Subject: Re: Group velocity for Cherenkov photon propagation in G3/G4
Posted by Mohammad Al-Turany on Wed, 26 Jan 2011 13:53:11 GMT

Hallo Jochen,

in your ProcessHit you can use:

gMC->TrackLength() this will give you the track length from the vertex to the point where you are now (usually border of a step or material)

The VMC do not have any own methods, what ever you can do with native G4 you can do it through the VMC, the question which stay is this also available in G3? if yes then either it is already implemented or can be implemented. If Not one can still use it in G4 and give a warning or what ever in case of G3.

best regards

Mohammad