Cherenkov

- working on optics for Cherenkov detector
- working with vendors to locate source for aspherical mirrors
  - Eagle Glass looks promising: sample requested
- BigBite frame (Al, Doug)
  - looks like we're sticking with the existing frame
  - 46 cm of 'usable' depth (vs. 60 cm assumed earlier)
    - translates to ~20 p.e. / track estimate, still OK
- SANE Cherenkov in construction phase
  - gives us 'prototypes'/'spares' for many parts

Drift Chamber Electronics

- Investigating rate issues with DC TDCs (v767)
  - issues at start of GeN run severely aggravated by misbehaving cards on first chamber
    - rate issues solved after switch to 1877s
- v767 appear strictly limited to
  - 33 MHz rate per 32 channels, regardless of TDC programming
- Why are the FB 1877s 'immune'?
  - Or, how do they really handle extreme rates (what is their failure mode).
- Is there a compelling reason for v767s?

Upcoming

- complete Cherenkov design, order mirrors
  - develop C_4F_{10} gas system
- work on BigBite detector stack and DAQ once equipment moved from Hall
  - need personnel to help move equipment to testlab after GeN(?)