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Subject: PID package

Posted by [Stefano Spataro](#) on Mon, 03 Aug 2009 16:25:29 GMT

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Daer all,

the new version of the PID package is inside the trunk, as described some EVO meetings ago. This will replace the old PndLhePidMaker and the PndMicroWriter.

At the moment only the correlation part is implemented, filling the so called PndPidCandidate (not yet inherited from TAbsMicroCandidate).

If you want to try it, just check macro/pid, and add the run\_pid\_tpc.C macro after reco. You can use as starting track the prefit track from lhe (as in svn) or the refitted one by genfit. In this case, you have to modify one line and write "LheGenTrack" instead of "LheTrack":

```
PndPidCorrelator* corr = new PndPidCorrelator();  
corr->SetInputBranch("LheGenTrack");
```

If you have other TCA made of PndTrack objects, you can also set the name of your TCA. The PidCorrelator is independent on the tracking algorithym.

Still the correlation code needs some improvements, but at least it seems to work.

Feedback is welcome

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