
Subject: GLAD magnetic field

Posted by [C. A. Douma](#) on Mon, 08 Feb 2016 14:44:47 GMT

[View Forum Message](#) <> [Reply to Message](#)

I am doing an R3B simulation with the following components:

STaRTrack, DCH, mTOF, MFI, PSP, TOF, VACVESSEL and CALIFA.

Without the GLAD geometry in the simulation, the magnetic field looks fine. But when I add the GLAD geometry to the simulation (even when it is somewhere at the boundary of the world volume), the magnetic field suddenly looks completely wrong (see attached screenshots).

Can anyone help me with this?

Christiaan Douma.

PS: the other screenshot is in a separate message

File Attachments

1) [with GLAD.png](#), downloaded 931 times



Eve Main Window



SetParameters.cpp - KWrite



Simulation - File Manager



Terminal - p2

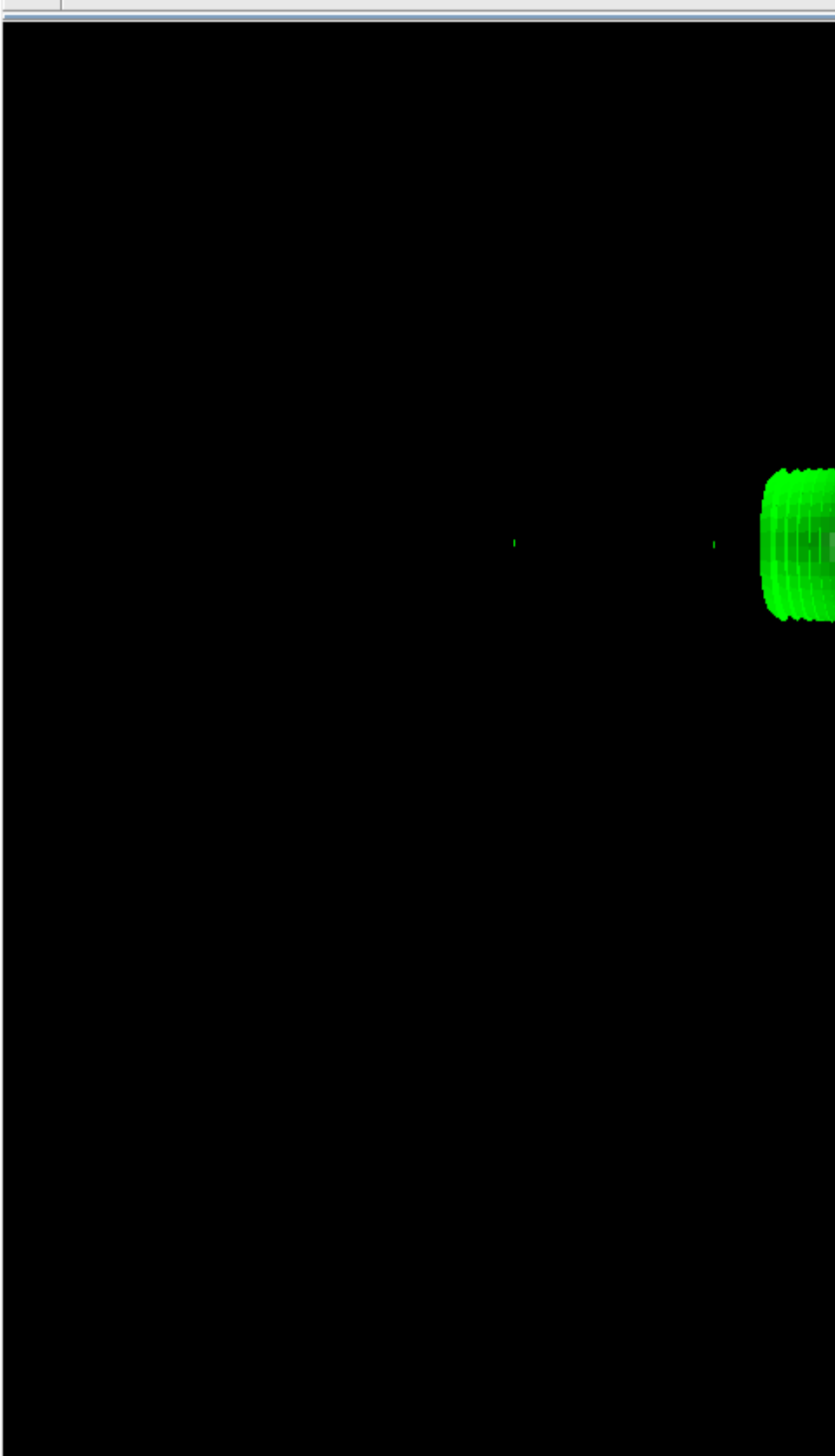
Browser Eve

Eve Files

- ☒ Window Manager
- ☒ Viewers
- ☒ Scenes
- ☒ FairEventManager
 - ☒ proton
 - ☒ gamma
 - ☒ neutron
 - ☒ STaRTraPoint
 - ☒ CaloCrystalHitSim
 - ☒ DCHPoint
 - ☒ TOFPoint
 - ☒ mTOFPoint
 - ☒ MFIPoint
 - ☒ PSPPoint

Viewer 1

Hide



Style Info

FairEventManager [FairEventManager]

Input file : ../Data/MonteCarlo/Double_rur

Run Id : 1454941447

No of events : 1

No. of Nodes : 6839

Current Event: 0

Event Time: 0.00 ns

☐ Primary Only

Select PDG : 0

Min Energy: 0.00

Max Energy: 10.00

Update

Command

Command (local):