

## Muonic force behind flavor anomalies

*Friday 24 September 2021 11:50 (25 minutes)*

I will review our recent work on lepton flavor non-universal and anomaly-free  $U(1)$  gauge extensions of the SM. The phenomenological discussion will be centered around flavor anomalies in rare B-meson decays and muon  $g-2$ . This talk is based on 2103.13991 (AG, Stangl, and Thomsen) and 2107.07518 (AG, Soreq, Stangl, Thomsen, and Zupan).

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