
Subject: Re: Vertex Fitter in Fast simulation
Posted by [donghee](#) on Tue, 01 Apr 2014 09:21:22 GMT
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Hi,

I have same question, what Elisabetta pointed out.
Your suggestion is not correctly working for composed candidate as like D+.
GetPosition() of D+ is everytime equal to zero, no meaning at all.

Let assume

I have three different tracklet for D+ decay into K- pi+ pi+, each composite track has different positions.

After composition to D+ we have total 3 varied positions according smearing of track smearing.

Quote:

```
RhoCandidate *dpk = dp[j]->Daughter(0); //  
TVector3 dpVtx1 = dpk->Pos();  
RhoCandidate *dppi1 = dp[j]->Daughter(1); //  
TVector3 dpVtx2 = dppi1->Pos();  
RhoCandidate *dppi2 = dp[j]->Daughter(2);  
TVector3 dpVtx3 = dppi2->Pos();
```

where, dp = composite candidate list for D+ -> K- pi+ pi+

Best wishes,
Donghee