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Subject: forward endcap quest goes on  
Posted by [Irina Brodski](#) on Fri, 22 May 2009 12:56:52 GMT  
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Dear all,

i have a problem with the endcap again. It is a shift of 2 quarters of the endcap by a distance of few cm in z direction. It only appears for the positions of clusters and not for hits or digis, also i can not see it in the sim\_emc.root.

the following pictures are from a simulation of photons (1GeV,  $0 < \theta < 25^\circ$ ,  $0 < \phi < 360^\circ$ , geant4, pandaroot\_trunk, standart macros from pandaroot/macro/emc) can anyone explain this?

Thank you for your help in advance,  
Irina

### File Attachments

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- 1) [xyzEmcCluster->Where.pdf](#), downloaded 575 times
  - 2) [zEmcCluster\\_>Where.pdf](#), downloaded 563 times
  - 3) [xyzEmcHits.pdf](#), downloaded 566 times
  - 4) [zEmcHits.pdf](#), downloaded 589 times
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