



Contribution ID: 318

Type: Oral presentation

K- and D(s)-meson leptonic decay constants with physical light, strange and charm quarks by ETMC

Thursday 29 July 2021 05:30 (15 minutes)

We will present a lattice QCD computation of the decay constants for the pseudoscalar mesons K and D(s) in the isosymmetric limit by the Extended Twisted Mass Collaboration (ETMC). Simulations of $N_f=2+1+1$ dynamical quarks have been performed with the twisted mass fermion action at three values of the lattice spacing, where the masses of the light, strange and charm quarks are all tuned at their physical values.

Primary author: Dr DIMOPOULOS, Petros (University of Parma)

Presenter: Dr DIMOPOULOS, Petros (University of Parma)

Session Classification: Standard Model Parameters

Track Classification: Standard Model Parameters