

Connected hadronic contribution to the muon $g-2$ from lattice QCD and QED

Wednesday, 15 February 2023 12:30 (20 minutes)

By replacing continuous space–time with a Euclidean lattice, lattice gauge theories provide a way to capture the non-perturbative effects in the muon $g-2$. We present first results by the RC collaborations towards obtaining a precise estimate of these effects using a novel local description of lattice QCD and QED, based on C boundary conditions in space.

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Session Classification: Young Researchers Session