FTPC Software Status

J.Seyboth - June 27, 2001

Offline Software

- **MDC4 Summary**

  - first large scale experience with slow simulator and cluster finder
  - identified and corrected software bugs
  - $\sim$ 14500 reconstructed MEVSIM events
    - 738 global FTPC tracks/event
      - fit without vertex constraint
    - 541 primary FTPC tracks/event
      - fit with vertex constraint (dca < 1.0 cm)
  - updated set of QA plots for FTPC

- **post-MDC4 To Do List**

  - implement StAssociationMaker (tracking acceptance and efficiency)
  - add pile-up to fast/slow simulators (pp runs)
  - implement FTPC V0 finder

Preparing for Real Data

	Status
• Pad monitor (J. Klay, A. Schuettauf)	operational
• Slow Control (G. LoCurto)	operational
• Calibration	work in progress

- Pedestals
- Gain
- t0
- Drift velocity
    * Magboltz calculations
      (H. Huemmler)
    * Drift velocity monitor - Goofie III
      (A. Gaertner, T. Morgan,
      T. Titz)
    * Laser beams
    * Charge step
      (H. Huemmler)

• FTPC Daq readers	
− zero suppressed	operational
− raw data	operational

READY and WAITING for REAL data !

- complete calibrations

- tune cluster finder and tracker

- improve chisq calculation

+ SURPRISES ?