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Fine lattice simulations with the Ginsparg-Wilson fermions

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We report the status of 2+1-flavor simulations with the Mobius domain-wall fermions on fine lattices of $1/a = 2.4$ and 3.6 GeV. The violation of the Ginsparg-Wilson relation is controlled at the level of 0.5 MeV or better. Analyses of the Wilson flow observables, heavy quark potential and light-hadron correlator are presented.

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