
Subject: PndFlukaGenerator and FairPrimaryGenerator
Posted by [Olaf Hartmann](#) on Thu, 15 Jul 2010 07:38:14 GMT
[View Forum Message](#) <> [Reply to Message](#)

Dear all,

I wrote the PndFlukaGenerator files to enable PandaRoot to read events calculated with FLUKA (which itself runs standalone). The code is at the moment available in the svn development branch (<https://subversion.gsi.de/fairroot/pandaroot/development/olaf/pgenerators>).

The particle properties are given to FairPrimaryGenerator

```
primGen->AddTrack(fpid, fpx, fpy, fpz, fvx, fvy, fvz);
```

where fvx, fvy, fvz are the coordinates of the particle's origin.

However, running an example I see

Quote:-I FairPrimaryGenerator: 12 primary tracks from vertex (0, 0, 0)Event Time = 0(ns)

What does (0, 0, 0) mean here if each particle comes from a (slightly) different vertex?

Cheers

Olaf.