4/8-Pack Controls
Topics

- SLC-Micro + Crates
- Subsystems in the SLC arena
- EPICS work
- Overall manpower estimates
- Overall coarse schedule
SLC Micro and CAMAC

- New SLC Micro TA08
- Three timing crates
- Mostly SAMs, IDIM/IDOM and PDUs
- Much empty space at onset
Subsystems in CAMAC

- Vacuum System support
- Temperature readouts
- SLED Feedback
- Diagnostics Instrumentation
- All timing signals
Miscellaneous

- Ethernet Switch
- UPS for the VME crates
- Terminal Server for remote terminals
- NCDs or PCs in the rack area
- CUDs for the NLCTA/8-Pack control room
- Unix Workstation(s)
Interface Groups for ESD Software

- LLRF
- Allen/Bradley PLC
- NLCTA operations
- NLCTA diagnostics
- Hardware side of ESD
- SCS
Work requiring significant software effort

- VME/EPICS hardware, interfacing, and processing work
- EPICS displays and CUDs
- SLC-system database, panels, etc.
- EPICS Archiver Development (separately underway)
Available Software Resources

- SLC system based work
  Database group
  Subsystem experts

- EPICS system based work
  3(+1) Hardcore
  Several peripheral

- 3-4 person years needed over next six months