

# APC team news - 17/11/2021

- Working on 2 topics for Snowmass
  - mH and total ZH cross section on recoil
    - moving to newest MC generators (moved to KKMC; now planning to reweigh KKMC to Whizard using dimuon pT)
    - Decouple mass and xsection analyses (tighter cuts for mass to further suppress backgrounds and simplify fit)
    - Investigate moving from cut-based selection to BDT
  - H->bb/cc/gg
    - Moving to centrally produced MC samples and jet clustering/tagging