

XXV DAE-BRNS High Energy Physics Symposium 2022



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CLFV searches in the tau sector

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Charged lepton flavor violation has long been recognized as an unambiguous signature of New Physics. Here, we describe the physics capabilities and discovery potential of New Physics models with charged lepton flavor violation in the tau sector as its experimental signature. Current experimental status from the B-Factory experiments BaBar, Belle and Belle II, and future prospects at Super Tau Charm Factory, LHC, EIC and FCC-ee experiments to discover New Physics via charged lepton flavor violation in the tau sector are discussed.

Session

Quark and Lepton Flavour Physics

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