Dynamical simulation with 2+1 flavors of overlap light quarks

Presenter: Shoji Hashimoto — KEK

We report on the status of the 2+1-flavor dynamical overlap fermion project. We started a set of exact HMC runs on a $16^3 \times 32$ lattice at $a \simeq 0.12$ fm, covering ud quark masses in the region $m_s/6-m_s$. In this talk, we will discuss the details of the simulations including the algorithms we adopted. Some early physics results will also be reported.