

Status of Recent activities

'09 12/10 Y. Takubo (Tohoku U.)

Status of my activities

- $ZH \rightarrow ZWW^*$
 - The angular distribution of two decay planes is compared between ILD data and pythia data.
 - DST file of pythia data was prepared.
 - Question: Can MC true distribution be checked for stdhep files of ILD data? (Is Higgs already decayed in the stdhep file?)
- $ZHH \rightarrow qqbbbb$
 - Reconstruction of 6f data with the flavor tagging trained at 140 GeV is tried by using GRID.
 - GRID does not work (The job does not finish).
- Performance check of LCFIVertex for ilcsoft v01-07.
 - Simulated bb/cc/uds samples were prepared by Miyamoto-san.
 - Reconstruction is ongoing.