

Contribution ID: 105

Type: Talk

Status report on the hadronic light-by-light contribution to the muon g-2 using twisted-mass fermions.

Monday, 29 July 2024 14:15 (20 minutes)

We report on our preliminary results on the lattice computation of the hadronic light-by-light contribution to the anomalous magnetic moment of the muon. We use twisted-mass fermions on $N_f = 2 + 1 + 1$ gauge ensembles at the physical point generated by the Extended Twisted Mass Collaboration (ETMC).

Primary authors: KANWAR, Gurtej (University of Bern); PETSCHLIES, Marcus (U. Bonn); KALNTIS, Nikolaos (University of Bern); ROMITI, Simone (University of Bern); WENGER, Urs (University of Bern)

Presenter: KALNTIS, Nikolaos (University of Bern)

Session Classification: Quark and lepton flavour physics

Track Classification: Quark and Lepton Flavour Physics