

Probing sterile neutrinos in bottom and charm decays

Tuesday, 4 June 2024 12:00 (30 minutes)

We explore several channels in bottom and charm quark decays that can be affected by the presence of a sterile neutrino. We will discuss strategies to find signatures of the sterile neutrino in these decays at various experiments such as Belle II, FASER and DUNE. Finally, we will address the recent measurement of $B \rightarrow K$ invisible in a dark sector model with a sterile neutrino.

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