Contribution ID: **648** Type: **Parallel Sessions**

Search for new physics with displaced leptons, jets, and photon at CMS

Friday, 6 July 2012 12:15 (15 minutes)

We present results of searches for new long-lived particles with a distinctive signature of decay products far from the primary event vertex. Dedicated trigger and reconstruction algorithms have been developed to identify such displaced particles. The full sample of 5 fb-1 of pp collisions recorded with CMS in 2011 at the center-of-mass energy of 7 TeV has been used.

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Session Classification: Room 219 - Beyond the Standard Model SUSY / Non-SUSY - TR2&3

Track Classification: Track 3 - BSM - Non-SUSY Exotics