

Updates on activities.

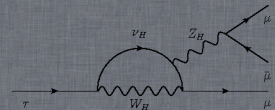
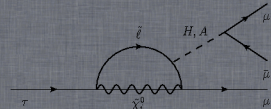
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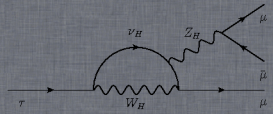
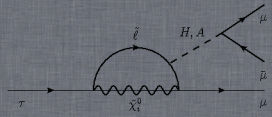
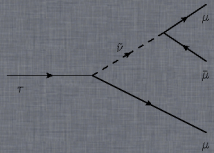
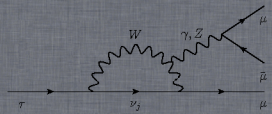
13th August 2013



University of
Zurich ^{UZH}



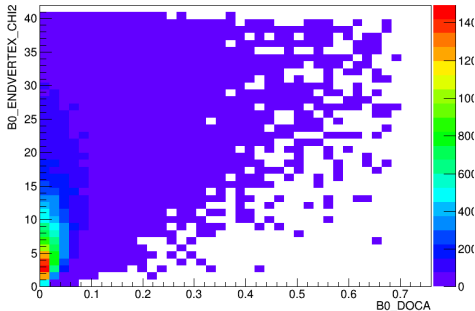
MC for EW penguin



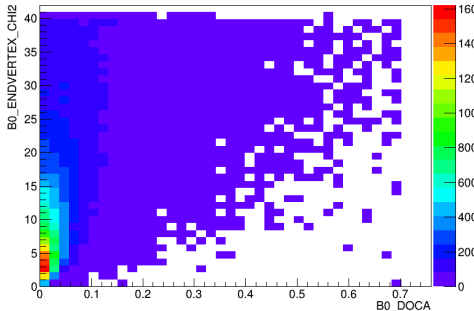
MC for EW penguin

- 1 How serious is the $DOCA < 0.3mm$?.
- 2 Lets have a look at Krakow(since last week Zurich) MC:

B0_ENDVERTEX_CHI2:B0_DOCA ((B0_DOCA<0.7)&&nCandidate==13)&&nCandRej==13)&&nCandRej==13)



B0_ENDVERTEX_CHI2:B0_DOCA ((B0_DOCA<0.7)&&nCandidate==1)



MC for EW penguin

- 1 Is our background really 2 muons?
 - After stripping:
 - 0.96 has 2 muons.
 - 0.999 has at least one real muon.
 - Perfect :)

MC for EW penguin

- 1 Solved normalization problem for Jon.(He was not truth matching candidates).
- 2 Finished producing Krakow/Zurich cc MC.
- 3 All signal ntuples for normalization are finished.
- 4 Over night making full sample of *bb* ntuples.
- 5 Found a possible tool for Bayesian limit combination.(BAT- Bayesia Analysis Toolkit).