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Tree-level New Physics searches in semileptonic B decays at Belle ($10'$ + $5'$)

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Semileptonic decays involving a heavy tau lepton are sensitive to New Physics scenarios with an extended Higgs sector, such as the type II two Higgs doublet model. Semileptonic decays with light leptons can be used to search for right-handed couplings and lepton-universality violation. In this talk we report new and updated results, based on the large data sample accumulated by the Belle experiment at the KEKB asymmetric energy e^+e^- collider at KEK, Japan.

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