
Subject: Re: GEANT4 materials

Posted by [asanchez](#) on Wed, 24 Feb 2010 15:37:44 GMT

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Dear Dimitry,
you should first,
modify your data in media_pnd.geo
copper 1 63.54 29. 8.96
 1 1 20. .001
 0

and second, if you are defining the geometry using
root classes, in your detector class(PndEmc.cxx)
at ConstructGeometry()
after

```
FairGeoLoader*geoLoad = FairGeoLoader::Instance();  
FairGeoInterface *geoFace = geoLoad->getGeoInterface();  
FairGeoMedia *Media = geoFace->getMedia();  
FairGeoBuilder *geobuild=geoLoad->getGeoBuilder();
```

you should add the following lines

```
FairGeoMedium *Cu = Media->getMedium("copper");  
Int_t nmedCu=geobuild->createMedium(Cu);
```

i hope it works,
Alicia.
