Contribution ID: **46**   Type: **Parallel talk**

Higgsino Dark Matter at Collider

Tuesday, 20 June 2017 16:30 (15 minutes)

The Higgsino is the most promising candidate for the dark matter.
The almost pure Higgsino, however, is known to be a very challenging target at the LHC.
I will show that improvement of tracking technique of disappearing tracks can significantly increase the sensitivity for the Higgsino.
I will also discuss a future 33 TeV collider can probe the 1 TeV Higgsino, which is the most interesting for the thermal relic density.

Presentation type

Parallel talk

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