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Latest Results from RQCD using 2+1f CLS Simulations with Open Boundaries

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We will report on latest results of the RQCD group obtained from 2+1f gauge field configurations with non-perturbatively improved Wilson action and open boundaries generated within the CLS effort. We have extended our simulations to include two chiral trajectories, one keeping the average quark mass fixed and an additional one where the strange quark mass is kept at its physical value. For the latter, we present details of our tuning strategy which enables us to fix the strange quark mass at the percent level (or possibly below). We will focus on spectroscopy, scale setting, and improvement coefficients.

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