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## Freeze-in and LLPs

Wednesday 16 May 2018 16:40 (15 minutes)

Long-lived particles appearing in models in which dark matter is produced via the freeze-in mechanism can be probed at the LHC. This is illustrated for the case of a long-lived charged fermion which decays into dark matter and a lepton (electron or muon), using a search for heavy stable charged particles and a displaced lepton search by the CMS collaboration.

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Session Classification: Joint session with Long-Lived Particles Workshop