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【401】 New Physics in the Flavour Sector

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In the last years, intriguing hints for lepton flavour universality violating New Physics in B decays has been discovered. Including the most recent measurements, the global significance is now above the 5 sigma level.

In this talk I first review the experimental and theoretical status of these anomalies. Afterwards, I discuss various explanations in terms of New Physics models and examine the interplay with the anomaly in the anomalous magnetic moment of the muon and with direct LHC searches.

Author: CRIVELLIN, Andreas

Presenter: CRIVELLIN, Andreas

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