# Weekly meeting

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# Validation task

- The problem left in the last week is settled down.

  the reason is some important files has not been added in that package.

- Now it is in the next step to set up a function.

# H->WWgg

- Is in the optimization to improve the significance.

- The bkg caused by  ZH channel is 0.0461773 and it was  0.103295 in the last time.

# Roohist factory

10 times
- expected limit (+2 sig) 10.6908
- expected limit (+1 sig) 1.89822
- expected limit (median) 1.89474
- expected limit (-1 sig) 1.89474
- expected limit (-2 sig) 1.61962

15 times
- expected limit (+2 sig) 2.23905
- expected limit (+1 sig) 2.10862
- expected limit (median) 1.75798
- expected limit (-1 sig) 1.47368
- expected limit (-2 sig) 1.14293

50 times
- expected limit (+2 sig) 1.36575
- expected limit (+1 sig) 0.979857
- expected limit(median) 0.684951
- expected limit (-1 sig) 0.509886
- expected limit (-2 sig) 0.44374

100 times
- expected limit (+2 sig) 0.828564
- expected limit (+1 sig) 0.648302
- expected limit(median) 0.414252
- expected limit (-1 sig) 0.298462
- expected limit (-2 sig) 0.202442