
Subject: Re: new features in GENFIT

Posted by [Stefano Spataro](#) on Wed, 24 Jun 2009 10:44:18 GMT

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Hi,

I am currently upgrading lhetrack in order to use PndTrack and PndTrackCand.

It is not so clear to me why the constructor of PndTrack needs FairTrackParP instead of the common FairTrackPar. In the case of helix tracks, it could be more convenient to use FairTrackParH, then I have not understood this change.

And another question: genfit needs a starting "Track" and spits out a "Track". If I check PndGenfitAdapters I can see the following functions:

```
PndTrackCand* GenfitTrackCand2PndTrackCand(const TrackCand*);  
TrackCand* PndTrackCand2GenfitTrackCand(PndTrackCand*);  
PndTrack* GenfitTrack2PndTrack(const Track*);
```

I can see the converter PndTrack -> Track is missing, which should create the initial "Track" for genfit. It is planned to create such kind of adapter, or should the "developer" of its kalman task take care about the proper "Track" construction?
