

# HSG5

- WH/ZH for CERN council
- Note editors:
  - Giacinto agreed to be “external” editor
  - I asked Paul and Andy who would be “internal” editor: Paul agreed to be editor but they propose that Andy is also editor in case Paul is not available...
- Editorial board: Pippa Wells, Elzbieta Richter-Was, Christian Weiser
  - Not useful yet to invite them to the meeting this week... hopefully in 1 week
- Monte Carlo:
  - Signal: some signal samples starting to be produced (only 3 or 4 samples)
  - Backgrounds:
    - Many priority 0 samples finished (probably with menu v2 and old conditions?)
    - Would like to have AFII Wbb samples produced asap (end of this week)
- Combination:
  - Lianliang and Silje taking care of this – status shown by Lianliang last week
- Remaining questions:
  - Issues with MET?
  - Anything else?
- Other analyses:
  - ZH→vvbb: meeting with Ac.Sinica, Liverpool/Birmingham, IFAE last Friday
  - Zvvbb+jets/Zvv+jets MC requests to come soon
  - SUSY samples for Zννbb have  $p_T > 20\text{GeV}$  filter – Jake checking if we need new ones
  - Paul Thompson will study Sherpa option for new samples
  - Mario Martinez will look into Herwig diboson samples (with vv final state)
  - Initial cut-flow comparison exists, as well as data-driven QCD estimation (s)
  - Will divide into 3 MET bins [120GeV~160GeV], [160GeV~200GeV], [200GeV~]
  - NN energy correction tool for b-jet energy scale