

# Software Coordinators Report

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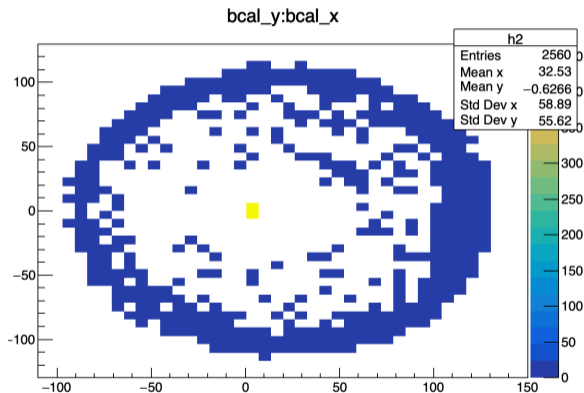
ILD SW&Ana Meeting, May 22, 2019

- Generator
- Simulation
- Reconstruction
- Preparation of a future 250 GeV production

- seg fault when running Whizard 1.95 (DBD version)
- trying to compare cross sections for 1 TeV 6f samples w/ nunuqqqq
  - JT observed a factor 2 difference in this cross section
  - goal: high  $Q^2$  WW samples for Jakob's **IDR** benchmark analysis
  
- started to sketch out a naming convention for 250 GeV samples
  - replace 6f\_ttbar with e.g. 6fbbww
  - introduce e.g. 2f\_lf, 2f\_cc, 2f\_bb

- nothing to report today

- observe issue with re-reconstruction of ILD\_I5\_v02 mono-photon samples
  - added correct BeamCal pairbg-map
- currently not reproducible by experts
  - **under investigation**
  - should try to fix this in time for **IDR**



- still pending issues w/ photon reconstruction
  - DJ will investigate these soon
- some other issues.eg. mu reconstruction need to be addressed
  
- proposal for simulation:
  - use ILD\_I5\_v02 for simulatio
  - use ILD\_I5\_o1\_v02 for reconstruction
  - keep  $O(10\%)$  or less of REC files - store DST
  
- planning to make a a very first test production w/ 4f samples to exercise new production scripts etc. . .