

---

Subject: Re: Geometry file for Dch at simulation  
Posted by [donghee](#) on Sat, 23 May 2009 09:39:40 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

Dear Stefano,

Thank you for your kind help in every time, even though it is weekend.

If I use dch.geo, I couldn't have any reasonable output.  
You are correct. I'm using now dch.root without Dirc part.  
Because if I add Dirc, I cannot do continue.  
You also mentioned, probably MDT should be something wrong.  
I have to check which combination will work!

Now main issue in this time is that how can I run with  
MDT, Dirc, Dch and Gem detector

You can find my scripts for MC simulation.

Up to now, I didn't try the GEM, DCH and in addition MDT.

I have successively produced MC study files with Magnet, Cave, TPC, Mvd, EMC, Dirc, Tof  
based on the lhetracking macro.

But I want to put two stuff, namely GEM and DCH as a tracking of forward spectrometer. The  
guide macro for this two stuffs are macro/gem and macro/dch.

I have modified many thing to use GEM and DCH modules.

I try to introduce in my macro following things.

In run, I add GEM(4 staaions), DCH and MDT detectors.

And in digi I produce ideal hit or digi.

Finally, in reco I will perform some kind of kalman fit as showed in example macros.

More news will be come...

Thank you again,  
Donghee

---

### File Attachments

---

- 1) [My\\_dvcs\\_full\\_run.C](#), downloaded 424 times
  - 2) [My\\_dvcs\\_full\\_digi.C](#), downloaded 430 times
  - 3) [My\\_dvcs\\_full\\_reco.C](#), downloaded 428 times
-