

# GRID Fields Map in Palmer's Ring

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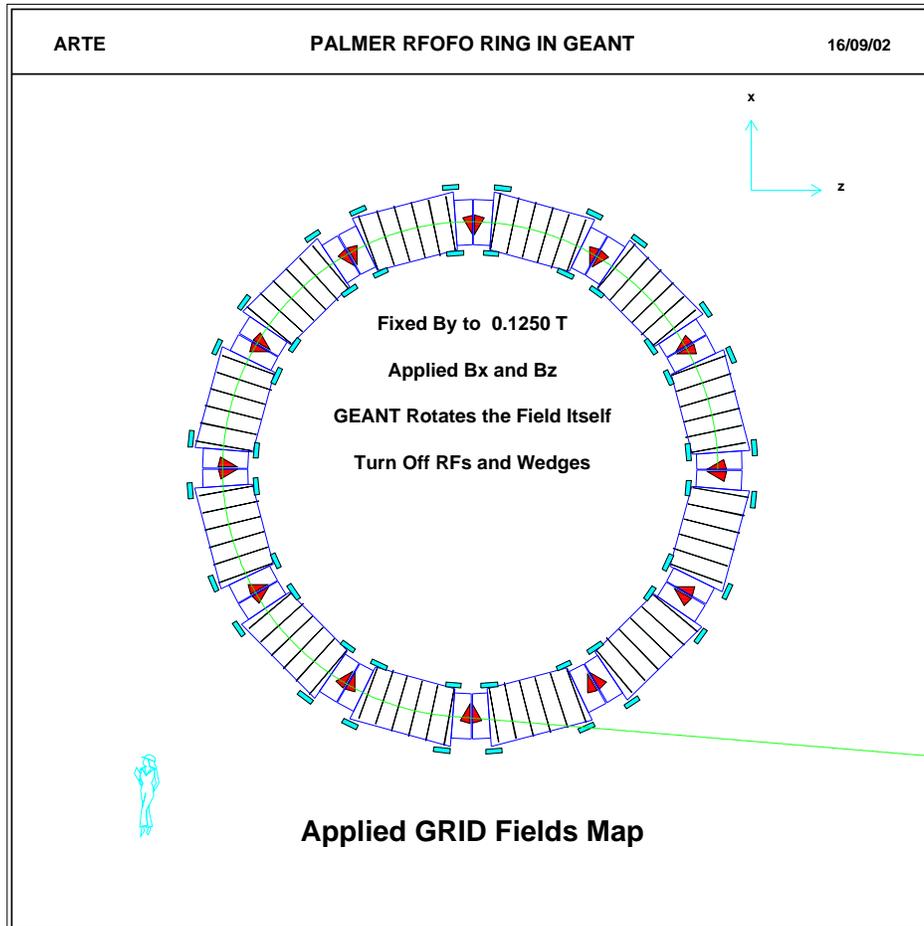
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Ring Coolers Meeting

## Applied GRID Fields Map

- We applied GRID Fields Map:
  - Muon momentum =  $200 \text{ MeV}/c$
  - A constant  $B_y$  field =  $0.1250 \text{ Tesla}$
  - Applied  $B_x$  and  $B_z$  components
  - Turns off RFs and Wedges

Note: One cell is  $2.75 \text{ meter}$  length

# Single Particle in Top View



## Magnetics Fields Around the Ring

- How is the fields around the ring ?
  - Plot X Vs  $B_x$ , Y Vs  $B_y$  and Z Vs  $B_z$
  - Plot  $B_x$ ,  $B_y$  and  $B_z$  wrt S (Path track length)

