Subject: Tracklength from GEANE
Posted by Sebastian Neubert on Mon, 14 Apr 2008 13:17:27 GMT

Hi Lia,

I am implementing the function that you get the tracklength between two point on the track at the moment. Concerning this topic I found the follwoing post:

Quote:
concerning geane, in the case of propagation to closest approach to the wire/point, there is a function of CbmGeanePro called GetlengthAtPCA() which returns the track length at the point of closest approach. This returns the complete track length (not only the xy projection).

Concerning the propagation to a defined volume or plane this function does not work, since the variable trklength is not filled.

Indeed if I use GetLengthAtPCA inside GeaneTrackRep (where we only extrapolate to planes) I always get 0.

So how can we have trklength be filled also for propagation to planes?

Cheers! Sebastian.