

g-2 from MeV ALPs

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I will talk about the possibility to address the recent result for the muon ($g-2$) with an axion-like particle (ALP) at the MeV scale. This particle promptly decays to electrons, which permits to account for the XENON1T excess as in arXiv:2011.08919 and to identify the ALP with the QCD axion of arXiv:1710.03764.

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