

SUSY Dark Matter at the LHC?!

Tuesday 26 August 2025 14:00 (20 minutes)

For the first time the two big LHC experiments, ATLAS and CMS, report consistently about excesses in the search for EW SUSY particles, seen in two different search channels by each experiment. We interpret these excesses as the production of two light MSSM particles, decaying to Dark Matter (as naturally predicted by the MSSM). These interpretations make clear predictions for future collider experiments, but also for the next round of (Xenon- and Argon-based) Direct Detection experiments.

Collaboration you are representing

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