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# Tau g-2

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The electromagnetic moments of the tau lepton are highly sensitive to new physics but are challenging to measure due to the short tau lifetime. Given observed tensions for other lepton generations it is crucial to pin down the moments of the tau. We propose a strategy using heavy ion collisions at the LHC as an intense source of photon collisions in order to surpass 15 year old lepton collider constraints on the tau anomalous magnetic moment. This exciting possibility could be achievable today using data which has already been recorded. Based on arXiv:1908.05180 [hep-ph].

## Secondary track (number)

05

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