

**CMS***Work in progress*13 TeV, 137.62 fb<sup>-1</sup> $\sigma(Z+\Phi\Phi)\times\text{BR}(\Phi\rightarrow\gamma\gamma)$  [pb]

- Observed
- Expected
- $\pm 68\%$  Expected
- $\pm 95\%$  Expected

 $m_\Phi = 40$  GeV $\text{BR}(\Phi\rightarrow\gamma\gamma)=0.5$ 