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The Muon Anomaly and Dark Parity Violation

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A possible “Dark Boson” explanation for the 3.6sigma discrepancy between the muon anomalous magnetic moment theory and experiment is reviewed. Implications for low energy atomic and polarized electron scattering parity violation experiments are described. Signatures for such a “Dark Boson” in K, B and Higgs decays are discussed.

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Session Classification: Related searches