
Subject: Re: alternative to LHE tracking

Posted by [Lia Lavezzi](#) on Sun, 19 Dec 2010 11:21:54 GMT

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Quote: The STT hits are fitted with the wire position and the drift distance to the wire since a long time. Can an STT expert maybe point out the corresponding reco hit class for Radek? Christian is right, the helix hits were necessary for LHE, not for genfit.

To run the Kalman with the PndSttHits, the PndSttRecoHit class (GenfitTools/recohits) with the ctor:

```
PndSttRecoHit(PndSttHit *currenthit, TClonesArray *tubeArray)
```

has to be used (where tubeArray is the array of tubes obtained from the map creator).

As Stefano pointed out this is already there in the PndRecoKalmanFit.cxx, so I think you can just run the PndRecoKalmanTask after you PR to have the Kalman results.

Cheers,
Lia.
