

The 750 GeV in the light of Dark Matter

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Summary

“Who Ordered that” quipped I.I. Rabi in 1936 for the discovering of the muon. Recently, ATLAS and CMS reported a diphoton excess, which could correspond to a resonance at around 750 GeV, that was not expected by many models. We will discuss the different implications of such a particle in the dark matter framework, reviewing the different phenomenological constructions and the possibility to linked this new particle with the dark matter WIMP paradigm.

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