



MEETING OF THE AMERICAN PHYSICAL SOCIETY DIVISION OF PARTICLES AND FIELDS

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Searches for new physics using long-lived particles with the CMS detector

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We present results of searches for new physics using long-lived particles using data recorded by CMS during Run-II of the LHC. Searches include long-lived charged particles and highly displaced decays. These searches are sensitive to numerous beyond the standard model theories and greatly expand the discovery potential of the LHC.

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