped with Heavy Ion Beam**

Verhandl. DPG (VI) 42/3 (2007) 139 P22.3

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

**Leuchtdichteverteilung elektronenstrahlangererter Ultraviolettlichtquellen**

Verhandl. DPG (VI) 42/3 (2007) 68, K8.2

A. Ulrich *et al.*:

**Excimer-Laser Pumped by an Intense, High-Energy Heavy-Ion-Beam**

Verhandl. DPG (VI) 42/3 (2007) 126 P12.1

**8th Intern. Symposium "Conditioning of Radioactive Operational & Decommissioning Wastes"**  
**incl. 8th Status Report of BMBF, KONTEC 2007, Dresden, Germany, March 21 – 23, 2007**

G. Jörg, C. Lierse von Gostomski, X. Lin, T. Faestermann, G. Korschinek, M. Poutivtsev, and G. Rugel:

**Long-lived radionuclides which are of importance for long-term storage - determination by radiometric and special mass-spectrometric methods**

Proceedings im Tagungsband KONTEC 2007, 898 – 904

**Deep Ocean Anti-Neutrino Observatory Workshop**  
Honolulu, Hawaii, March 23 – 25, 2007

M. Wurm:

**Nucleon Decay Search in LENA**

**12th ISMAS Symposium cum Workshop on Mass Spectrometry**  
Dona Paula, Goa, India, March 25 - 30, 2007

S. Lahiri and M. Maiti:

**Probing the nature past, present and future with AMS and highly efficient chemistry**

**Frühjahrstagung der DPG**  
Regensburg, Germany, March 26 - 30, 2007

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

**Optimization of the Czochralski Growth Process for CaWO<sub>4</sub> Detector Crystals**

Verhandl. DPG (VI) 42 (2007) TT 30.4

C. Isaila, O. Boslau, C. Ciemniak, C. Coppi, F.v. Feilitzsch, A. Gütlein, J. Kemmer, J.-C. Lanfranchi, A. Pahlke, S. Pfister, W. Potzel, W. Rau, S. Roth, and M. Stark:

**Cryogenic light detectors with Neganov-Luke amplification**

Verhandl. DPG (VI) 42 (2007) TT 30.5

S. Roth, C. Ciemniak, C. Coppi, F.v. Feilitzsch, A. Gütlein, C. Isaila, J.-C. Lanfranchi, S. Pfister, W. Potzel, W. Westphal, D. Hauff, E. Pantic, F. Petricca, F. Pröbst, and W. Seidel:

**Investigation of the properties of tungsten thin films produced with the rf-sputtering technique**

Verhandl. DPG (VI) 42 (2007) TT 30.6

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

**Detectors for Calibration Measurements in CRESST**

Verhandl. DPG (VI) 42 (2007) TT 30.3

**DESIR Workshop**  
Paris, France, March 28, 2007

P.G. Thirolf:

**Perspectives for the Penning-Trap facility MLLTRAP at DESIR**

**CRONUS-EU Mid-term meeting**  
Vienna, Austria, April 12 - 14, 2007

M. Maiti:

**Half life measurement: <sup>10</sup>Be**

**DIS 2007 XV International Workshop on Deep-Inelastic Scattering and Related Subjects**  
Munich, April 16 - 20, 2007

P. Hägler:

**Transverse spin structure of hadrons from lattice QCD**

Invited talk

T. Nunnemann, J. Ferrando, M. Spira, and M. Wessels:

**Summary of the electroweak and beyond the standard model working group.**

Proceedings vol.1

R. Ströhmer:

**SUSY and non-SM Higgs searches at the Tevatron**

**International Conference on Nuclear Data for Science and Technology**  
Nice, France, April, 22 – 27, 2007

G. Korschinek:  
**AMS at the Munich Tandem Accelerator**  
Proceedings

A. Wallner, T. Faestermann, K. Knie, G. Korschinek, W. Kutschera, W. Rochow, G. Rugel, and H. Vonach:  
**Study of the  $^{60}\text{Ni}(n,2n)^{59}\text{Ni}$  reaction from the threshold to 20 MeV and the half-life of  $^{59}\text{Ni}$**   
Proceedings

**CryoScint07**  
Lyon, France, April 23, 2007

C. Ciemniak:  
**Czochralski Growth of  $\text{CaWO}_4$  Crystals for the Cresst Experiment**

C. Isaila:  
**Cryogenic Light Detectors with Neganov Luke Amplification**

**Table-top FEL workshop**  
Garching, Germany, May 9 – 11, 2007

F. Grüner:  
**Introduction talk**

**78. Jahresversammlung der Deutschen Gesellschaft für HNO-Heilkunde**  
München, Germany, May 16 – 20, 2007

R. Pauli, C. Betz, M. Havel, R. Sroka, H. Stepp, A. Leunig, and W. Assmann:  
**Multiple fluorophore-analysis (MFA) for qualitative tissue diagnosis in the oral cavity**

**9<sup>th</sup> International Spring Seminar on Nuclear Physics “Changing Facets of Nuclear Structure”**  
Vico Equense, Italy, May 20 - 24, 2007

H. Mach, R. Navarro-Pérez, L. M. Fraile, U. Köster, B. A. Brown, A. Covello, A. Gargano, O. Arndt, A. Blazhev, N. Boelaert, M. J. G. Borge, R. Boutami, H. Bradley, N. Braun, Z. Dlouhy, C. Fransen, H. O. U. Fynbo, Ch. Hinke, P. Hoff, A. Joinet, A. Jokinen, J. Jolie, A. Korgul, K.-L. Kratz, T. Kröll, W. Kurcewicz, J. Nyberg, E.-M. Reillo, E. Ruchowska, W. Schwerdtfeger, G. S. Simpson, B. Singh, M. Stanoiu, O. Tengblad, P. G. Thirolf, V. Ugryumov, and W. B. Walters:

**Surprising features of simple nuclear systems just above  $^{132}\text{Sn}$**   
Proceedings

**Berkeley School of Collective Dynamics in Heavy Ion Collisions**  
Berkeley, USA, May 21 – 26, 2007

S. Rößner:  
**Modeling the phases of QCD in and beyond mean field theory**

W. Weise:  
**Phases of QCD and hadrons in matter**  
Invited lectures

**FRANZ Workshop**  
Karlsruhe/Frankfurt, Germany, May 21 – 23, 2007

G. Korschinek:  
**AMS and Nuclear astrophysics**  
invited talk

**Int. Conf. on Coherent and Nonlinear Optics, Lasers, Applic. and Technol.: ICONO/LAT 2007**  
Minsk, Belarus, May 28 - June 1, 2007

A. Ulrich *et al.*:  
**Heavy-Ion Beam Pumped Ultraviolet Lasers**  
Book of Abstracts, Stepanov Institute of Minsk (2007) 112 L01

**WNSL Workshop on Nuclear Structure Physics Near the Coulomb Barrier: Into the 21<sup>st</sup> Century**  
Yale University, New Haven, CT, USA, May 31 - June 2, 2007

R. Krücken:  
**Structural evolution of even-even nuclei from CD to HF**  
Proceedings

**International Nuclear Physics Conference (INPC2007)**  
Tokyo, Japan, June 3 - 8, 2007

L. M. Fraile, H. Mach, A. Blazhev, N. Boelaert, M. J. G. Borge, R. Boutami, H. Bradley, N. Braun, B. A. Brown, P.A. Butler, A. Covello, Z. Dlouhy, C. Fransen, H.O.U. Fynbo, A. Gargano, A. Jokinen, J. Jolie, Ch. Hinke, P. Hoff, U. Köster, A. Korgul, K.-L. Kratz, T. Kröll, W. Kurcewicz, N. Laspina, R. Navarro-Pérez, J. Nyberg, E.-M. Reillo, E. Ruchowska, W. Schwerdtfeger, G. S. Simpson, M. Stanoiu, O. Tengblad, P.G. Thirolf, V. Ugryumov, W. B. Walters, and E. R. White:  
**Experimental studies of single-particle features and collectivity above <sup>132</sup>Sn**  
Proceedings

T. Kröll, T. Behrens, R. Krücken, V. Bildstein, R. Gernhäuser, M. Mahgoub, P. Maierbeck, M. Münch, W. Weinzierl, F. Ames, D. Habs, O. Kester, R. Lutter, T. Morgan, P.G. Thirolf, M. Lauer, O. Niedermaier, H. Scheit, D. Schwalm, M. Huyse, O. Ivanov, P. Mayet, I. Stefanescu, J. van de Walle, P. van Duppen, P.A. Butler, J. Cederkäll, P. Delahaye, V. N. Fedosseev, L. M. Fraile, S. Franchoo, G. Georgiev, U. Köster, T. Nilsson, T. Sieber, F. Wenander, D. Voulot, A.M. Hurst, J. Iwanicki, J. Eberth, P. Reiter, N. Warr, D. Weisshaar, A. Ekström, M. Pantea, T. Davinson, and the MINIBALL and REX-ISOLDE collaborations:  
**Spectroscopy of neutron-rich nuclei at REX-ISOLDE with MINIBALL**  
Proceedings

S. Rößner:  
**Phases of QCD and PNJL model beyond mean field theory**

W. Weise:  
**Overview and perspectives in nuclear physics**  
Invited plenary talk  
Proceedings, arXiv: 0801.1619 [nucl-th]

**9th Workshop on Non-Perturbative QCD**  
L’Institut Astrophysique de Paris, June 4 – 8, 2007

Ph. Hägler:  
**Hadron structure from generalized parton distributions in full lattice QCD**  
Invited talk

**Transverse momentum, spin and position distributions of partons in hadrons**  
ECT\*, Trento, Italy, June 11 – 15, 2007

Ph. Hägler:

**Transverse spin structure of hadrons from lattice QCD**

Invited talk

**Int. Symposium EXOCT07: Exotic States of Nuclear Matter**  
Catania, Italy, June 11 – 15, 2007

M. Di Toro, M. Colonna, G. Ferini, V. Greco, J. Rizzo, V. Baran, T. Gaitanos, Liu Bo, G. Lalazissis, V. Prassa, and H.H. Wolter:

**Probing the Symmetry Energy at Supra-Saturation Densities**

H.H. Wolter, J. Rizzo, M. Colonna, M. Di Toro, V. Greco, V. Baran, and M. Zielinska-Pfabe:

**Investigation of Low-Density Symmetry Energy Via Nucleon and Fragment Observables**

**QCD@work, International Workshop on Quantum Chromo Dynamics**  
Martina Franca, Italy, June 16 – 20, 2007

B. Klein:

**Finite size scaling from the non-perturbative renormalization group**

AIP Conf.Proc. **964** (2007) 330

**International Conference on "Electromagnetic Probes of Strongly Interacting Matter":**  
"The Quest for Medium Modif. of Hadrons", ECT\*, Trento, Italy, June 18 – 22, 2007

C. Sasaki:

**Dilepton production from dropping  $\rho$  and  $A_1$  — a field theoretical description of chiral symmetry restoration**

Invited talk

**IAEA, Marine Environmental Assessment of the Mediterranean Sea**  
Karlsruhe, Germany, June 18 – 29, 2007

G. Korschinek:

**Accelerator Mass Spectrometry and its Application**

invited lecture

**XVth Int. Conf. Electromagn. Isotope Separators and Techn. Related to their Applications (EMIS 07)**  
Deauville, France, June 24 - 29, 2007

T. Brunner, M. Brodeur, C. Champagne, D. Frekers, R. Krücken, A. Lapierre, R. Ringle, V. Ryjkov, M. Smith, I. Tanihata, and J. Dilling:

**Electron capture branching ratio measurements in an ion trap for double beta decay experiments at TITAN**

Nucl.Instr.Meth B in press

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

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

J. Szerypo, W. Carli, T. Faestermann, M. Groß, D. Habs, A. Kohlhund, R. Krücken, H.J. Maier, F. Nebel, R. Stoepler, and P.G. Thirolf:

**Development and characterization of a reactor-based high-intensity target-ion source**

Nucl.Instr.Meth. B in press

P.G. Thirolf, J.B. Neumayr, M. Groß, D. Habs, A. Kohlhund, F. Nebel, R. Stoepler, and J. Szerypo:  
**Localization of volatile radioactivity on a cryotrap**

**Physics of Low Temperature Plasmas**  
St. Petersburg, Russia, June 24 - 28, 2007

A. Ulrich, T. Heindl, R. Krücken, A. Morozov, V. Turtikov, A. Adonin, J. Jacoby, D. Varentsov, D.H.H. Hoffmann, and J. Wieser:

**Particle Beam Induced Excimer Light Emission**  
Book of Abstracts, University Petro Savozk (2007) 5

**ILIAS WG-1 Meeting**  
Grenoble, France, June 29, 2007

J.-C. Lanfranchi:  
**The CRESST Cryostat**

**Cryo-Meeting**  
MLL, Garching, Germany, July 4, 2007

J.-C. Lanfranchi:  
**Cryogenic Detectors**

**Meeting of Transregional Collaborative Research Center TR27**  
Blaubeuren, July 5 - 6, 2007

J.-C. Lanfranchi:  
**Development of Cryodetectors**

**4th International Workshop on Critical Point and Onset of Deconfinement**  
GSI, Darmstadt, Germany, July 9 - 13, 2007

C. Sasaki:  
**Chiral phase transition in the presence of spinodal decomposition**  
PoS CPOD07 (2007) 031

**XXVIII Int. Conf. on Phenomena in Ionized Gases**  
Prague, Czech Republic, July 15 - 20, 2007

A. Morozov, T. Heindl, J. Wieser, R. Krücken, and A. Ulrich:  
**Influence of Pressure on the Relative Population of the Two Lowest Vibrational Levels of the C3Pu State of Nitrogen for 12 keV Electron Beam Excitation**  
Book of Abstracts, Institute of Plasma Physics AS CR (2007) 5

A. Morozov, J. Wieser, R. Krücken, and A. Ulrich:  
**Measurements and Numerical Simulations of Fluorescent Light Spatial Distributions for High Pressure Ne and N2 Excited by 12 keV Electron Beams**  
Book of Abstracts, Institute of Plasma Physics AS CR (2007) 103

A. Ulrich *et al.*:  
**Heavy Ion Beam Pumped Excimer Lasers**  
Book of Abstracts, Institute of Plasma Physics AS CR (2007) 137

**Kick-off Meeting: Cluster of Excellence "Origin and Structure of the Universe", Research Area E**  
München, Germany, July 16, 2007

J.-C. Lanfranchi:  
**Direct Dark Matter Detection with Cryogenic Detectors**

**HEP 2007 The 2007 Europhysics Conference on High Energy Physics**  
Manchester, United Kingdom of Great Britain, July 19 – 25, 2007

P. Calfayan:

**Search for Leptoquarks at the Tevatron**

M. Schott:

**Cross-section measurement  $\sigma(p \rightarrow Z/\gamma^* \rightarrow \mu\mu)$  with the first  $50pb^{-1}$**

**LTD-12, Low Temperature Detectors**

Paris, France, July 22 – 27, 2007

A. Gütlein:

**Development of a cryogenic detector for coherent neutrino nucleus scattering**

C. Isaila:

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

S. Roth:

**Properties of Tungsten Thin Films Produced with the RF-Sputtering Technique**

W. Westphal:

**Characterization of the Response of  $\text{CaWO}_4$  on Recoiling Nuclei from Surface Alpha Decays**

**SUSY07: The 15th Intern. Conf. on Supersymmetry and the Unification of Fundamental Interactions**

Karlsruhe, July 26 – August 1, 2007

G. Krobath:

**Discovery potential of the LHC for extended gauge symmetries**

T. Nunnemann:

**Searches for leptoquark production at D0.**

**15th Int. Conf. on Vacuum Ultraviolet Radiation Physics**

Berlin, Germany, July 29 - August 3, 2007

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

**Low Energy Electron Beam Pumped VUV Light Sources**

Book of Abstracts, Bessy Berlin 2007 (2007) 96

**XXV International Symposium on Lattice Field Theory**

Regensburg, Germany, July 30 – August 4, 2007

Ph. Hägler:

**Progress in hadron structure physics on the lattice**

Invited plenary talk

PoS **LAT2007** (2007) 013

B. Klein:

**Finite size scaling for the  $O(N)$  universality class from renormalization group methods**

PoS **LAT2007** (2007) 198

B. Musch:

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

PoS **LAT2007** (2007) 155

**The Eighth International Topical Meeting on Nuclear Applications and Utilization of Accelerators**  
Pocatello, Idaho, USA, July 30 – August 2, 2007

M. Wohlmuther, D. Schumann, P. Kubik, H.A. Synal, G. Korschinek, V. Alfimov, G. Rugel, T. Faestermann, and M. Poutivtsev:

**Validation of activation calculations with MCNPX with samples from a copper beam dump**  
Proceedings

**Helmholtz Int. Summer School: Nuclear Theory and Astrophysical Applications**  
Dubna, Russia, August 1 – 17, 2007

H.H. Wolter:

**Asymmetry Energy in Nuclear Matter**

**INT Summer School on "Lattice QCD and its applications"**  
INT, Seattle, USA, August 8 – 28, 2007

B. Musch:

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

**International Workshop on Dense and Cold Nuclear Matter and Hard Exclusive Processes**  
Gent, Belgium, August 20 – 24, 2007

N. Kaiser:

**Chiral Dynamics of Nuclear Matter**

Invited talk

**XXX Mazurian Lakes Conf. on Physics**  
Pisarski, Poland, September 2 - 9, 2007

J. Szerypo, V.S. Kolhinen, M. Bussmann, D. Habs, J.B. Neumayr, C. Schürmann, M. Sewtz, and P.G. Thirolf:  
**Penning trap progress in Munich**

**XXX Reunião de Trabalho sobre Física Nuclear no Brasil**  
Águas de Lindóia, Brasil, September 2 – 6, 2007

G. Korschinek:

**From the Earth to the Stars: AMS, a versatile technique in Applied Nuclear Physics**

invited plenary talk

**CHEP'07 International Conference on Computing in High Energy and Nuclear Physics**  
Victoria, BC, Canada, September 2 – 7, 2007

J. Elmsheuser:

**Distributed Analysis using GANGA on the EGEE/LCG infrastructure**

J. Kennedy:

**Monitoring the ATLAS Production System**

**Int. Conf. Cluster 2007**  
Stratford upon Avon, UK, Sept. 3 – 7, 2007

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

**Cluster structures of  $^{18}\text{O}$  and  $^{20}\text{O}$  up to 20 MeV Excitation Energy from the ( $^7\text{Li}, p$ )-reaction**  
IOP Conf. Proceedings



**11th Int. Conf. Meson-Nucleon Physics and the Structure of the Nucleon**  
Jülich, Germany, September 10 - 14, 2007

I. Fröhlich, J. Pietraszko, G. Agakichiev, 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. Eberl, L. Fabbietti, O. Fateev, P. Finocchiaro, P. Fonte, J. Friese, T. Galatyuk, J.A. Garzon, R. Gernhäuser, C. Gilardi, M. Golubeva, D. Gonzalez-Diaz, E. Grosse, F. Guber, M. Heilmann, T. Hennino, R. Holzmann, A. Ierusalimov, I. Iori, A. Ivashkin, M. Jurkovič, B. Kämpfer, K. Kanaki, T. Karavicheva, D. Kirschner, I. Koenig, W. Koenig, B.W. Kolb, R. Kotte, A. Kozuch, F. Krizek, R. Krücken, W. Kühn, G. Kugler, A. Kurepin, J. Lamas-Valverde, S. Lang, J.S. Lange, L. Lopes, L. Maier, A. Mangiarotti, J. Marin, J. Markert, V. Metag, B. Michalska, D. Mishra, E. Moriniere, J. Mousa, C. Müntz, L. Naumann, R. Novotny, J. Otwinowski, Y.C. Pachmayer, M. Palka, Y. Parapottas, V. Pechenov, O. Pechenova, T. Perez Cavalcanti, W. Przygoda, B. Ramstein, A. Reshetin, M. Roy-Stephan, A. Rustamov, A. Sadovsky, B. Sailer, P. Salabura, A. Schmah, R. Simon, S. Spataro, B. Spruck, H. Ströbele, J. Stroth, C. Sturm, M. Sudol, A. Tarantola, K. Teilab, P. Tlustý, M. Traxler, R. Trebacz, H. Tsertos, I. Veretenkin, V. Wagner, H. Wen, M. Wisniewski, T. Wojcik, J. Wüstenfeld, S. Yurevich, Y. Zanevsky, and P. Zumbach:

**Elementary collisions with HADES**

Proceedings

T. Hyodo:

**Exotic hadrons in  $s$ -wave chiral dynamics**

**2<sup>nd</sup> Intern. Conf. on “Frontiers In Nuclear Structure, Astrophysics and Reactions” (FINUSTAR2)**  
Aghios Nikolaos, Greece, September 10 - 14, 2007

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

**Nature of the  $K^\pi = 4^+$  bands in the Os isotopes**

AIP Conf. Proc.

G. Georgiev for the Miniball and REX-ISOLDE collaborations:

**Coulomb Excitation Studies at REX-ISOLDE**

AIP Conf. Proc.

T. Grahn, A. Dewald, M.B. Gómez-Hornillos, P. T. Greenlees, A. Görgen, K. Helariutta, J. Jolie, P. Jones, R. Julin, S. Juutinen, R. Krücken, T. Kröll, M. Leino, J. Ljungvall, P. Maierbeck, B. Melon, M. Nyman, R. D. Page, A. Petts, T. Pissulla, P. Rahkila, C. Scholey, J. Sorri, J. Uusitalo, R. Wadsworth, and M. Zielińska:

**Probing collectivity in the vicinity of neutron deficient Pb nuclei**

AIP Conf. Proc.

T. Kröll, T. Behrens, R. Krücken, V. Bildstein, T. Faestermann, R. Gernhäuser, M. Mahgoub, P. Maierbeck, M. Münch, W. Weinzierl, F. Ames, D. Habs, O. Kester, R. Lutter, T. Morgan, M. Pasini, K. Rudolph, P.G. Thirolf, J. Diriken, M. Huyse, O. Ivanov, P. Mayet, N. Patronis, I. Stefanescu, J. van de Walle, P. van Duppen, O. Niedermaier, H. Scheit, D. Schwalm, J. Eberth, F. Finke, D. Martin, P. Reiter, A. Scherillo, M. Seidlitz, N. Warr, D. Weisshaar, J. Iwanicki, P.A. Butler, J. Cederkäll, E. Clément, P. Delahaye, L. M. Fraile, G. Georgiev, U. Köster, T. Sieber, D. Voulot, F. Wenander, S. Franchoo, A.M. Hurst, A. Ekström, P. Kent, K.-H. Speidel, J. Leske, S. Schielke, A. Jungclaus, V. Modamio, J. Walker, L. Coquard, M. Pantea, N. Pietralla, T. Davinson, S. Nardelli, and the REX-ISOLDE and MINIBALL collaborations:

**Quadrupole collectivity of neutron-rich nuclei around  $^{132}\text{Sn}$**

AIP Conf. Proc.

H. Mach for the Fast Timing ISOLDE and IGISOL Collaborations:

**Systematic studies of  $B(E2)$  values in the exotic neutron-rich even-even nuclei**

AIP Conf. Proc.

P. Maierbeck, H. Alvarez-Pol, F. Aksouh, T. Aumann, K. Behr, E. A. Benjamim, J. Benlliure, V. Bildstein, M. Böhmer, K. Boretzky, M. J. Garcia Borge, A. Brünle, A. Bürger, M. Caamano, E. Casarejos, A. Chatillon, L.V. Chulkov, D. Cortina Gil, J. Enders, K. Eppinger, T. Faestermann, J. Friese, L. Fabbietti, M. Gascon, H. Geissel, J. Gerl, R. Gernhäuser, M. Gorska, B. Jonson, R. Kanungo, O. Kiselev, I. Kojouharov, A. Klimkiewicz, T. Kröll, R. Krücken, T. Kurtukian, N. Kurz, K. Larsson, T. Le Bleis, K. Mahata, L. Maier, T. Nilsson, C. Nociforo, G. Nyman, C. Pascual, A. Perea, D. Perez, A. Prochazka, C. Rodriguez-Tajes, D. Rossi, H. Schaffner, G. Schrieder, S. Schwertel, H. Simon, B. Sitar, M. Stanoiu, K. Sümmerer, O. Tengblad, H. Weick, and S. Winkler:

**Probing the single particle structure around  $^{54}\text{Ca}$  with one-neutron knockout**

AIP Conf. Proc.

N. Patronis, R. Raabe, V. Bildstein, T. Behrens, N. Bree, T. Faestermann, R. Gernhäuser, M. Huyse, T. Kröll, R. Krücken, M. Mahgoub, P. Maierbeck, I. Stefanescu, J. van de Walle, P. van Duppen, and the REX-ISOLDE and MINIBALL collaborations:

**One Nucleon Transfer Reactions Around  $^{68}\text{Ni}$  at REX-ISOLDE**

AIP Conf. Proc.

J. van de Walle, F. Aksouh, F. Ames, F. Azaiez, T. Behrens, V. Bildstein, J. Cederkäll, E. Clément, T. E. Cocolios, T. Davinson, P. Delahaye, J. Eberth, A. Ekström, D.V. Fedorov, V. N. Fedosseev, L. M. Fraile, S. Franchoo, R. Gernhäuser, G. Georgiev, D. Habs, K. Heyde, G. Huber, M. Huyse, F. Ibrahim, O. Ivanov, J. Iwanicki, O. Kester, U. Köster, T. Kröll, R. Krücken, M. Lauer, A.F. Lisetskiy, R. Lutter, B. A. Marsh, P. Mayet, O. Niedermaier, T. Nilsson, M. Pantea, O. Perru, R. Raabe, M. Sawicka, H. Scheit, G. Schrieder, D. Schwalm, M. D. Seliverstov, T. Sieber, G. Sletten, N. Smirnova, M. Stanoiu, I. Stefanescu, J.-C. Thomas, J. J. Valiente-Dobón, P. van Duppen, D. Verney, D. Voulot, N. Warr, D. Weisshaar, F. Wenander, B. H. Wolf, and M. Zielińska:

**Coulomb excitation of the  $N = 50$  nucleus  $^{80}\text{Zn}$**

AIP Conf. Proc.

<p style="text-align: center;"><b>Atomic and Molecular Pulsed Lasers</b> Tomsk, Russia, September 10 – 14, 2007</p>
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A. Ulrich, A. Adonin, D.H.H. Hoffmann, J. Jacoby, R. Krücken, V. Turtikov, D. Varentsov, and J. Wieser:

**Heavy Ion Beam Pumped KrF Laser**

Book of Abstracts, Institute of Atmospheric Optics (2007) 109 P-1

J. Wieser, A. Ulrich, A. Morozov, and T. Heindl:

**Electron Beam Excited VUV Light Sources - New Results**

Book of Abstracts, Institute of Atmospheric Optics (2007) 82 F-1

G. Zvereva, T. Ottenthal, R. Krücken, A. Morozov, and A. Ulrich:

**Numerical Simulation of Electron Beam Sustained RF Discharges**

Book of Abstracts, Institute of Atmospheric Optics (2007) 82 F-2

<p style="text-align: center;"><b>International School of Nuclear Physics "Quarks in Hadrons and Nuclei"</b> Erice, Italy, September 16 – 24, 2007</p>
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Ph. Hägler:

**Hadron structure from the lattice**

Invited talk

W. Weise:

**Chiral extrapolations of nucleon properties**

Invited talk

<p style="text-align: center;"><b>5th Fluorescence Workshop</b> El Escorial, Madrid, September 16 - 20, 2007</p>
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A. Ulrich:

**Study of Collisional Excitation Channels of the  $\text{N}_2$  C State**

Proceedings will be published in NIM A

**Joint EURISOL-EURONS Town Meeting**  
Helsinki, Finland, September 17 - 19, 2007

M. Sewtz:

**Quantum Heavies- from "hot" fusion to ultracold ions**

P.G. Thirolf:

**Results from SAFERIB Activities in EURONS**

**IV Int. Conf.: Physics of Nuclear Pumped Lasers and Pulsed Nuclear Reactors**  
Obninsk, Russia, September 18 - 21, 2007

A. Ulrich *et al.*:

**Heavy Ion Beam Pumped Excimer Laser**

Book of Abstracts, Institute of Physics and Power Engineering (2007) 52

J. Wieser, R. Krücken, and A. Ulrich:

**Low Energy Electron Beam Pumped Lasers as a Model System for Nuclear Pumped Lasers**

Book of Abstracts, Institute of Physics and Power Engineering (2007) 54

**XVIII Int. Conf. on Ion Beam Analysis (IBA2007)**  
Hyderabad, India, September 23 – 28, 2007

W. Assmann, M. Bender, and H. Kollmus:

**UHV-ERDA investigation of ion beam induced desorption**

**3rd International Conference on the Chemistry and Physics of the Transactinide Elements**  
Davos, Switzerland, September 23 – 28, 2007

M. Laatiaoui:

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

**Int. Conference on Nuclear Fragmentation: NUFRA2007**  
Kemer(Antalya), Turkey, September 24 – October 1, 2007

M. Colonna *et al.*:

**Probing the Nuclear EOS with Fragment Production**

S. Typel *et al.*:

**A New Equation of State for Astrophysical Applications**

H.H. Wolter *et al.*:

**Fragmentation in Peripheral Heavy Ion Collisions and the Low-Density Symmetry Energy**

**Cosmic Matter**  
Würzburg, Germany, September 24 – 29, 2007

J.-C. Lanfranchi:

**Dark Matter Search with CRESST and the EURECA project**

**DESY theory workshop**  
DESY, Hamburg, Germany, September 25 – 28, 2007

Ph. Hägler:

**Structure of hadrons from lattice QCD**

Invited plenary talk

**Conf. Ion Beams in Biology and Medicine**  
Heidelberg, Germany, September 26 - 29, 2007

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

**Irradiation of living cells at SNAKE**

Proceedings

**Japanese–German workshop on Nuclear Structure and Astrophysics**  
Frauenwörth im Chiemsee, Germany, September 29 – October 2, 2007

N. Kaiser:

**Chiral dynamics of nuclear matter**

Invited talk

H.H. Wolter *et al.*:

**Scattering Length Approach to Borromean Nuclei**

**School on Trace Analysis TRACE07, SINP**

Kolkata, India, October 3 - 13, 2007

M. Maiti, G. Korschinek, T. Faestermann, M. Poutivtsev, and G. Rugel:

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

**Workshop on Accelerator Mass Spectroscopy, IUAC**

New Delhi, India, October 5, 2007

M. Maiti, G. Korschinek, T. Faestermann, M. Poutivtsev, and G. Rugel:

**Measurement of  $^{53}\text{Mn}$  at the Munich AMS facility**

**Hadron 2007**

Frascati, Italy, October 8 – 13, 2007

M. Bettinelli and W. Dünneweber:

**Exclusive  $\omega\pi^0$  production with muons**

**International Symposium on Modern Trends in Nuclear Physics**

GSI, Darmstadt, Germany, October 18 – 20, 2007

W. Weise:

**Selected perspectives in nuclear physics**

Invited plenary talk

**Int. Workshop on Multifragmentation and Related Topics**

Caen, France, November 4 – 7, 2007

M. Di Toro *et al.*:

**Constraining the Symmetry Energy: a Journey into the Isospin Dynamics in Heavy Ion Collisions**

H.H. Wolter *et al.*:

**Isospin-Sensitive Observables and Neck Dynamics in Peripheral Collisions**

M. Zielinska-Pfabe *et al.*:

**Isospin Properties of Fast Light Particles Emitted in Intermediate Energy Heavy Ion Collisions**

**Workshop: 6 MV Hochleistungs-Beschleuniger-Massenspektrometer**  
Köln, Germany, November 9 – 10, 2007

G. Korschinek:

**$^{53}\text{Mn}$ , eine einzigartige Spur zum Studium von terrestrischen und extraterrestrischen Ereignissen**  
invited talk

**4th Int. Conf. Fission and Properties of Neutron-Rich Nuclei**

Sanibel Island, Florida, November 11 - 17, 2007

R. Krücken:

**Probing shell closures in neutron-rich nuclei**

World Scientific, to be published

**Chiral 07**

Osaka, Japan, November 13 – 16, 2007

T. Hyodo:

**Lambda(1405) in chiral dynamics**

Proceedings, arXiv: 0802.2212 [hep-ph]

C. Sasaki:

**Probing the QCD phase diagram with density fluctuations**

W. Weise:

**On the entanglement of chiral and deconfinement transitions**

Invited plenary talk

**C.S.N.S.M. / C.N.R.S.-Meeting**

Paris/Orsay, France, November 15, 2007

J.-C. Lanfranchi:

**Direct Dark Matter Search with Transition Edge Sensor (TES) based Cryogenic Detectors in CRESST and EURECA**

**Workshop on "Physics of hadrons and nuclei"**

KEK, Tsukuba, Japan, November 19 – 21, 2007

C. Sasaki:

**Density fluctuations as a signal for 1st order phase transitions**

C. Sasaki:

**Vector-Axialvector mixing in dilepton production and its hadronic model description**

**SPIRAL-2 Week**

Caen, France, November 26 - 30, 2007

P.G. Thirolf:

**MLLTRAP at the DESIR Facility**

**Journées GDR**

Ecole Polytechnique, France, November 29 – 30, 2007

Ph. Hägler:

**Moments of generalized parton distributions in full lattice QCD**

Invited talk

**Science Week**

Excellence Cluster Universe, Garching, Germany, December 3 – 7, 2007

Ph. Hägler:

**Spin structure of hadrons from lattice QCD**

Invited talk

**General ILL Seminar**

Institut Laue-Langevin, Grenoble, France, Dec 10 – 15, 2007

G. Rugel:

**Ultrasensitive AMS at the Munich Tandem Accelerator**

invited talk

**CERN TH Workshop on Electromagnetic Radiation in Nuclear Collisions**

CERN, Geneva, Switzerland, December 17 – 19, 2007

W. Weise:

**QCD sum rules: moments of in-medium spectral functions**

Invited talk