## Weekly report

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## PDF uncertainty

mass	260	300	400	500	non-resonant
uncertainty	0.068	0.068	0.073	0.073	0.083

• The uncertainty of SM Higgs is coming soon.

## Next step

- Help Fangyi check the upgrade study.
- Follow the plan of HGam Coupling: improve the VBF analysis for new data!
- finish Bruce's work : contamination of  $Sh(\rightarrow WW)$