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Anomalies in B meson decays: present status and future colliders prospects

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The experimental measurements on flavour physics, in tension with Standard Model predictions, exhibit large sources of Lepton Flavour Universality violation. We perform an analysis of the effects of the global fits to the Wilson coefficients assuming a model independent effective Hamiltonian approach, by including a proposal of different scenarios to include the New Physics contributions. A discussion of the implications of our analysis in leptoquark models is included. We conclude with an overview of the impact of the future generation of colliders in the field of B-meson anomalies.

Time Zone

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Primary author: ALDA, Jorge (Universidad de Zaragoza)

Presenter: ALDA, Jorge (Universidad de Zaragoza)

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