

Long-lived particle searches by ATLAS and CMS

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Several models beyond the Standard Model predict the production of long-lived particles (LLP). For instance R-parity violating supersymmetry or hidden valley models allow such production of LLP, defining a lot of different and non-conventional experimental signatures. We present the different strategies and recent results to look for these new LLP, using 13 TeV data recorded by both ATLAS and CMS collaborations.

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