Mass scales [GeV]

Summary of CMS SUSY Projections with SMS

- $\tilde{\chi}_1^\pm\tilde{\chi}_2^0 \rightarrow WZ\tilde{\chi}_1^0\tilde{\chi}_1^0$
- $\tilde{\chi}_1^\pm\tilde{\chi}_2^0 \rightarrow WH\tilde{\chi}_1^0\tilde{\chi}_1^0$
- $\tilde{g}\tilde{g} \rightarrow ttt\tilde{\chi}_1^0\tilde{\chi}_1^0$
- $\tilde{g}\tilde{g} \rightarrow qqq\tilde{\chi}_1^0\tilde{\chi}_1^0$

Probe *up to* the quoted mass

Mass scales [GeV]

- 5σ discovery: 14 TeV, 3000 fb⁻¹
- 5σ discovery: 14 TeV, 300 fb⁻¹
- 95% CL limits: 8 TeV

Summary of CMS SUSY Projections with SMS

Preliminary