
Subject: Re: Obtain Raw Info from Calorimeter (old GetMicroCandidate from TCandList class)

Posted by [Mamen](#) on Tue, 15 Apr 2014 16:42:50 GMT

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Thanks Stefano and Klaus,

GetRecoCandidate somehow works, however, there is still something which is not really working.

Although i can see the method GetEmcIndex() defined in the code here:

<https://subversion.gsi.de/trac/fairroot/browser/pandaroot/trunk/pnddata/PidData/PndPidCandidate.h>

I get errors when I run the analysis:

Test code:

```
cout<< "GetEmcIndex() -> "<< negative[jj].GetRecoCandidate().GetEmcIndex() <<endl;
```

Error:

Warning: wrong member access operator '.' ana_complete.C:157:

Warning: wrong member access operator '.' ana_complete.C:157:

Error: Can't call FairRecoCandidate::GetEmcIndex() in current scope ana_complete.C:157:

Possible candidates are...

(in FairRecoCandidate)

(in FairMultiLinkedData)

Error: non class,struct,union object GetRecoCandidate() used with . or -> ana_complete.C:157:

GetEmcIndex() -> (class G__CINT_ENDL)26133456

*** Interpreter error recovered ***

And it breaks...

Other methods, like for example:

```
negative[jj].GetRecoCandidate().GetMomentum().Mag()
```

work instead:

Code, commenting out the other line:

```
cout<< "GetMomentum() -> "<< negative[jj].GetRecoCandidate().GetMomentum().Mag()
<<endl;
```

some of the outputs inside the loop:

....

```
GetMomentum() -> 0.883354
```

```
GetMomentum() -> 0.976688
```

```
GetMomentum() -> 1.15377
```

```
evt 500
```

....

(of course I'm just printing it out on screen as a control sequence)

Somehow it looks to me like some kind of bug(?), or am I still doing something wrong?

Thanks again!

Cheers,

Mamen
