

Published Journal Articles of the Physics Division, July-December 2009

Coherent Contributions to Isospin Mixing in the Mirror Pair ^{67}As and ^{67}Se

R. Orlandi, G. de Angelis, P. G. Bizzeti, S. Lunardi, A. Gadea, A. M. Bizzeti-Sona, A. Bracco, F. Brandolini, M. P. Carpenter, C. J. Chiara, F. Della Vedova, E. Farnea, J. P. Greene, S. M. Lenzi, S. Leoni, C. J. Lister, N. Mărginean, D. Mengoni, D. R. Napoli, B. S. Nara Singh, O. L. Pechenaya, F. Recchia, W. Reviol, E. Sahin, D. G. Sarantites, D. Seweryniak, D. Tonev, C. A. Ur, J. J. Valiente-Dobón, R. Wadsworth, K. T. Wiedemann, and S. Zhu
Phys. Rev. Lett. **103**, 052501/1-4 (2009)

Comment on “Hypersharp Resonant Capture of Neutrinos as a Laboratory Probe of the Planck Length”

J. P. Schiffer
Phys. Rev. Lett. **103**, 099102/1 (2009)

Observation of the Naive- T -Odd Sivers Effect in Deep-Inelastic Scattering

A. Airapetian *et al.* (HERMES Collaboration)
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Precise Electromagnetic Tests of *Ab-Initio* Calculations of Light Nuclei: States in ^{10}Be

E. A. McCutchan, C. J. Lister, R. B. Wiringa, Steven C. Pieper, D. Seweryniak, J. P. Greene, M. P. Carpenter, C. J. Chiara, R. V. F. Janssens, T. L. Khoo, T. Lauritsen, I. Stefanescu, and S. Zhu
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Dark Matter, Constrained Minimal Supersymmetric Standard Model, and Lattice QCD

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New Measurements of the European Muon Collaboration Effect in Very Light Nuclei

J. Seely *et al.*
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High-Resolution Spectroscopy of $^{16}_{\Lambda}\text{N}$ by Electroproduction

F. Cusanno *et al.* (Jefferson Lab Hall A Collaboration)
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Evolution of the One-Phonon $2^+_{1,\text{ms}}$ Mixed-Symmetry State in $N = 80$ Isotones as a Local Measure for the Proton-Neutron Quadrupole Interaction

T. Ahn, L. Coquard, N. Pietralla, G. Rainovski, A. Costin, R. V. F. Janssens, C. L. Lister, M. Carpenter, S. Zhu, and K. Heyde
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Exclusive ρ^0 Electroproduction on Transversely Polarized Protons

A. Airapetian *et al.* (HERMES Collaboration)
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Dynamic Polarization in the Coulomb Breakup of Loosely Bound ^{17}F

J. F. Liang, J. R. Beene, A. L. Caraley, H. Esbensen, A. Galindo-Uribarri, C. J. Gross, P. E. Mueller, K. T. Schmitt, D. Shapira, D. W. Stracener, and R. L. Varner
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Parity Doubling in ^{219}Th and the Onset of Collectivity Above $N = 126$

W. Reviol, D. G. Sarantites, C. J. Chiara, M. Montero, R. V. F. Janssens, M. P. Carpenter, T. L. Khoo, T. Lauritsen, C. J. Lister, D. Seweryniak, S. Zhu, O. L. Pechenaya, and S. G. Frauendorf
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Thorough γ -Ray and Particle Decay Investigations of ^{58}Ni

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Two-Quasiparticle Isomers and Bands of $^{154,156}\text{Nd}$ and $^{156,158,160}\text{Sm}$

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Coulomb Dissociation of ^{15}C and Radiative Neutron Capture on ^{14}C

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- Near-Yrast Structure of ^{142}Cs and ^{144}Cs
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