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Subject: new code released for tpc

Posted by [Sebastian Neubert](#) on Sun, 03 Jun 2007 21:06:42 GMT

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Hi!

There is now a subdirectory in tpc called tpreco. It contains code which is compiled into libtpreco.so and provides a first track reconstruction for the tpc.

I have reimplemented a conformal map track follower following the star papers. However I use genfit to do the fitting in the conformal space and up to now I only use the x'/y' plane not s/z. Furthermore up to now track-pieces are not merged.

Some quick checks with two-pion events show that the track finder works. Of course there is a universe of tuning still ahead.

Well at least its a step forward .

CU Sebastian.

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