Polarized He-3 meeting, April 8th, 2005.

Activities of the Transversity Experiment (E03-004)

Xiaodong Jiang, Rutgers University.

Held a collaboration meeting on March 4th, 2005. On manpower and responsibility assignment:

- Physics and run plan (Lingyan Zhu and Xiaodong Jiang).
- Simulation,background,PID detectors (Xin, Huan, Lingyan, Xiaodong).
- HRS A1/A2, Kaon detection (Lingyan will follow up)
- BigBite beyond Gen. Gas Cherenkov option (Brad Sawatzky, Xiaodong+Bogdan will explore the options).
- Analysis software (Xiaodong).
- Luminosity monitoring and corrections (Xiaodong)
- DAQ and trigger, need somebody from the collaboration to take charge.
- Target, vertical coils, i.e. horizontal coils for vertical field. (Al Gavalya + Jen-Chieh Peng and the UIUC group).

E03-004 Activities

BigBite background rate test scheduled on April 13th, 2005.

- BigBite at 66°. Beam energy 5.7 Gev.
- LD_2 target, 1 to 2 μA beam.
- Measure singles rates in the BigBite detector location as in the SRC experiment setup.
- To compare with simulations and extrapolate to BigBite at 30°.