



Contribution ID: 231

Type: **Talk**

Disconnected contribution to the muon $g - 2$ hadronic vacuum polarization

Thursday, 1 August 2024 09:00 (20 minutes)

We report on the Fermilab-HPQCD-MILC collaboration's effort updating our calculation of the HVP for the muon anomalous magnetic moment. Using physical $N_f = 2 + 1 + 1$ HISQ ensembles at multiple lattice spacings, we focus on the isospin-symmetric, quark-line-disconnected contribution to the HVP for various windows quantities.

Primary author: CLARKE, David Anthony (University of Utah)

Co-author: COLLABORATION, Fermilab Lattice HPQCD and MILC

Presenter: CLARKE, David Anthony (University of Utah)

Session Classification: Quark and lepton flavour physics

Track Classification: Quark and Lepton Flavour Physics