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Phenomenology of a flavoured multiscalar BGL-like model with three generations of massive neutrinos

Thursday 30 June 2022 17:00 (15 minutes)

In this talk, I will present several possible anomaly-free implementations of the Branco-Grimus-Lavoura (BGL) model with two Higgs doublets and one singlet scalar. The model also includes three generations of massive neutrinos that get their mass via a type-I seesaw mechanism. A particular anomaly-free realization, which we dub vBGL-1 scenario, is subjected to an extensive phenomenological analysis, from the perspective of electroweak precision, Higgs and flavour observables

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