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Subject: Modifications in Kalman

Posted by [Stefano Spataro](#) on Mon, 18 Mar 2013 16:49:39 GMT

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Dear all,

I have added inside the PndRecoKalmanTask the possibility to switch ON/OFF the back propagation of the track parameters from the first point of the track to the Interaction Point (at present this is done always), before the fit.

This can be done in the reco macro, with the function:

```
PndRecoKalmanTask::SetPropagateToIP(kTRUE/kFALSE);
```

This can be useful for the FTS tracking standalone.

it would be interesting to study the difference in performances with and without the backpropagation.

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