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Type: **Talk**

Investigating Phase Structure of three-flavor QCD with Domain Wall Fermions at Finite Temperature

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Phase boundary in the lower left corner of Columbia plot has been studied extensively. We have been tackling this problem using Möbius domain wall fermions of JLQCD type. With an extended analysis as well as the increased statistic around the physical ud quark mass for the three degenerate quarks, we will make conclusion for the $N_t = 12$ lattice. With that and glancing the results so far obtained with heavier masses, discussion on the phase structure will be provided.

Parallel Session (for talks only)

QCD at nonzero temperature and density

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Session Classification: QCD at nonzero temperature and density