

List of Publications

Primary Publications

- [1] R. W. McKeown and D. E. Reyna, “A comparison of the performance of compact neutrino detector designs for nuclear reactor safeguards and monitoring,” arXiv:physics/0610257.
- [2] D. G. Michael *et al.* [MINOS Collaboration], “Observation of muon neutrino disappearance with the MINOS detectors and the NuMI neutrino beam,” Phys. Rev. Lett. **97**, 191801 (2006) [arXiv:hep-ex/0607088].
- [3] D. Reyna, “A simple parameterization of the cosmic-ray muon momentum spectra at the surface as a function of zenith angle,” arXiv:hep-ph/0604145. *submitted to Astroparticle Physics April, 2006*
- [4] T. Cundiff *et al.*, “The MINOS near detector front end electronics,” IEEE Trans. Nucl. Sci. **53**, 1347 (2006).
- [5] D. Reyna, “Neutrinos at 1%: A reactor based measurement of Theta(13),” Braz. J. Phys. **34**, 1434 (2004).
- [6] P. L. Anthony *et al.* [E155 Collaboration], “Precision measurement of the proton and deuteron spin structure functions g2 and asymmetries A(2),” Phys. Lett. B **553**, 18 (2003). [arXiv:hep-ex/0204028].
- [7] C. Adloff *et al.* [H1 Collaboration], “Measurement of deeply virtual Compton scattering at HERA,” Phys. Lett. B **517**, 47 (2001). [arXiv:hep-ex/0107005].
- [8] C. Adloff *et al.* [H1 Collaboration], “Elastic photoproduction of J/psi and Upsilon mesons at HERA,” Phys. Lett. B **483**, 23 (2000). [arXiv:hep-ex/0003020].
- [9] D. E. Reyna, “Measurement of the spin structure function g2(x,Q**2) for the neutron,” Ph. D. Thesis (1998). SLAC-R-662.
- [10] K. Abe *et al.* [E154 Collaboration], “Next-to-leading order QCD analysis of polarized deep inelastic scattering data,” Phys. Lett. B **405**, 180 (1997). [arXiv:hep-ph/9705344].
- [11] K. Abe *et al.* [E154 Collaboration], “Measurement of the neutron spin structure function g2(n) and asymmetry A2(n),” Phys. Lett. B **404**, 377 (1997). [arXiv:hep-ex/9705017].
- [12] K. Abe *et al.* [E154 Collaboration], “Precision determination of the neutron spin structure function g1(n),” Phys. Rev. Lett. **79**, 26 (1997). [arXiv:hep-ex/9705012].

Additional Publications

- [1] P. Adamson *et al.* [MINOS Collaboration], “Measurement of the atmospheric muon charge ratio at TeV energies with MINOS,” Phys. Rev. D **76**, 052003 (2007) [arXiv:0705.3815 [hep-ex]].
- [2] P. Adamson *et al.* [MINOS Collaboration], “Charge-separated atmospheric neutrino-induced muons in the MINOS far detector,” Phys. Rev. D **75**, 092003 (2007) [arXiv:hep-ex/0701045].
- [3] J. C. Anjos *et al.*, “Angra dos Reis reactor neutrino oscillation experiment,” Braz. J. Phys. **36**, 1118 (2006).

- [4] P. Adamson *et al.* [MINOS Collaboration], “First observations of separated atmospheric nu/mu and anti-nu/mu events in the MINOS detector,” Phys. Rev. D **73**, 072002 (2006) [arXiv:hep-ex/0512036].
- [5] E. Abouzaid *et al.*, “Report of the APS Neutrino Study Reactor Working Group,” LBNL-56599
- [6] K. Anderson *et al.*, “White paper report on using nuclear reactors to search for a value of theta(13),” arXiv:hep-ex/0402041.
- [7] C. Adloff *et al.* [H1 Collaboration], “Search for odderon-induced contributions to exclusive pi0 photoproduction at HERA,” Phys. Lett. B **544**, 35 (2002). [arXiv:hep-ex/0206073].
- [8] C. Adloff *et al.* [H1 Collaboration], “Search for QCD instanton-induced processes in deep-inelastic scattering at HERA,” Eur. Phys. J. C **25**, 495 (2002) [arXiv:hep-ex/0205078].
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- [10] C. Adloff *et al.* [H1 Collaboration], “Energy flow and rapidity gaps between jets in photoproduction at HERA,” Eur. Phys. J. C **24**, 517 (2002). [arXiv:hep-ex/0203011].
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Proceedings, Proposals, and Internal Notes

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- [2] J. C. Anjos *et al.*, “Angra neutrino project: Status and plans,” Nucl. Phys. Proc. Suppl. **155**, 231 (2006) [arXiv:hep-ex/0511059].
- [3] S. Berridge *et al.*, “Proposal for U.S. participation in double-CHOOZ: A new Theta(13) experiment at the Chooz reactor,” arXiv:hep-ex/0410081.

- [4] D. S. Ayres *et al.* [NOvA Collaboration], “NOvA proposal to build a 30-kiloton off-axis detector to study neutrino oscillations in the Fermilab NuMI beamline,” arXiv:hep-ex/0503053.
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