Contribution ID: **354**   Type: **Parallel Talk**

Computing hadronic vacuum polarization on 0.048 fm lattices with GPUs

Tuesday, 1 August 2023 13:30 (20 minutes)

I will present ongoing efforts, by the Budapest-Marseille-Wuppertal collaboration, concerning the staggered-fermion computation of the HVP two-point function, on new 0.048 fm lattices. In particular, I will focus on aspects of our GPU determination of the Omega baryon mass, used for scale setting, and that of the connected, light-quark contribution to the muon g-2.

Topical area

Quark and Lepton Flavor Physics

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