

Possible contents for YR5 for ggF

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- **N3LO PDF**
 - Meeting to get started with activities under organization (ideally, 26th June)
- **Boosted Higgs**
 - Possible contribution also for $H \rightarrow cc$
- **NLO EW corrections**
- **Mass corrections (now known: m_T , mixed m_T/m_b , \overline{MS})**
- **Cross-sections for Run4**
 - higher precision xsec and BR for run4
- **STXS 1.3 (?) or fiducial differential predictions**
 - From experimental point of view, would be very useful to have FO predictions per STXS bin (as VBF plans) and harmonized uncertainty scheme (to be derived by ATLAS + CMS WG1/WG2 like for 1.2)
 - Open point: will this enter YR5?

Before YR5 → smaller and faster contribution to update cross-sections for Run3