
Subject: Bug in DIRC with geant4

Posted by [Stefano Spataro](#) on Tue, 05 Jul 2011 11:36:28 GMT

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I am using the following DIRC initialization:

```
PndDrc *Drc = new PndDrc("DIRC", kTRUE);
Drc->SetGeometryFileName("dirc_I0_p0.root");
Drc->SetRunCherenkov(kFALSE); // for fast sim Cherenkov -> kFALSE
fRun->AddModule(Drc);
```

It seems to work with Geant3, but with geant4 I have the following crash:

```
Info in <TG4RootNavMgr::Initialize>: Creating G4 hierarchy ...
Info in <TGeoManager::ConvertReflections>: Converting reflections in: FAIRGeom - FAIR
geometry ...
Info in <TGeoManager::ConvertReflections>: Done
==> GEANT4 materials created and mapped to TGeo ones...
Cannot make material for volume: BarrelDIRC
Aborting in CreateLogicalVolume()
```

```
*** G4Exception: Aborting execution ***
```

A fix is required, I suppose.
