



Contribution ID: 56

Type: **not specified**

## Searches for lepton-flavour violation in $\tau$ decays at Belle and Belle II

*Thursday 3 July 2025 16:30 (20 minutes)*

The Belle and Belle II experiments have collected a  $1.6 \text{ ab}^{-1}$  sample of  $e^+e^-$  collision data at center-of-mass energy near the  $\Upsilon(nS)$  resonances. This sample contains approximately 1.5 billion  $e^+e^- \rightarrow \tau^+\tau^-$  events, which we use to search for lepton-flavour violating decays. We present searches for  $\tau \rightarrow l\gamma$ , tau decays into three leptons,  $\tau^- \rightarrow K_S^0 l^-$  and  $\tau^- \rightarrow l^- \alpha$  where  $\alpha$  is an invisible scalar particle.

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**Session Classification:** Parallel session II