

Seminar

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The muon $g-2$

There is a long-standing 3-4 sigma tension between the standard model calculation and the BNL experimental result for the anomalous magnetic moment, $g-2$, of the muon. The Fermilab E989 experiment will soon release an improved result and commensurate improvements are in progress for the theory calculation. I am going to discuss the current status of experiment and theory with focus on first-principles calculations of the important hadronic vacuum polarization and hadronic light-by-light contributions.

Tuesday, 20.10.2020, 14:15 Uhr
cyberspace