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Subject: Re: Problems with integer FairTrackPar charge  
Posted by [Lia Lavezzi](#) on Fri, 18 Sep 2009 11:20:43 GMT

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Hi all,

to answer your questions about GEANE: geane is able to track any particle (so also particle with charge different from +1 and -1 and neutral particles).

I will check with prof. Rotondi the interface to be sure that everything works fine: it surely works for charge +1 or -1, it should be working also for other charged tracks (I made a quick test and it seems right) and it surely does not work for neutral particles (since we store as first track parameter  $q/p$  and in that case  $q = 0$ ).

By the side of geane it should be enough to use, as Ralf said, the `TMath::Nint(Float_t)` function if we want to have an integer charge (or to go back to double if we decide to).

Best regards,  
Lia.

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