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Meson spectra from overlap fermion on domain wall gauge configurations

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We report meson spectra obtained by using valence overlap fermion propagators generated on a background of 2+1 flavor domain wall fermion gauge configurations on the $16^3 \times 32$, $24^3 \times 64$ and $32^3 \times 64$ lattices. We use many-to-all correlators with Z_3 grid source and low eigenmode substitution which is more efficient in reducing errors for the hadron correlators. Three different sea quark masses along with various valence quark masses, from very low to charm mass region, are utilized for this calculation.

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Primary author: MATHUR, Nilmani (Tata Institute of Fundamental Research, India)

Co-authors: ALEXANDRU, A. (George Washington University, USA); LI, A. (Duke University, USA); LEE, F. X. (George Washington University, USA); HORVATH, I. (University of Kentucky, USA); ZHANG, J. B. (Zhejiang University, China); LIU, K.-F. (University of Kentucky, USA); GONG, M. (University of Kentucky, USA); DONG, S. J. (University of Kentucky, USA); DOI, T. (University of Tsukuba, Japan); DRAPER, T. (University of Kentucky, USA); STREUER, T. (University of Regensburg, Germany); CHEN, Y. (Institute of High Energy Physics, China)

Presenter: MATHUR, Nilmani (Tata Institute of Fundamental Research, India)

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