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Thermodynamics with Möbius domain wall fermions near physical point (II)

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We perform finite temperature 2+1-flavor lattice QCD simulation employing the Möbius domain-wall fermion near the (pseudo-)critical point with $N_t=12$ and 16. The simulation points are chosen along the lines of constant physics, where the quark mass is fixed near physical point.

The input quark mass for Möbius domain wall fermion with $L_s=12$ are tuned by taking into account the residual mass. In this talk, we focus on simulation details and present some preliminary results.

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