

**ATLAS** Simulation Internal  
 $\sqrt{s} = 13\text{TeV}$ , 2017 43.65 fb-1  
Low  $p_T$  category, Signal Region

- Single Higgs background
- HH  $\kappa_\lambda = 1$
- HH  $\kappa_\lambda = 10$

Events

200

400

600

800

1000

1200

$m_{HH}$  [GeV]

