

CMS

 $L = 19.5 \text{ fb}^{-1}$ $\sqrt{s} = 8 \text{ TeV}$

Events / 15 GeV

 $\gamma\gamma + \mu$

● Data

■ Non-higgs SM bg

■ SM higgs

Signal

- - - $hW, m_{\tilde{\chi}_1^\pm} = 130 \text{ GeV}$ - - - $hh, m_{\tilde{\chi}_1^0} = 130 \text{ GeV}$ - - - $hZ, m_{\tilde{\chi}_1^0} = 130 \text{ GeV}$ $\frac{\text{Data}}{\text{Prediction}}$ $E_T^{\text{miss}} \text{ (GeV)}$ 