V.2
Conference Contributions

Int. Workshop XXVIII on Gross Properties of Nuclei and Nuclear Excitations
Hirschegg, Austria , January 16 – 22, 2000

J. Friese for the HADES collaboration:
Electron Pair Spectroscopy with HADES, Status and Outlook

XXXVIII International Winter Meeting on Nuclear Physics
Bormio, Italy , January 24 – 29, 2000

T. Gaitanos, H.H. Wolter, and C. Fuchs :
Fragment formation and phase transitions in heavy ion collisions

H. Gilg, H. Geissel, A. Gillitzer, R.S. Hayano, S. Hirenzaki, K. Itahashi, M. Iwasaki, P. Kienle, M. Münch, G. Münzenberg, W. Schott, K. Suzuki, D. Tomono, H. Weick, T. Yamazaki, and T. Yoneyama :
Deeply Bound π^- States in Lead

P. Kienle :
HESR- a high energy Coolering for Antiprotons, Protons and Heavy ions

Physics of High Energy Density in Matter
Hirschegg, Austria , Jan 31 – Feb 4, 2000

A. Ulrich :
Novel approach to excimer lasers

GSI Workshop 2000 on The Nuclear Equation of State: Status and Perspectives
Darmstadt, Germany , February 20 – 23, 2000

H.H. Wolter :
Non-equilibrium effects in extracting the EOS from heavy ion collisons

33. Diskussionstagung der Deutschen Gesellschaft für Massenspektrometrie
Berlin , February 27 – March 1, 2000

E. Nolte :
Medizinische Anwendung der Beschleunigermassenspektrometrie mit ^{26}Al

Open Collaboration Meeting and the Physics Workshop ISOLDE
Geneva, Switzerland, March 10 – 12, 2000

F. Herfurth:
High-accuracy mass determination of very short-lived isotopes using a Penning trap mass spectrometer
Invited talk

DPG-Frühjahrstagung, Abteilung Festkörperphysik
Regensburg , March 13 – 17, 2000

T. Bauer, F. Hörmann, M. Schreck, A. Bergmaier, B. Stritzker, and G. Dollinger :
Analyse der Kohlenstoffdeposition bei der Gleichspannungs-unterstützten Keimbildung von Diamant auf Ir/SrTiO3 unter Verwendung von 13C-Methan
Verhandl. DPG (VI) 35 (2000)

A.Bergmaier, G.Dollinger, I.Genchev, L.Görgens, P.Neumaier, J.Schulze, and I.Eisele :
Hochaufgelöste Tiefenprofilanalyse von Bor-Oberflächanphasen in Silizium
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L. Görgens, G. Dollinger, A. Bergmaier, H. Riechert, and A. Yu. Egorov :
Elastic Recoil Detection an InGaAsN Quantum Wells
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P. Neumaier, A. Bergmaier, G. Dollinger, I. Genchev, L. Goergens, H. Feldermann, C. Ronning, and H. Hofsaess :
Vermessung von Reichweiten und Mixingzonen bei der Deposition von tertaedisch amorphem Kohlenstoff (ta–C)
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64. Physikertagung der DPG
Dresden, March 20 – 24, 2000

I. Altarev, C. Seidel, F. J. Hartmann, S. Paul, and W. Schott und U. Trinks :
Mini-D_2, eine Quelle für ultrakalte Neutronen am FRM-II
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F. Ames, G. Bollen, O. Forstner, G. Huber, M.Oinonen, P. Schmidt, for the REX-ISOLDE collaboration:
Akkumulieren, Bunchen und Kühlen von Ionenstrahlen mit REXTRAP

M. Böhmer, T. Eberl, A. Elhardt, L. Fabbietti, J. Friese, R. Gernhäuser, H. Gilg, J. Homolka, A. Kastenmüller, P. Kienle, H.-J. Körner, M. Münch, B. Sailer, W. Schön, A. Ulrich, C. Wallner, J. Wieser, S. Winkler, und K. Zeitelhack, for the HADES Collaboration:
Status des HADES - RICH Detektors
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H. Bongers, D. Habs, and O. Kester:
The IH-7-GAP resonators of the Munich Accelerator for Fission Fragments (MAFF) LINAC
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K. Boretzky for the LAND-CB-FRS Collaboration:
Dipol-Stärkeverteilung in stabilen und exotischen Kernen
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M. Boutemeur:
π^0, η, K^0 and charged particles in quark and gluon jets
Verhandl. DPG 2000, T101.5 (2000)

S. Chouridou:
Calibration of the wire positions of an ATLAS MDT chamber in a muon testbeam at CERN
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T. Christiansen:
Einfluß von 5-Jet Ereignissen auf die Massenbestimmung des W Bosons
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M.J. Chromik, D. Gassmann, P. reiter, P.G. Thirolf, M. Thoennessen, T. Glasmacher, R.W. Ibbotson, R.A. Kryger, D.J. Morrissey, J. Prisciandaro, H. Scheit, M. Steiner, E. Tryggestad, P.J. Woods, and T. Davinson :
First experimental identification of simultaneous two-proton radioactivity
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S. Emhofer, D. Habs, O. Kester, H. Bongers, and T. Sieber:
Status of the REX-ISOLDE IH-structure
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O. Engels, D. Habs, G. Bollen, P. Thirolf, and J. Estermann :
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T. Gaitanos, C. Fuchs, and Amand Faessler und H. Wolter :
Kollektiver Fluß und Nichtgleichgewichtseffekte in relativistischen Schwerionenreaktionen
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D. Gassmann, P. Thirolf, D. Habs, M. Chromik, A. Görgen, H. Hübel, M. Hunyadi, A. Krasznahorkay, E. Mergel, D. Pansegrau, P. Reiter, H. Scheit, and D. Schwalm:
Conversion Electron Spectroscopy in the 2nd Minimum of ^{240}Pu
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H. Gilg, H. Geissel, A. Gillitzer, R.S. Hayano, S. Hirenzaki, K. Itahashi, M. Iwasaki, P. Kienle, M. Münch, G. Münzenberg, W. Schott, K. Suzuki, D. Tomono, H. Weick, T. Yamazaki, and T. Yoneyama :
Tief-gebundene pionische Zustände und das Pion-Kern-Potential in Blei
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B. Harss, H.J. Körner, R. Pardo, and E. Rehm :
Aufbau zur Produktion eines 17F-Sekundrstrahls
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F. Herfurth, D. Beck, J. Dilling, H.-J. Kluge, C. Scheidenberger, S. Schwarz, G. Sikler, G. Audi, D. Lunney, M. De Saint Simon, R.B. Moore, G. Bollen, A. Kellerbauer, J. Szerypo, V. Kolhinen, and the ISOLDE collaboration:
Hochgenaue Massenmessungen von kurzlebigen Argonisotopen mit dem ISOLTRAP-Spektrometer
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O. Kester, D. Habs, T. Sieber, M. Gross, P. Thirolf, P. Reiter, O. Engels, G. Bollen, H. Bongers, and S. Emhofer :
Status of REX-ISOLDE and new developments for MAFF
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O. Kortner:
Schauerproduktion durch hochenergetische Myonen
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I. Konorov, L. Schmitt und S. Paul, for the Compass Collaboration:
Compass readout electronics
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A. Leins:
Suche nach der Produktion von einzelnen Top-Quarks bei LEP2
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Messung der Lebensdauer von nacktem ^{205}Tl
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P. Mendez:
Bestimmung der Masse des W-Bosons im rein leptonischen Kanal mit den Daten des OPAL-Detektors
Verhandl. DPG 2000, T204.4 (2000)

M. Münch, H. Gilg, J. Homolka, P. Kienle, H.-J. Körner, und B. Sailer, for the HADES Collaboration:
Das ATM basierte Datenaufnahmesystem für das HADES Spektrometer
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G. Pretzler, C. Gahn, D. Habs, M. Hegelich, S. Karsch, J. Meyer-ter-Vehn, A. Pukhov, T. Schätz, U. Schramm, P. Thirolf, G. Tsakiris, and K. Witte :
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Fission Barrier and High Angular Momentum States of Z=102 Nobelium Isotopes
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Spektroskopie im superdeformierten Minimum von ^{196}Pb
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W. Rühm :
Neutron Dosimetry in Hiroshima - Open Questions and New Developments
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G. Rugel, T. Faestermann, A.M. Kellerer, K. Knie, G. Korschinek, A.A. Marchetti, J.E. McAninch, W. Rühm, T. Straume, and C. Wallner :
Schnelle Neutronenfluenz von Hiroshima - Messungen von ^{63}Ni mit AMS
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O. Sahr:
Studien zur Colour Reconnection in W-Paar Zerfällen bei OPAL
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Probing the nuclear shape in the hyperdeformed third minimum of the potential surface of ^{231}Th
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S. Typel, T. von Chossy, and W. Stocker und H. Wolter :
Relativistische Mittelfeldtheorie mit Ableitungskopplungen
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S. Typel and H. Wolter und G. Baur :
Indirekte Methoden in der nuklearen Astrophysik: Coulombaufbruch und Trojan-Horse-Methode
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Tatjana Unverhau:
Flavour-unabhängige Suche nach neutralen Higgsbosonen mit dem OPAL-Detektor bei Schwerpunktsenergien bis 202 GeV
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M. Wiesmann, A. Esposito, I. Konorov und S. Paul, for the Compass Collaboration:
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T. Trefzger:
Search for Single Top-Quark Production in e^+e^- Collisions at $\sqrt{s} \approx 189$ GeV

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Bonn , April 3 – 7, 2000

T. Huber, E. Nolte, W. Rühm, S. Merchel, and K. Kato. :
Neue ^{36}Cl-Messungen zur Hiroshimadiskrepanz.
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High-accuracy Mass Determination of Shortlived Argon Isotopes
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O. Kester, D. Habs, M. Groß, H.J. Maier, P.G. Thirolf, T. Sieber, T. Faestermann, T. von Egidy, and U. Köster :
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The MINIBALL-Array

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S. Typel :
Projectile Coulomb Excitation and break up

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T. Trefzger:
Suche nach dem Higgs-Boson bei LHC

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Quebec City, Canada, May 22 – 28, 2000

M. Beck, F. Ames, and G. Bollen:
A novel approach for measuring the beta-neutrino angular correlation in nuclear beta decay

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P.G. Thirolf, M. Groß, D. Habs, W. Carli, P. Hartung, and W. Hagn:
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Bologna, Italy , May 29 – June 3, 2000

V. Baran, M. Colonna, M. Di Toro, M. Zielinska-Pfabe, and H. H. Wolter :
What can we learn from nuclear matter instabilities?

J. Friese for the HADES collaboration:
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T. Gaitanos, H. H. Wolter, and C. Fuchs :
Thermodynamical description of heavy ion collisions

T. Gaitanos, H. H. Wolter, C. Fuchs, and A. Faessler :
Can we determine the nuclear equation of state from heavy ion collisions?

E. Ramström, H. Lenske, and H. H. Wolter :
Multistep description of nucleon production spectra in nucleon-induced reactions at intermediate energy

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L. Goergens, G. Dollinger, A. Bergmaier, V. Petrova-Koch, G. Dumikas, A. Egorov, and H. Riechert :
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Decay studies of N $\approx$ Z nuclei from ^{77}Y to ^{100}Sn

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P. Reiter:
Fission Barrier and Formation Mechanism of Z=102 No Isotopes

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Burg Rieneck, Germany , June 19 – 21, 2000

T. Gaitanos :
Collective flow and non-equilibrium effects in heavy ion collisions

S. Typel :
Relativistic mean field theory with derivative coupling

28th IUVSTA (International Society for Vacuum Science, Techniques and Applications)
Abingdon, Oxfordshire, UK , June 26 – 30, 2000

G. Dollinger :
Elastic Recoil Detection Analyses with Monolayer resolution

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F. Cappuzzello, A. Cunsolo, S. Fortier, A. Foti, H. Khaled, H. Laurent, H. Lenske, A. L. Melita, C. Nociforo, L. Rosier, C. Stephan, L. Tassan-Got, J. S. Winfield, and H. H. Wolter :
QRPA-based analysis of reactions involving exotic nuclei and $^{11}B(^7Li,^7Be)^{11}Be$ charge exchange

A. Musumarra, M. Aliotta, S. Blagus, M. Bogovac, S. Cherubini, P. Figuera, M. Lattuada, M. Milin, D. Miljanic, M. G. Pellegriti, R. G. Pizzone, D. Rendic, H. Soic, C. Spitaleri, A. Tumino, S. Typel, H. Wolter, and M. Zadro :
Indirect Measurement of The $^6Li(d,\alpha)^4He$ Astrophysical Factor

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M. Boutemeur:
Multiplicities of π^0, η, K^0 and charged particles in quark and gluon jets

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Regensburg, Germany , July 13 – 16, 2000

G. Seewald, E. Zech, M. Dietrich, for the ISOLDE Collaboration:
Quadrupolar Contributions to Spin-Lattice Relaxation in Ferromagnets

30th International Conference on High-Energy Physics (ICHEP 2000)
Osaka, Japan , July 27 – August 2, 2000

G. Duckeck:
The Z^0 Lineshape and Lepton Asymmetries at LEP

R. Ströhmer:
W Mass Measurements using Semileptonic and Fully Leptonic Events at LEPII

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P.G. Thirolf, D. Gassmann, D. Habs, M.J. Chromik, Y. Eisermann, G. Graw, R. Hertenberger, H.J. Maier, A. Metz, P. Reiter, T. Faestermann, A. Krasznahorkay, M. Hunyadi, M. Csatlos, J. Gulyas, Z. Mate, D. Pansegrau, H. Scheit, D. Schwalm, E. Mergel, H. Hübel, and A. Görgen :
Detailed Spectroscopy in the superdeformed second minimum of ^{240}Pu

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M. Faessler und U. Fuchs :
Scalar isoscalar mesons in $\bar{p}p$ annihilation

M. Faessler :
How to measure the mass of K and D mesons in nuclear matter

I. Uman :
Resonances with Hidden Strangeness in $\bar{p}p \rightarrow K^+K^-\pi^0$ in Flight

S. Wallis-Plachner :
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