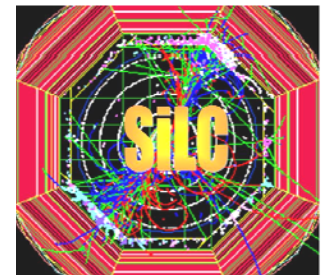




Silicon Tracking In Mokka

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Main Si Tracking components

Silicon Tracking Matrix

Flavor

SIT

ETD

FTD

SET

Magnitude





Implementation

- SIT: 2 barrel detectors Si thickness 275 mk + Carbon Fiber Support - thickness 1mm
- FTD: Seven Disks
 - First 3 pixel technology Si thickness 50 mk + Carbon Fiber support thickness 1 mm ,
 - Last 4 are general Si thickness 275 mk + Carbon Fiber Support 1 mm,
- ETD 3 disks, XUV plane, Si thickness 275 mk + Carbon Fibes Support 1 mm,
- SET 2 barrel detectors Si thickness 275 mk + Carbon Fiber Support 1 mm,





Implementation

- Drivers: SIT, FTD, ETD, SET is ready and implemented in Mokka
- SuperDrivers:
 - SSit02, SFtd02 implemented and included in the DB, but not in the Detector Model LDC01_06Sc_test
 - SEtd02, SSet01 is ready, but not in the DB
- All SuperDrivers is ready and implemented, works with fixed parameters,
- SuperDrivers is modified for the changes in flight, necessary to add the parameters in the sharing parameters table with connection mainly to TPC and ECal parameters.

