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Subject: Question about DSK PID detector at PANDArOOT

Posted by [donghee](#) on Wed, 17 Oct 2012 08:07:11 GMT

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Dear PANDAUUsers,

I wondering about Drc and Dsk software structure!

In suggested simulation macro, I have seen Dsk and Drc as like following

Quote:

```
PndDsk* Dsk = new PndDsk("DSK", kTRUE);
Dsk->SetGeometryFileName("dsk.root");
Dsk->SetStoreCerenkovs(kFALSE);
Dsk->SetStoreTrackPoints(kFALSE);
fRun->AddModule(Dsk);
```

```
PndDrc *Drc = new PndDrc("DIRC", kTRUE);
Drc->SetGeometryFileName("dirc_io_p0_updated.root");
Drc->SetRunCherenkov(kFALSE); // for fast sim Cherenkov -> kFALSE
fRun->AddModule(Drc);
```

But Digi macro, only hit producers of DRC is introduced

Quote:

```
----- DRC hit producers -----
PndDrcHitProducerIdeal* drchit = new PndDrcHitProducerIdeal();
drchit->SetVerbose(iVerbose);
fRun->AddTask(drchit);
```

There are no DISK part at all in the digitization.

Is DRC not involved our PID?

Is planned to put it in someday later?

Best wishes,

Donghee

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Subject: Re: Question about DSK PID detector at PANDArOOT

Posted by [StefanoSpataro](#) on Wed, 17 Oct 2012 09:54:16 GMT

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Disc is used in PID but w/o digitization, you don't have to care.

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