

Physics beyond the Standard Model: flavour and Dark Photons

Monday, 6 February 2023 16:15 (25 minutes)

In this talk I outline the motivation for BSM physics, and focus on the opportunity that flavour physics offers for new physics searches. After the introduction and motivation we look at a concrete BSM model, the Dark Photon. We perform an analysis for 2-body meson and baryon decays which allows to set bounds on the flavour-changing couplings of the model.

Presenter: FOLCH, Jordi (TU Dortmund/University of Barcelona)