

**CMS Preliminary**

$L = 2.70 \text{ fb}^{-1}$  (13 TeV)

$\sigma(pp \rightarrow X \rightarrow HH \rightarrow b\bar{b}\gamma\gamma)$  [fb]

$pp \rightarrow X \rightarrow HH \rightarrow b\bar{b}\gamma\gamma$

Spin-0 Resonance

..... Bulk Radion,  $\Lambda_R = 1 \text{ TeV}$

---●--- Observed 95% upper limit

— Expected 95% upper limit

█ Expected limit  $\pm 1\sigma$

█ Expected limit  $\pm 2\sigma$

$10^2$

10

1

300

400

500

600

700

800

900

$M_X$  [GeV]

