

Introduction



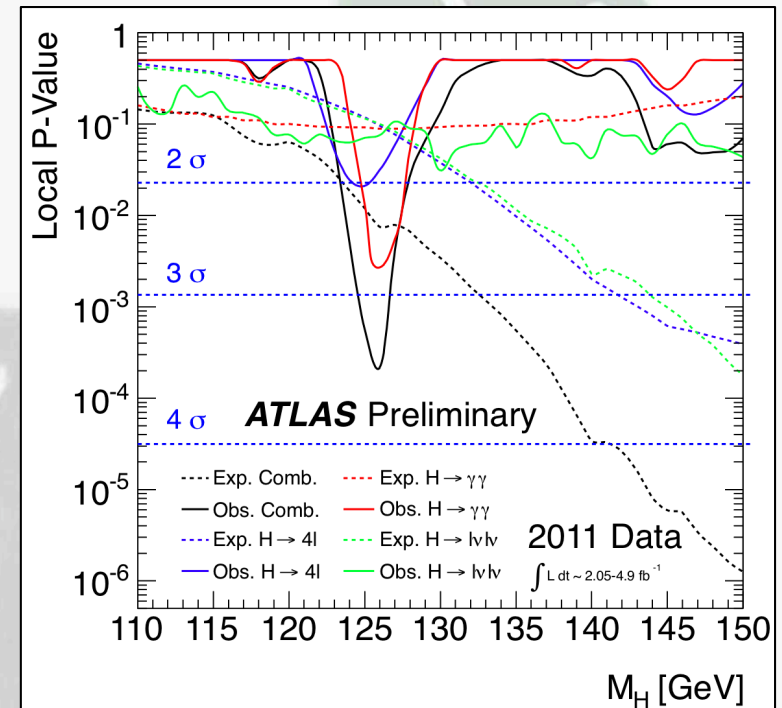
Ricardo Goncalo
HSG5 H- \rightarrow bb weekly meeting, 5 January 2012

Happy New Year!

Very interesting year ahead!

Lots to do!

- Analyze 2011 data before new data:
 - H→bb paper for Moriond
 - Boosted VH analyses
 - ZH→vvbb analysis
 - ttH analysis (news today)
 - VBF analysis
 - Help answer the 126GeV/c² question!
- Use new data optimally:
 - Can freeze “2011” analyses we will have at the time and run on new data
 - And at the same time build improved analyses – time for multivariate methods



Moriond...

- We have a few weeks to get analyses ready - Higgs approval on the 1st week of February
 - WH/ZH- \rightarrow llbb unboosted analyses not far away, but some features remain to be understood
 - ZH- \rightarrow vvbb and boosted analyses are likely candidates – but a lot to do!
 - Current plan is to aim for a H- \rightarrow bb paper collating these analyses
 - Turn a paper draft into CONF note if needed
- Remaining analyses keep working and aim for notes after Moriond – 5fb⁻¹ analysis will become less interesting as we get close to 10fb⁻¹ around Summer