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Type: **Parallel Sessions**

Searches for long-lived particles with the ATLAS detector

Friday 6 July 2012 11:30 (15 minutes)

Several extensions of the Standard Model predict the existence of massive long-lived particles. We report on searches for weakly-interacting long-lived particles decaying to collimated lepton-jets far away from the interaction point, and for production of highly-ionizing magnetic monopoles. The talk presents results of analyses using data recorded in 2011 at $\sqrt{s}=7$ TeV centre-of-mass energy by the ATLAS experiment at the LHC

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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