

The Tracker-TOF connection

- The idea: to exchange high-level results from the analysis of the '03 test-beam.
- The procedure: exchange of ASCII files containing processed information.
- Information is provided in a event-by-event basis using the common event number; selection info is desirable (quality of the event, quality of the reconstruction).
- Schedule: next weeks; April TIM to show first results...

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RICH (test-beam '02) ASCII file

- 1) common event number
- 2) reconstructed beta
- 3) refitted beta
- 4) charge estimator
- 5) most probable charge
- 6) wire chamber x particle position
- 7) wire chamber y particle position
- 8) track reconstruction flag (0 for WC rec.; 1 for RICH pattern recognition rec.)
- 9) event reconstruction flag (perpendicularity)
 - Description of the flags
 - Sample analysis usage of them

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TOF

- Contact people: Diego Casadei; Francesca Giovacchini; Alberto Oliva
- Agreed to provide (for each counter and common event):
 - Real charge estimation.
 - Most probable integral charge and Gaussian probability.
 - Quality flags (flawed charge estimation; time measurement deviation).

The Tracker-TOF connection

Tracker

- Contact people: Chih-Sun Lin; Daniel Haas.
- Agreed to provide:
 - reconstructed charge and error;
 - (track info, quality flags also desirable).