

# Next todo list for July-Aug 2015

- Dedug implemented muel, mutau, elmu, tau^2 channel - Cutoff followed recipe <https://twiki.cern.ch/twiki/bin/viewauth/CMS/HiggsToTauTauWorking2015> Alexis Kalogeropoulos
- Signal MC study - Study effect of min/max mixing vs stau\_L stau\_R Alexis Kalogeropoulos - Build several benchmark points and study parton level & GEN/RECO quantities
- Start porting to 74x - Use 745 and follow [https://twiki.cern.ch/twiki/bin/viewauth/CMS/MultivariateElectronIdentificationRun2#Recipes\\_for\\_74X\\_Phys14\\_MVA\\_train](https://twiki.cern.ch/twiki/bin/viewauth/CMS/MultivariateElectronIdentificationRun2#Recipes_for_74X_Phys14_MVA_train) as well as new miniAOD twiki recipe <https://twiki.cern.ch/twiki/bin/view/CMSPublic/WorkBookMiniAOD2015>
- Study new EI & Photon-MVAIDs
- New ntuples then -
- GEN level validation Alexis Kalogeropoulos,Alexei - Determine signal efficiency and compare against RECO one