Summary of CMS SUSY Projections with SMS

- $\tilde{\chi}_1^\pm \tilde{\chi}_1^0 \rightarrow WZ\tilde{\chi}_1^0\tilde{\chi}_1^0$
- $\tilde{\chi}_1^\pm \tilde{\chi}_1^0 \rightarrow WH\tilde{\chi}_1^0\tilde{\chi}_1^0$
- $\tilde{g}\tilde{g} \rightarrow tttt\tilde{\chi}_1^0\tilde{\chi}_1^0$
- $\tilde{g}\tilde{g} \rightarrow qqqq\tilde{\chi}_1^0\tilde{\chi}_1^0$

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

Probes *up to* the quoted mass

Mass scales [GeV]