



Contribution ID: 79

Type: Poster

First Results of Search for Stopped Gluinos in pp collisions at $\sqrt{s} = 7$ TeV at CMS

We present the first results of a search for long-lived gluinos which have stopped in the Compact Muon Solenoid detector after being produced in 7 TeV pp collisions from CERN's Large Hadron Collider. We looked for the subsequent decay of these particles during time intervals where there were no pp collisions in the Compact Muon Solenoid experiment. In particular, we searched for decays during gaps between crossings in the Large Hadron Collider beam structure.

Primary author: Dr RATNIKOV, Fedor (KIT, Karlsruhe)

Presenter: Dr RATNIKOV, Fedor (KIT, Karlsruhe)

Track Classification: Poster