

USQCD Publications Enabled by the LQCD, LQCD-ext, and LQCD-ARRA Computing Projects

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Publications in or Submitted to Refereed Journals

- [1] H. Na, C. J. Monahan, C. T. H. Davies, R. Horgan, G. P. Lepage and J. Shigemitsu, “The B and B_s Meson Decay Constants from Lattice QCD,” arXiv:1202.4914 [hep-lat], submitted to Phys. Rev. D.
- [2] A. Bazavov *et al.* [HotQCD Collaboration], “Fluctuations and Correlations of net baryon number, electric charge, and strangeness: A comparison of lattice QCD results with the hadron resonance gas model,” arXiv:1203.0784 [hep-lat].
- [3] L. Liu, G. Moir, M. Peardon, S. M. Ryan, C. E. Thomas, P. Vilaseca, J. J. Dudek and R. G. Edwards *et al.*, “Excited and exotic charmonium spectroscopy from lattice QCD,” arXiv:1204.5425 [hep-ph].
- [4] J. J. Dudek, R. G. Edwards and C. E. Thomas, “S and D-wave phase shifts in isospin-2 pi pi scattering from lattice QCD,” arXiv:1203.6041 [hep-ph].
- [5] J. J. Dudek and R. G. Edwards, “Hybrid Baryons in QCD,” Phys. Rev. D **85**, 054016 (2012) [arXiv:1201.2349 [hep-ph]].
- [6] T. Appelquist, R. C. Brower, M. I. Buchoff, M. Cheng, S. D. Cohen, G. T. Fleming, J. Kiskis and M. Lin *et al.*, “Approaching Conformality with Ten Flavors,” arXiv:1204.6000 [hep-ph].
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- [12] R. Arthur *et al.* [RBC and UKQCD Collaboration], “Opening the Rome-Southampton window for operator mixing matrices,” Phys. Rev. D **85**, 014501 (2012) [arXiv:1109.1223 [hep-lat]].

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