
Subject: Secondary track finder ?

Posted by [Ajay Kumar](#) on Mon, 12 May 2014 05:04:22 GMT

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Dear PandaRooters,

I want to know about the availability of secondary track finder task since I have to do secondary tracking for my analysis.

Is there any task available inside pandaroot to perform this job now?

Subject: Re: Secondary track finder ?

Posted by [StefanoSpataro](#) on Mon, 12 May 2014 12:43:50 GMT

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We have an algorithm which works only with STT and it is not fully validated. maybe the Riemann Track finder should do the job for you, or you could use the ideal pattern recognition to be safe.

Subject: Re: Secondary track finder ?

Posted by [Ajay Kumar](#) on Wed, 28 May 2014 19:15:18 GMT

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Dear Stefano,

Thanks for your quick reply and sorry for delay response too. I have used Riemann Track finder earlier to find the tracks with secondary vertices as Tobias suggested to me. but last time it had a crash. the conversation link is below.

https://forum.gsi.de/index.php?t=msg&goto=15515&#msg_15515

Now I have to check it again.

As you suggested for the safety, I could use the ideal pattern recognition.

Is it better then the Riemann Track finder to find the secondary tracks??

Where I can find the Ideal pattern recognition task? Is it already inside the standard reco macro?

Since I want to be much sure about the better secondary track finder before the generation of Events.

Please give me your valuable suggestion by which I can improve my analysis results.

Thanks in Advance.

Subject: Re: Secondary track finder ?

Posted by [StefanoSpataro](#) on Wed, 28 May 2014 19:38:58 GMT

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In macro/run there is recoideal_complete.C with the ideal tracking.

Subject: Re: Secondary track finder ?
Posted by [Ajay Kumar](#) on Fri, 30 May 2014 13:24:51 GMT
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Hello Stefano,

I have started reconstruction with the ideal track finder task as you suggested and its running without any problem.

Thanks again for your kind reply.
