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Status of the anomalous magnetic moment of the muon in spring 2019

Monday, 3 June 2019 15:00 (30 minutes)

In this talk we review the recent progress on the numerical determination of the hadronic contributions to the anomalous magnetic moment of the muon and we discuss the role of experimental data on the accuracy of its determination. Special emphasis on the light-by-light scattering contribution and on its main contribution, the pseudoscalar piece, is made. A state-of-the-art deviation between theory and experiment for the $(g - 2)_\mu$ is discussed and an outlook for the near future made.

Summary

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