

Abstract Submitted
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Glينو Mass Reconstruction in the Focus Point Region at the LHC MICHAEL VANDYKE, WILL FLANAGAN, ALFREDO GURROLA, ABRAM KRISLOCK, NIKOLAY KOLEV, TERUKI KAMON, BHASKAR DUTTA — The focus point region of the minimal supergravity (mSUGRA) motivated model at the LHC is characterized by gluino pair production with multi-jet and multi-lepton final states. In particular, the final states with top quark and W boson will be the primary focus. In this talk, I will discuss the detection of W boson and top quark using di-jet and three jet analysis. Finally, I will show the reconstruction of the gluino mass from the final states.

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