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DARK MATTER SEARCHES: AN OVERVIEW

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We live in a mysterious Universe.

Recently, gravitational waves have been detected, black holes horizons have been observed,

Dark Energy could be a cosmological constant... Of the main challenges in physics, we still have to uncover the nature

of the observed Dark Matter, which is contributing more than 80% of the matter in the Universe.

Extensions of the Standard Model of Particle Physics like Supersymmetry expect particles which are neutral and interact very weakly with other forms of matter. In this talk I will briefly review, what we really know about Dark Matter and address some detection issues.

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