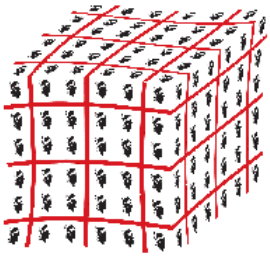

Contribution ID: **180** Type: **not specified**

Chiral Aspects of Improved Staggered Fermions with 2+1-Flavors from the hotQCD Collaboration

Monday, 14 June 2010 15:30 (20 minutes)

We present recent results from HotQCD simulations of 2+1 flavors of improved staggered fermions at zero baryon number density near the high temperature crossover. Included are new results from simulations of asqtad fermions at Nt = 12 and a nearly physical Goldstone pion mass and from simulations of HISQ fermions at Nt = 8. We focus on observables sensitive to chiral symmetry and confinement.
A companion HotQCD talk discusses the effects of staggered-fermion taste-symmetry breaking on thermodynamic quantities.

Please, insert your presentation type (talk, poster)

talk

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Session Classification: Parallel 03: Nonzero temperature and density

Track Classification: Nonzero temperature and density