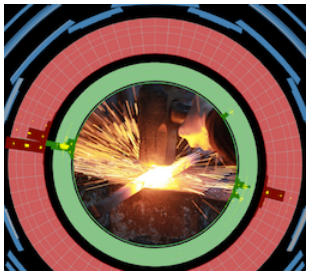

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A link between $\mu \to e\gamma$ and μ-e conversion from a model of neutrino masses

Monday 9 May 2016 14:00 (15 minutes)

We present several interesting phenomenological implications in a model of neutrino masses which is constructed within the framework of the electroweak-scale right-handed neutrino (EW-ν_R) model by applying a horizontal A_4 symmetry. The one-loop induced lepton flavor violating radiative decays $\mu \to e\gamma$ and μ-e conversion might be related to each other under a good approximation that we have established. Implications concerning future searches for μ-e conversion at Fermilab and J-PARC COMET are also discussed.

Summary

Author: LE, Trinh (University of Virginia)

Co-authors: Prof. HUNG, P.Q. (University of Virginia); Prof. YUAN, Tzu-Chiang (Academia Sinica, Taiwan); Mr TRAN, Van Que (National Taiwan Normal University)

Presenter: LE, Trinh (University of Virginia)

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