

8th RED LHC workshop



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SUSY searches at the LHC: Consistent Excesses at ATLAS and CMS

We review recent searches for SUSY at the LHC in the channel $pp \rightarrow \tilde{\chi}_2^0 \tilde{\chi}_1^\pm \rightarrow Z \tilde{\chi}_1^0 W^\pm \tilde{\chi}_1^0$. For masses at ~ 200 GeV and small mass differences between the lightest and next-to-lightest SUSY particles these searches show consistent excesses at ATLAS and CMS. We interpret these excesses for the cases of wino/bino Dark Matter and higgsino Dark Matter.

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