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Subject: Re: Macros for Mvd+Stt Pattern Recognition  
Posted by [Gianluigi Boca](#) on Wed, 08 Dec 2010 13:58:22 GMT  
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Gianluigi Boca wrote on Mon, 06 December 2010 23:26hallo,  
you can find in the new directory

`$VMCWORKDIR/macro/sttmvdtracking`

three macros for generating, digitizing and reconstructing events.

In particular in `runreco.C` you can find the Task for Pattenr Recognition with Mvd + Stt

In short time `runreco.C` will be expanded to include also the Kalman filter track fitting.

Please try it and report any problems you may encounter

Gianluigi

I uploaded a new veriosn of the same  
`$VMCWORKDIR/macro/sttmvdtracking/runreco.C`  
with also the Kalman filter.

Also Lia provided the Macro  
`$VMCWORKDIR/macro/sttmvdtracking/checkmomentum.C`  
to plot the reconstructed momentum after the Pattern Recognition but BEFORE the  
reconstructed momentum after the Kalman filter.

Gianluigi  
Kalman filter and the

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