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Latest results on lattice calculations concerning K- \rightarrow pill decays

Thursday 12 September 2019 09:15 (25 minutes)

Previous lattice calculations by the RBC and UKQCD collaborations, at an unphysical pion mass, have successfully extracted the matrix elements needed to describe the form factor of the $K \rightarrow \pi \ell^+ \ell^-$ decay.

I will present the latest results of the calculation at the physical point and discuss future outlooks.

Presenter: O HOGAIN, Fionn

Session Classification: Rare and forbidden Kaon decays - 1