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Subject: GLAD magnetic field

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

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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

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#### File Attachments

1) [with GLAD.png](#), downloaded 743 times

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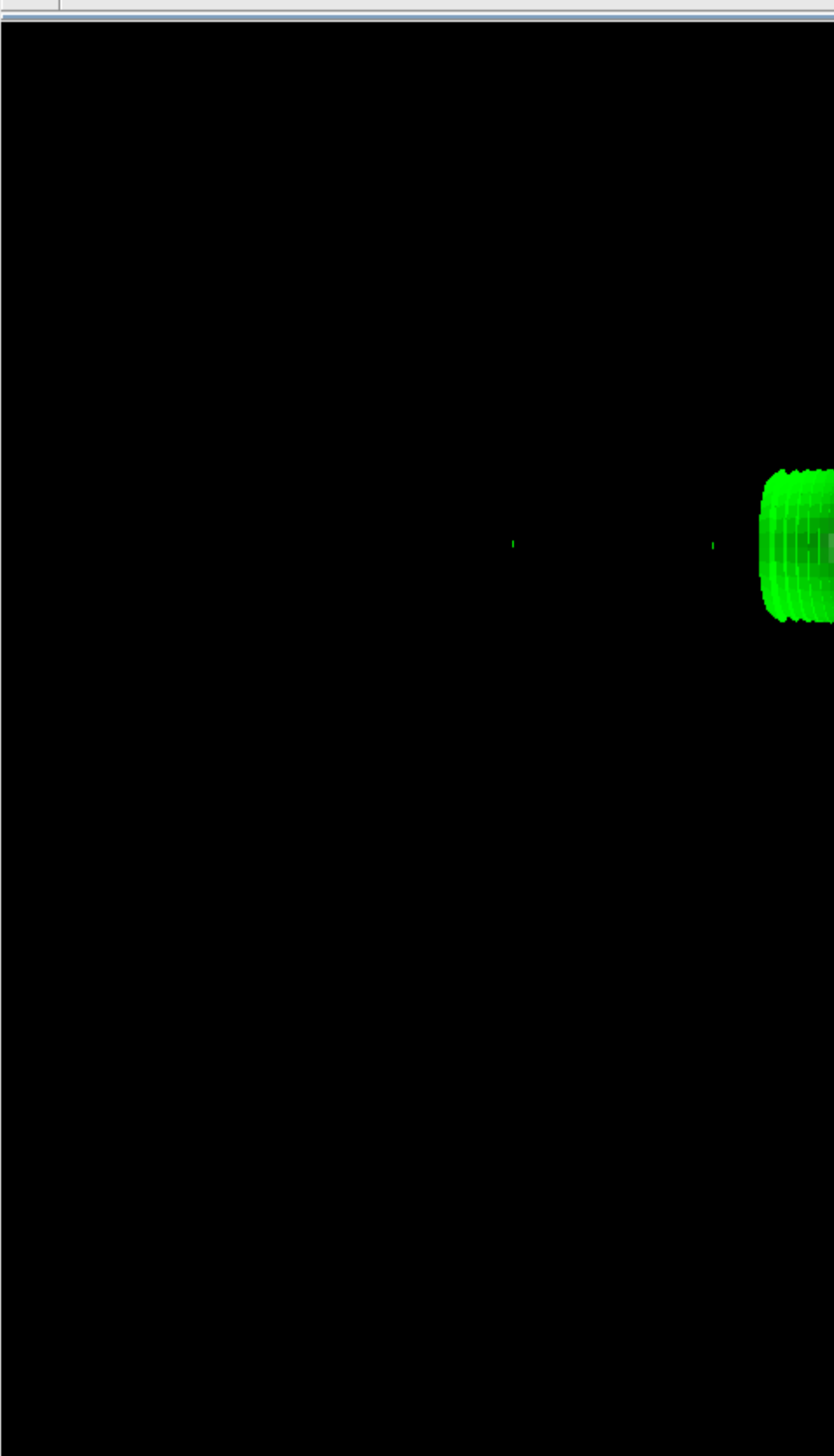
Browser    Eve

Eve    Files

- ☒ Window Manager
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  - ☒ proton
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  - ☒ 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):