

PRISMA+ Colloquium

Dec. 2, 2015 at 1 p.m.
Lorentz-Raum 05-127, Staudingerweg 7

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BSM flavor physics

Flavor physics is highly sensitive to BSM physics and vice versa. In this talk we demonstrate this explicitly with rare decays of K,D,B-mesons and LFV processes in the example of bottom-up leptoquark extensions of the Standard Model.

Recent anomalies in rare B-decays into leptons hinting at lepton non-universality are addressed.

Other model-explanations are also discussed and how in the future one may distinguish them.