Subject: Re: Question about geometryversion for EMC
Posted by StefanoSpataro on Wed, 25 May 2011 08:38:55 GMT

Some time ago I have seen that running complete simulation with DPM (10k events), after a while the simulation exits without giving error messages at all. This should be a matter of memory, when it is completely filled (if I remember well).
I have seen that removing the fsc from simulation (emc geometry type 19), this does not happen anymore... My fear that this is connected to the higher number of secondaries, due to the separated physics lists (SetSpecialCuts gMC->SetMaxNStep((int)1E6), or something similar.

Maybe it could be good if a check on the stability for large number of events is performed for such geometry, for sure we want to reduce the risks of crashing macrocand I have taken it out for the TDR production.
Could you please check this point?
Thanks in advance.