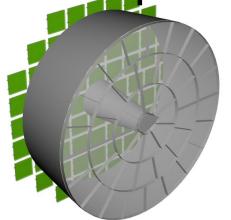
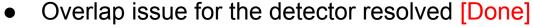
Update on pfRICH DD4HEP Implementation





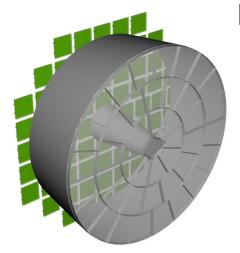
- Issue created [Done]
- Pull request (will be created soon) [Done]

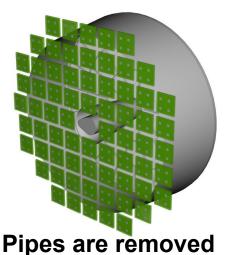


- Acrylic layer overlaps with outer mirror cone (resolved)
- Acrylic layer overlaps with inner mirror cone (resolved)
- Strange issue, 130 cm outer cylinder overlays with the outer layer of the PMTs? (resolved but double checking)
- Cooling pipe and plate overlaps with HRPPD air volume (ignored for now)

```
<polycone
name="world_solid"
aunit="deg" startphi="0" deltaphi="360" lunit="mm" >
<zplane rmin="50" rmax="650" z="-250"/>
<zplane rmin="50" rmax="650" z="250"/>
</polycone>
```

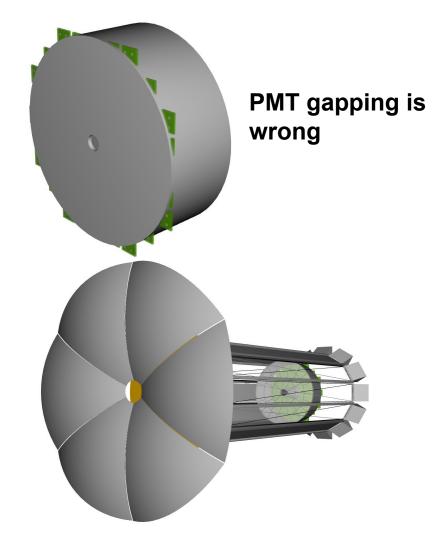
Imported from GDML file. Alarming !!





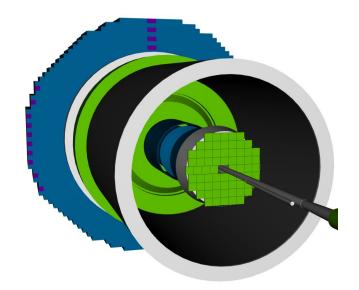
Next step on pfRICH DD4HEP Implementation

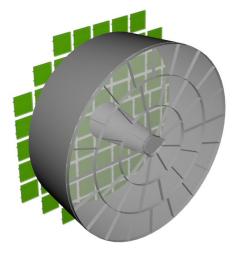
- Double check the dimensions [Done]
 - Move the dimension of world definition to the .cc file
 - Sanity check
- Overall overlap check [Done]
- Create Pull request [Done]
- Cleanup
- Request pull merge



Overlap checks passed

Local and global







- Coding clean up.
- Moving Parameters definition to xml file.
- Readout configuration implementation
- Simulation test.

