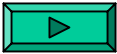
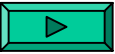
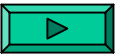
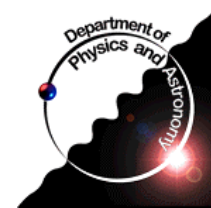


# Status of the hec\_adc package

- Version 3.12 pre-release available
- Code updated for Aug 2001
- Include burst info in event header common block
- Treatment of new scaler block (id = 38)
  - new online monitoring histograms
- Digital filtering weights timing adjustments for aug01
  - tdc wrap-around-constants set to 1324 
  - dig\_t\_total set to -21.0ns in dig\_weights\_amp\_aug01\_010826.dat 
- Correction to beam chamber decoding (minor effect)
- Correction to tdc treatment in online monitoring
- Improve HV map and statistics handling
- Include block statistics for slow control blocks
- Web pages updated 

S. Chekulaev  
M. Lefebvre



# Status of the hec\_adc package (continued)

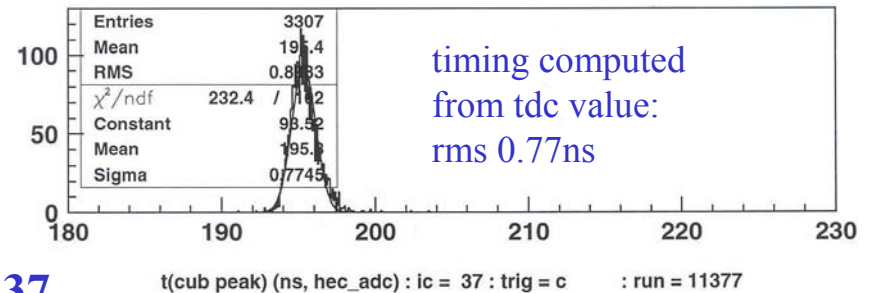
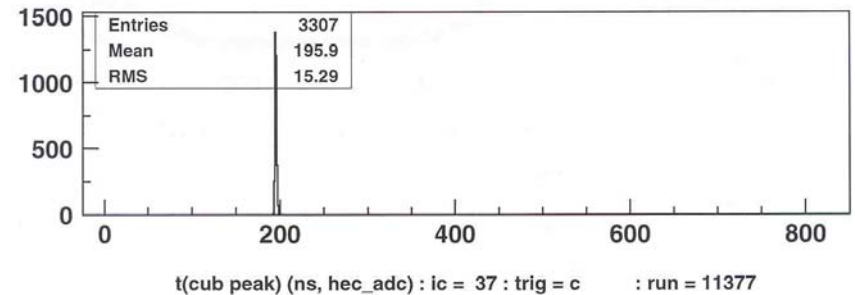
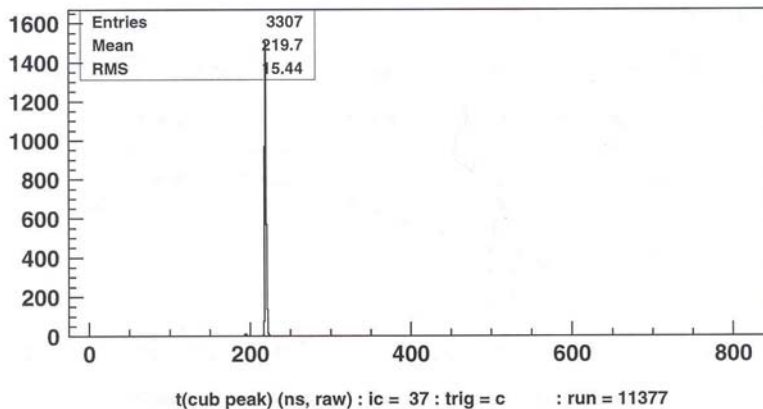
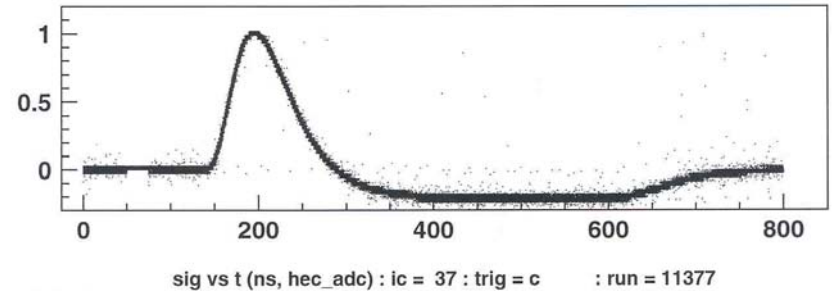
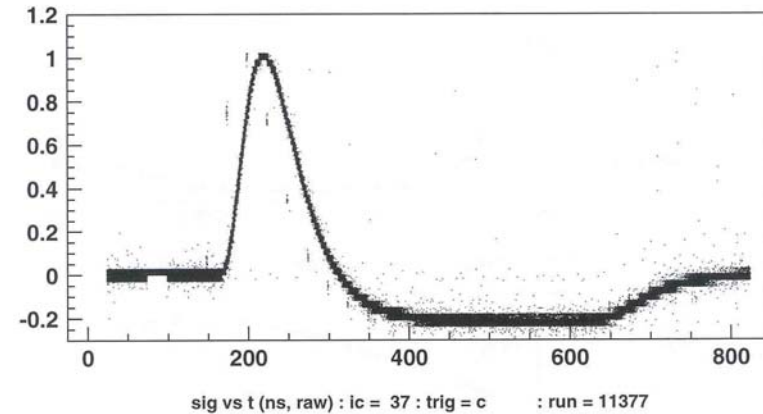
Wrap-around-constant set to 1324

Raw

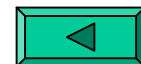
2001/09/06 21.21

Corrected

2001/09/06 21.21

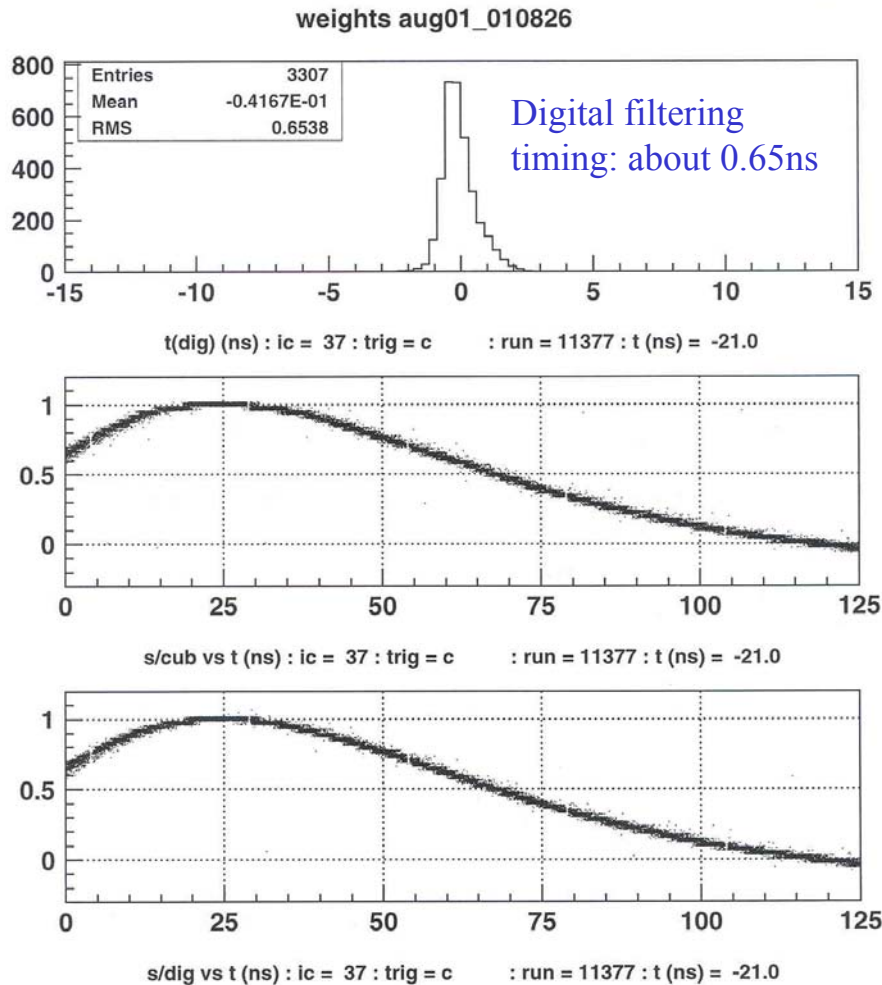


Run 11377 100GeV electrons hitting cell 37



# Status of the hec\_adc package (continued)

2001/09/06 21.21



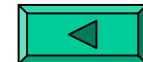
Run 11377 100GeV electrons  
dig\_t\_total adjusted to -21.0ns in file  
dig\_weights\_amp\_aug01\_010826.dat

adc 37 / cubic fit max

adc 37 / digital filtering max

**All seem to work well...**

Similar results for run 11388  
100 GeV pions

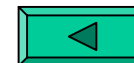


# Status of the `hec_adc` package (continued)

## Web pages updated

- [http://wwwhep.phys.uvic.ca/~uvatlas/hec\\_adc](http://wwwhep.phys.uvic.ca/~uvatlas/hec_adc)
  - Code downloads for all `hec_adc` package versions
  - a web based `hec_adc` code road map (Margret F.)
  - a user package to compute the wrap-around constants (`wac`) values for a run (see download area) (Aureli M.)
  - info on the `epio` format (Sepp H.)
  - info on the `atlas-larg-hec-adc-sw@atlas-lb.cern.ch` mailing list
- <http://wwwhep.phys.uvic.ca/~uvatlas/hec>
  - Online run summaries and beam period run summaries

Please report bugs as soon as possible!



# Status of the `hec_adc` package (continued)

## **Towards final 3.12 release**

- Wait for more weights files and calibration files
- Wait for more input on wac values
- The `hec_adc` package good functioning relies on your input!!!
- Comments welcome!!!