
Subject: URGENT: geane - coordinate system

Posted by [Sebastian Neubert](#) on Thu, 27 Sep 2007 12:09:32 GMT

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Hi!

The geane coordinate system is different from the panda coordinate system. In geane the beam is going along x: $(x,y,z) \rightarrow (z,y,-x)$

Why is this so? In principle GEANE does not need the information of the beam axis. All relevant information is in the geometry and the field. Both data sets are available in the panda coordinate system. Where are they converted?

Using two different coordinate system creates a mess in the tracking.

Regards, Sebastian.
