BLAST Meeting for January 28, 2004

Mechanical – Kelsey

- Still on track to have clean water for next Friday
- Should be able to put some manpower into the south hall next week for detector work
- Plan to install TOF after reassembled, then LADS, Cerenkov, and BAT's

Compton – Bill

- Software is now all in CVS
- An absolute beam helicity record (product of beam and spin flipper) is required

ABS – Genya

- BRP appears to be optically aligned at cold temperatures but the magnetic alignment is not good. This means it will be inefficient for tuning MFT for which we have to use LIGIT
- BRP dipole was assembled yesterday but there is a leak which needs a skilled technician. Also need a tech to lengthen power cables.
- Still need to test when the magnets can be powered
- Hauke is now able to control the transition units according to magnetic field

Accelerator – Tschalaer

- some problem in regulating the temperature of the new coolers which affect the transmitter operation
- will need a couple of days to get the accelerator running to the south hall

Buffer System and Ion polarimeter – Aki

- simulating shielding rather than counteracting the field with a coil
- question of how frequently we use the buffer system to normalize the luminosity

Trigger and CODA – Karen

- new configurations for 2004 in place (see elog)
- ADC thresholds ready and will be implemented to suppress data below threshold
- Discussion on reducing the coincidence window. Wait until beam to get some data in current mode before changing.

Wire Chamber – Doug

- new calibration should be ready by this Friday
- question of poor resolution is being studied. May require running in

normal field and/or zero field

TOF – Tancredi

- need tech to re-assembly TOF which was removed (1/2 day) before it can be put back in
- Peter is analyzing left sector data

Cerenkov – Baris

- Shielding cut but still need mechanical work to built supports and install
- Working on ADC simulation

Neutron – Michael

- Working on timing and threshold calibration
- Waiting for the other two walls to be installed. Procedures in place.

BAT's – Ben

- In the south hall waiting for installation
- Need some cables – talking to Ken Hatch

Analysis – Tancredi

- Next meeting on Friday on campus

Computer farm – Doug

- Computers have arrived but need techs to start assembly
- Have a proposal from Tom to evaluate best way to handle data
- Proposal to have automatically started and stopped runs for every fill. Advantages are small run sizes for analysis and coordinate runs with fills and spin flips. Operator intervention at start and stop has to be minimal.