

### Short term tasks (done by April 30) – suggested names

- Analyze 4.7 GeV parallel data first: all detectors working, low background, stable conditions
  - Start with runs 72993-5 with Slow Raster OFF on C target
    - Timing alignment of Tracker and Lucite (name?)
    - look into ADC cuts on cherenkov to clean up (Whit?)
    - target position reconstruction with tracker and lucite
      - end of run survey report
  - BigCal energy calibration with pi0's (Hoyoung?)
  - implement latest GEp code for cluster finding (Mark & Hovhannes)
  - HMS reconstruction: look at  $W$ , theta, phi, delta distributions, compare with mc\_hms\_single and other montecarlos (Anusha + other(s)?)

### Medium term (3 months)

- Get to parallel raw asymmetries for both 4.7 and 5.9 GeV parallel, corrected for beam and on-line target polarizations
  - use nominal dilution factor to compare with other parallel asymmetry data for  $x(E' > 1.2 \text{ GeV})$

### Longer term

- Start 80° analysis: 5.9 GeV, 4.7 GeV part 2, 4.7 GeV part 1
- Finish parallel
  - off line target polarizations
  - actual dilution factors