

Standard Model Prediction for the Muon Anomalous Magnetic Moment

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An update of the theoretical prediction for the muon anomalous magnetic moment within the Standard Model is presented. It is based on recent low energy $e+e-$ data for the leading order hadronic contributions as well as developments in the estimates of the hadronic light-by-light term. The theoretical prediction is confronted to the world average value of the experimentally measured muon anomaly.

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