

SUSY 2024

Theory meets Experiment

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Consistent excesses in the search for $\tilde{\chi}_2^0 \tilde{\chi}_1^\pm$: MSSM implications

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We discuss the various excesses observed consistently between ATLAS and CMS in the search for $pp \rightarrow \tilde{\chi}_2^0 \tilde{\chi}_1^\pm$. We analyze the MSSM scenarios that can accommodate these excesses, as well as their phenomenological implications for current and future colliders.

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