

Assumptions

- Software group provides the framework for reconstruction
 - Assume this is (or will be) fully functional
 - Assume simulations are handled in the same way as data
- Calcom group provides the calibrations
 - Assume the calibration procedures are standardized
 - We might need additional corrections that come later in the analysis chain
- Reconstruction -> HIPO file -> post-processing -> DST
 - During post-processing, apply momentum corrections, fiducial cuts, etc.
 - This step (and after) is where the ACE is focusing.

Categories of Recommendations

- Data cooking:
 - Calibration procedures are being discussed by CalCom
 - Data skimming: what variable should be kept for the DST?
 - How loose should the cuts be for, say, electron ID?
- Data corrections:
 - Which ones should be done as post-reconstruction?
 - Energy loss corrections, momentum corrections, loose fiducial cuts?
- Simulations:
 - What should be done post-gemc and before reconstruction?
- Radiative corrections:
 - how to calculate/correct these?