



Contribution ID: 250

Type: **Oral presentation**

Determination of the light, strange and charm quark masses using twisted mass fermions

Wednesday 28 July 2021 13:00 (15 minutes)

We present recent results on quark masses using $N_f=2+1+1$ clover-improved twisted mass fermion gauge ensembles simulated by the Extended Twisted Mass Collaboration. The renormalized light, strange and charm quark masses are evaluated in isospin-symmetric QCD and different mesonic and baryonic inputs are used to set the scale and define the physical point, thus providing a consistency checks on the results.

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Session Classification: Standard Model Parameters

Track Classification: Standard Model Parameters