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Strangeness in the nucleon from a mixed action calculation

Tuesday, 15 June 2010 17:00 (20 minutes)

Both the scalar strange content of the nucleon, as embodied in the F_T s parameter, as well as the strange quark contribution to nucleon spin, Δs , are investigated in a mixed action scheme employing domain wall valence quarks and quark loops on MILC asqtad dynamical fermion ensembles. Results are presented for pion masses 495 MeV and 356 MeV.

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talk

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