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Scale setting for CLS 2+1 simulations

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We present an update of the scale setting for $N_f = 2 + 1$ flavor QCD using gradient flow scales and pseudoscalar decay constants. We analyze the latest ensembles with $2 + 1$ flavors of non-perturbatively improved Wilson fermions generated by CLS for improved precision. Special care is taken to correct for mistuning by measuring directly the mass derivatives of the various observables. We determine t_0 , w_0 and t_0/w_0^2 with input taken from f_π as well as from $f_K + f_\pi/2$.

Primary author: STRASSBERGER, Ben (Deutsches Elektronen-Synchrotron DESY)

Presenter: STRASSBERGER, Ben (Deutsches Elektronen-Synchrotron DESY)

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