Beam Line Controls

- Control System will be ACNET
  - EPICURE has been retired
- During the last Tev fixed target run readout/control of most of EPICURE's beam line hardware through ACNET was achieved.
- Some work still has to be done to make the conversion complete
  - A SWIC display program is needed
  - ACNET front end support for motor control module 1045 needs to be completed
  - A beam line "autotune" program needs to be written
  - Everything will be revisited

Beam Line Controls

- A lot of work has to be done to bring the beam line controls up
  - New P3 line
  - Changes to the Meson Beam line
  - Trying to assess what needs to be done
- But the basic control system support is there

Effect on Experimenters

- Hardware Timing
  - As in the last fixed target run Tclk is available
  - 1091 Timing cards (pulse on event plus delay) will work as before
  - There will be Tclk events associated with 120 Gev slow spill that experiments can use for triggering
- Experiments will have an ACNET console for beam monitoring
  - Which devices the experiment is allowed to set is to be negotiated

Effect on Experimenters

- Support of fixed target slow spill experiments is new to ACNET---so there may be missing facilities. We need your input on what facilities you need.
- Most devices are parameter pageable
  - Repetitive reads and reads on events are supported
  - Reads on event plus delay are not supported
- EXPORT facility (beam line data transfer to experiment's DAQ)
  - Present version sending data to D0
  - Need your input on what types of data you want