

Software Coordinator's report

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ILD Software and Analysis Meeting

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News from the last soft. conveners meeting
before summer break
held last week (18 July)

- Issues related to the isolated lepton tagging
 - Theta $\sim 36^\circ$: Some TPCSimuTrackerhits were not produced due to short MaxStepLimit used in DDSim.
==> Fixed and committed to the repository
 - Theta $\sim 55^\circ \pm 5^\circ$: Problems to create muon PFO.
 - No PFO though MarlinTrack and CalHits exists
 - 2 PFOs were created from CalCluster and MarlinTrack separately.
 - ==> Rec. sub-group is investigating the problem.
 - Re-production of existing samples in short term is not foreseen.
Hope to be able to manage in user analysis
- LCFIPlus:
 - Crash when no primary vertex:
==> Fixed and committed to the repository
 - Tagging eff. : See Masakazu's report today
- 1 TeV reconstruction:
 - Simulating GuineaPig events for BCAL BG map. Required for 1TeV production.

- MC Production:
 - $H \rightarrow bb/cc/gg$: vvh request received.
 - $h \rightarrow bb$: L(200k), R (20k), $h \rightarrow gg$: L(30k), R(10k), $h \rightarrow cc$: L(30k), R(10k)
==> Preparing the generator samples for the production.
 - np-vlowdm-higgsino:
==> Preparing the generator samples for the production
- Software convener's meeting will restart in late August.