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Search for exotics long-lived particles with ATLAS at the LHC

Various models of new physics beyond the standard model predict the existence of long-lived particles decaying far from the interaction point to collimated jets of leptons or hadrons. Results are presented on the searches of these long-lived particles in the context of exotics models with the ATLAS detector, based on the LHC collision events data collected during 2011/2012.

Primary author: POLICICCHIO, Antonio (INFN Cosenza)

Presenter: POLICICCHIO, Antonio (INFN Cosenza)

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