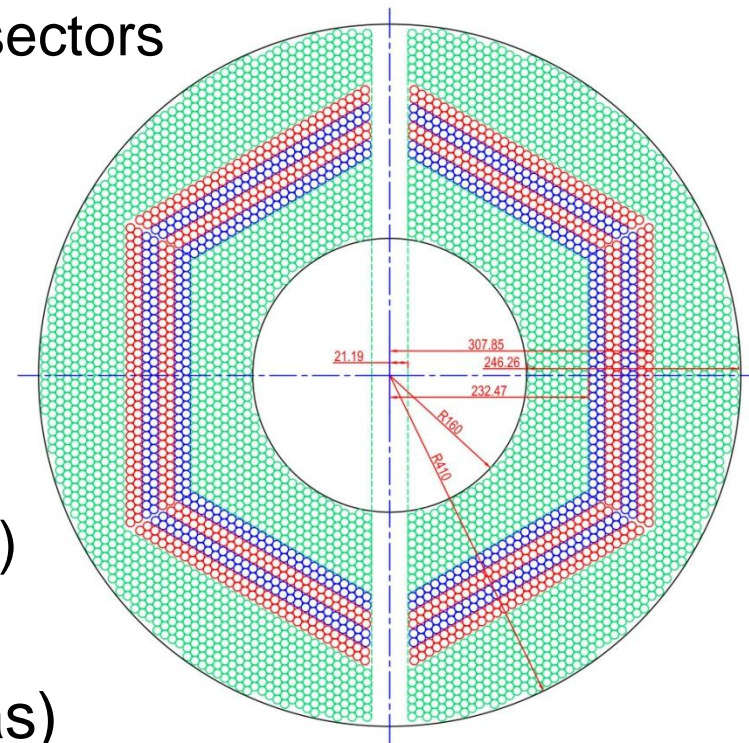


STT Layout

- **4636 Straw tubes**
- Al-mylar: $d=27\mu\text{m}$, $\varnothing=10\text{mm}$, $L=1500\text{mm}$
- **23-27 planar layers** in 6 hexagonal sectors
 - 15-19 axial layers (**green**)
- 4 stereo double-layers for 3D reco.
 - $\pm 2.89^\circ$ skew angle (**blue / red**)
- Time readout (isochrone radius)
- Amplitude readout (dE/dx)
- $\sigma_{r\phi} \sim 150 \mu\text{m}$, $\sigma_z \sim 3.0 \text{ mm}$ (single hit)
- $\sigma_p \sim 1\text{-}2\%$ at $B=2\text{Tesla}$
- **$X/X_0 \sim 1.2\%$** ($2/3$ tube wall + $1/3$ gas)



R_{in}/R_{out} : 160 / 410 mm
 Length: 1500 mm