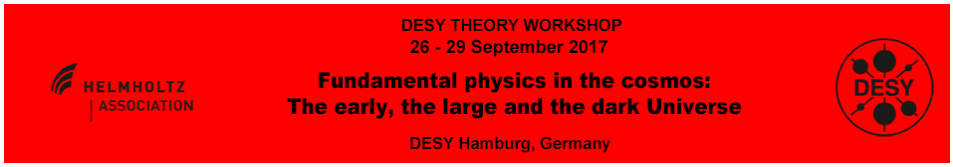

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B-physics anomalies

Thursday 28 September 2017 16:05 (17 minutes)

Several deviations from Standard Model expectations have been observed in decays of B mesons in recent years, including hints for violation of lepton flavour universality in b->c and b->s transitions and deviations in branching ratios and angular observables in exclusive semileptonic rare decays. While these "anomalies" could be explained by a combination of statistical fluctuations in some observables and underestimated hardonic uncertainties in others, they can also be consistently explained in terms of physics beyond the Standard Model. This talk will discuss the status of these deviations and possible new physics models explaining them.

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