

Topological objects and the local Polyakov loop

We compare the behavior of zero-modes of the overlap Dirac operator measured on the finite temperature 2+1 flavor lattice QCD configurations, generated with domain wall fermion discretization, to the local Polyakov Loop in the temperature range $1.1-1.2T_c$, T_c being the pseudo-critical temperature. We show how the position of the zero-modes are anti-correlated to the local value of the Polyakov Loop.

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Session Classification: Poster session