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Subject: Forward calorimeter

Posted by [Stefano Spataro](#) on Tue, 12 Jun 2007 15:17:40 GMT

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Dear all,

in SVN you can find almost all the EMC directory updated, in order to include the forward calorimeter (now module 5). Even the macros in macro/emc were updated.

Now the geometry can be loaded with the fsc.dat file (only forward calorimeter), or emc\_module12345.dat (with all the EMC modules).

The macro to create the geometry file is macro/fsc/createDatGeometryFile.C .

Digitization and clusterization are working such as in the target spectrometer. The energy in the cluster is quite low (photons at 1GeV -> 300 MeV), it seems in the forward part we have a high energy leak (g3), I do not know if it is correct or not (maybe some wrong media definition?).

I would be happy if some fsc expert could take a look into what is happening, to check if everything is fine or not.

Best regards

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