Subject: Re: Conversion of track parameters Posted by Anonymous Poster on Mon, 13 Jul 2009 10:20:48 GMT View Forum Message <> Reply to Message

GSI Forum

Hi,

dont know if it will help a lot, but it's a start:

SC = FairTrackParH SD = FairTrackParP MARS = master reference system \vec{x} & \vec{p}

The names parabola and helix are questionable and you can ignore them for any practical purposes. What the real difference between SD and SC is, that SD cones from a fixed geometrical plane (the D stands for detector), whereas SC is defined in a plane perpendicular to the track.

Cheers, Christian

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