

## Hints for flavorful new physics

*Monday, 12 July 2021 11:10 (30 minutes)*

Flavor physics is addressing two complementary questions. First, what is the origin of the hierarchical flavor structure of the Standard Model quarks and leptons? Second, are there sources of flavor and CP violation beyond the Standard Model? I will discuss recent theoretical developments in this area, focusing mainly on the so-called “B-anomalies” – persistent hints for the violation of lepton flavor universality in decays of B mesons. I will review the status of the anomalies, discuss possible new physics explanations, and outline the prospects of resolving the anomalies with expected experimental data.

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