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The discovery potential of a Linear Collider for charged Lepton Flavour Violation in the SUSY seesaw

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In addition to explaining neutrino masses and mixings (neutral lepton flavour violation - LFV), some mechanisms of neutrino mass generation can also give rise to potentially observable LFV in the charged lepton sector (cLFV). By focusing on the supersymmetric version of the type-I seesaw mechanism, we address the potential of a Linear Collider operating with polarisable e-plus e-minus as well as e-minus e-minus beams for the discovery of cLFV in e-mu flavour transitions.

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