

Hadronic contributions to the anomalous magnetic moment of the muon

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The 2021 measurement by the Fermilab experiment confirmed the 4 sigma discrepancy with the theory estimate based on the world average from the g-2 Theory Initiative. Since then, new lattice QCD results have been published and tend to reduce this tension.

In this talk, I will present some recent lattice calculations of the hadronic contributions to the muon g-2 and I will discuss their impact on the discrepancy with the experimental measurement.

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