Contribution ID: **90** Type: **Poster contribution**

Lepton flavor violation in the Littlest Higgs Model with T parity including TeV Majorana neutrinos

Friday 1 October 2021 10:50 (2 hours)

LFV processes have been studied extensively in this model (JHEP 07 (2019) 154). We study systematically the phenomenological consequences of introducing inverse see-saw neutrino masses in the model (according to JHEP 12 (2019) 154) and obtain predictions on the $\tau \to \ell\gamma$ and $\tau \to \ell\ell'\ell'$ decays (other LFV decays are also analyzed) which are close to current experimental bounds. Besides, the introduction of these TeV Majorana neutrinos allows for wrong-sign $\tau \to \ell\ell\ell'$ decays, at a rate which can also be probed by Belle-II.

What is your topic?

Lepton universality and flavour violation

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