



Contribution ID: 209

Type: Oral presentation

Scale setting and the light baryon spectrum on CLS ensembles

Tuesday, 27 July 2021 13:00 (15 minutes)

We present continuum limit results of the quark mass dependence of octet and decuplet baryon masses obtained from Lattice QCD simulations. This is part of our large-scale programme connected to CLS of simulating $N_f = 2 + 1$ flavours of non-perturbatively improved Wilson fermions where ensembles with large volumes together with a wide range of quark masses, including the physical point, are used. The six different lattice spacings reach from 0.1 fm down to below 0.04 fm. In this analysis we also determine the Wilson flow scale parameter t_0 from the masses of the Ξ and Ω baryons.

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Session Classification: Hadron Spectroscopy and Interactions

Track Classification: Hadron Spectroscopy and Interactions