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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.

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