Subject: Re: Obtain Raw Info from Calorimeter (old GetMicroCandidate from TCandList class)
Posted by Klaus Götzen on Tue, 15 Apr 2014 17:50:18 GMT

Hi Mamen,

as I wrote (and as it is written in the docu Stefano linked to), you have to cast the FairRecoCandidate (= base class) to the PndPidCandidate to access the full functionality. I.e. to access the EMC specific stuff, you need the cast, since the FairRecoCandidate knows about momentum etc, but not about detector specific information.

Therefore it might be more clear to create first a proper pointer to the PndPidCandidate and use it afterwards. You could also try a construction like

cout<< "GetEmcIndex() -> "<<
((PndPidCandidate*)negative[j]->GetRecoCandidate())->GetEmcIndex() <<endl;

but actually, I don't know whether it works, and it looks quite ugly...

Best,
Klaus