



Contribution ID: 140

Type: **not specified**

Low-energy parameters of pion and nucleon from two-flavor lattice QCD at physical quark masses

Monday, 14 June 2010 16:40 (20 minutes)

I report on recent simulations of clover fermions with masses extending down to the physical point. The focus is on pion and nucleon two-point functions. Among the topics being addressed are the light quark masses, the low-energy constants of the underlying chiral and heavy-baryon effective theories, the nucleon sigma term, the pion decay constant, as well as effects of the finite volume.

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talk

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Session Classification: Parallel 10: Hadron spectroscopy

Track Classification: Hadron spectroscopy