

BCAL Reconstruction Summary

- Basic code structure in place and able to reconstruct photons
- Multi-particle final states that include hadrons lead to too many reconstructed clusters
- Some preliminary work (Will L.) indicates this can be cleaned up some using cuts
 - Multi-Variate Analysis (e.g BDT) is likely the right tool, but has not been implemented or tested yet
- Systematic effects on shower position have been simulated and tabulated (Andrei S.) but not applied to the reconstruction
- Stochastic resolution effects due to sampling fraction dependence on energy and position have been tabulated (Andrei S.) but not yet applied to the smearing