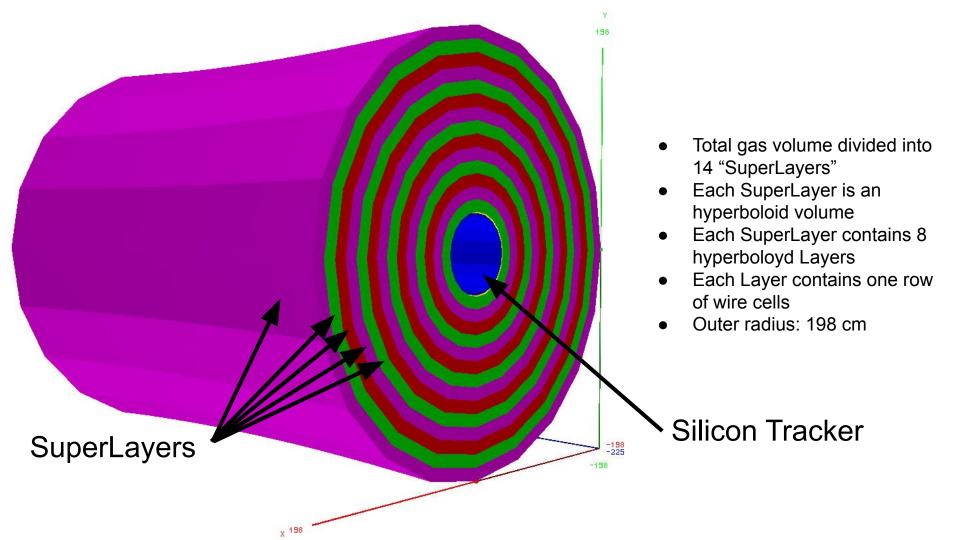
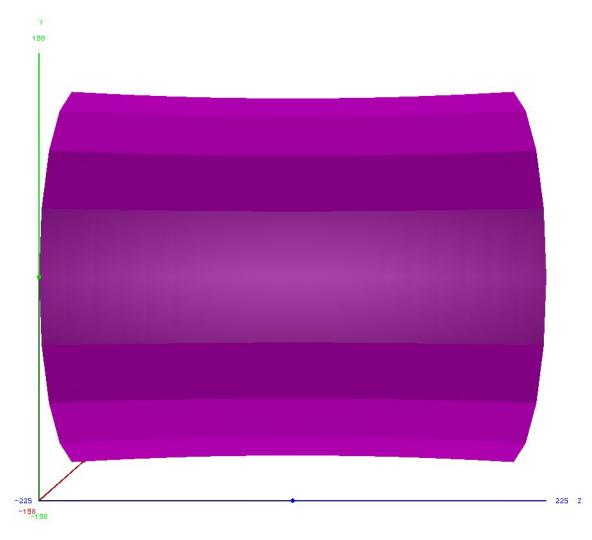
Update on Drift Chamber geometry in DD4hep

Lorenzo Capriotti

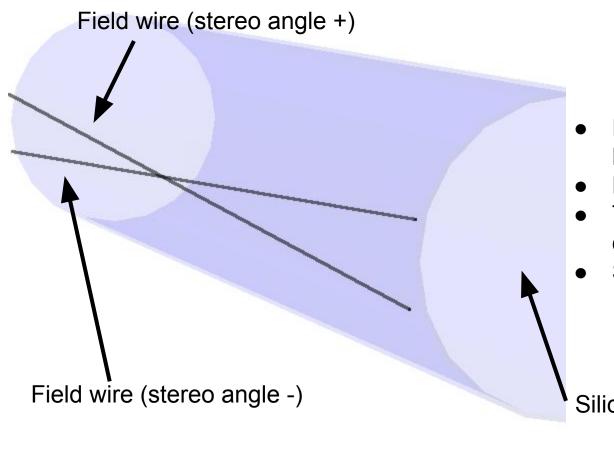
IDEA Physics and Software Meeting

12/10/2022





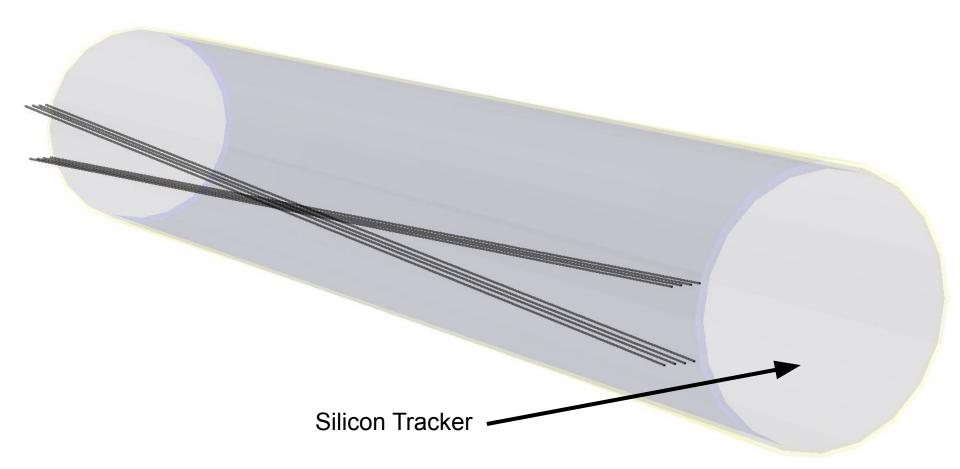
Curvature due to the hyperboloid shape



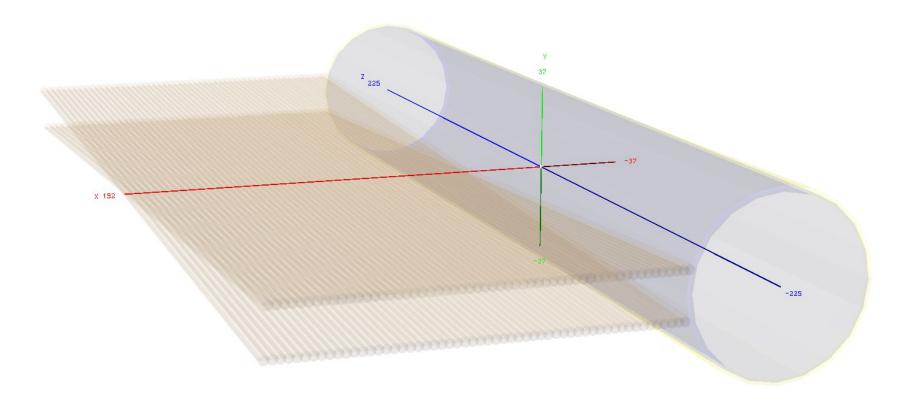
- First 2 field wires in the first 2
 Layers of the first SuperLayer
- Part of the base of wire cell
- Thickness is x1000 for display purposes
- Stereo angle: ± 30°

Silicon Tracker

Field wires of all the 8 Layers of the first SuperLayer



Field wires of all the Layers of all the SuperLayers ($8 \times 14 = 112$ in total)



Proposal for a DetectorElement tree

