



Contribution ID: 251

Type: **Parallel contribution**

Search for GMSB SUSY and extra dimensions in diphoton+missing ET and Z+photon+missing ET final states at D0

Wednesday 10 August 2011 15:20 (20 minutes)

We report the result of two searches for final states with either two photons and large missing transverse energy or with a Z boson, a photon and large missing transverse energy, using data collected with the D0 detector at the Fermilab Tevatron collider and corresponding to integrated luminosities of up to 6.3 fb^{-1} . The result of these searches are interpreted in the framework of gauge mediated supersymmetry models and in models with extra dimensions and limits are set on the parameters of these models.

Author: XIE, Yunhe (Fermilab)

Presenter: XIE, Yunhe (Fermilab)

Session Classification: Beyond the Standard Model

Track Classification: Beyond the Standard Model