



Contribution ID: 30

Type: **not specified**

Flavor changing neutral current in the flipped 341 model

Monday, 21 March 2022 16:55 (15 minutes)

We present a new chiral gauge anomaly flipped 341 model where lepton families are arranged in different $SU(4)$ gauge group representations leading to a nonuniversal coupling with heavy neutral gauge bosons Z' and Z'' of the model. The resulted flavor-changing neutral current in the leptonic sector is discussed and bounds on some of the flavor changing parameters are derived using the recent experimental data on the muon rare decays.

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Session Classification: Parallel Session II