

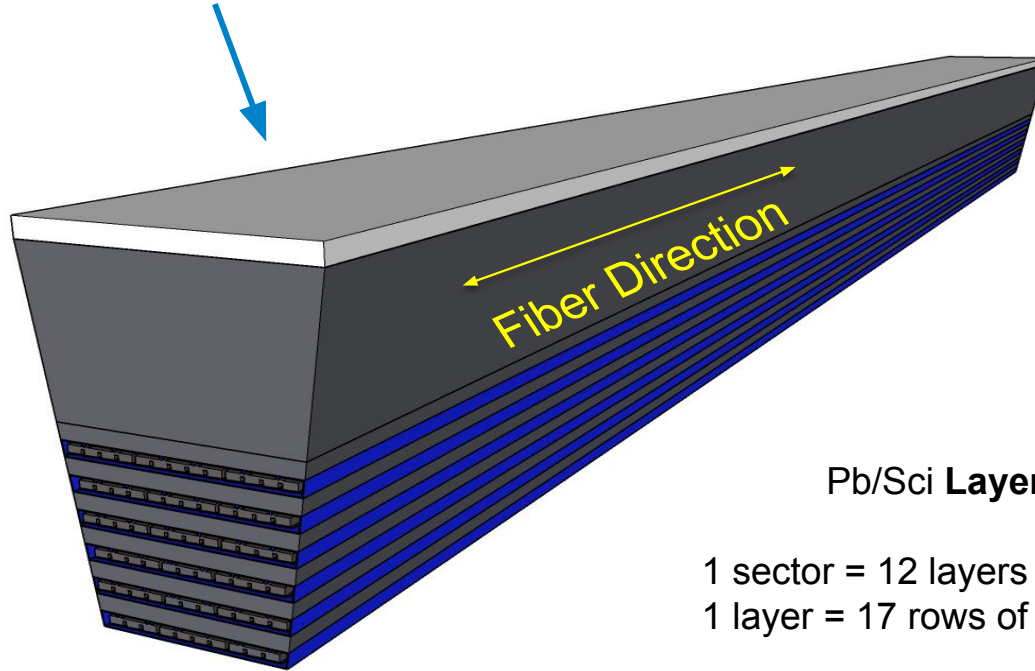
Naming Scheme for the Barrel ECal

*The designs presented on these slides are not final but for illustration only

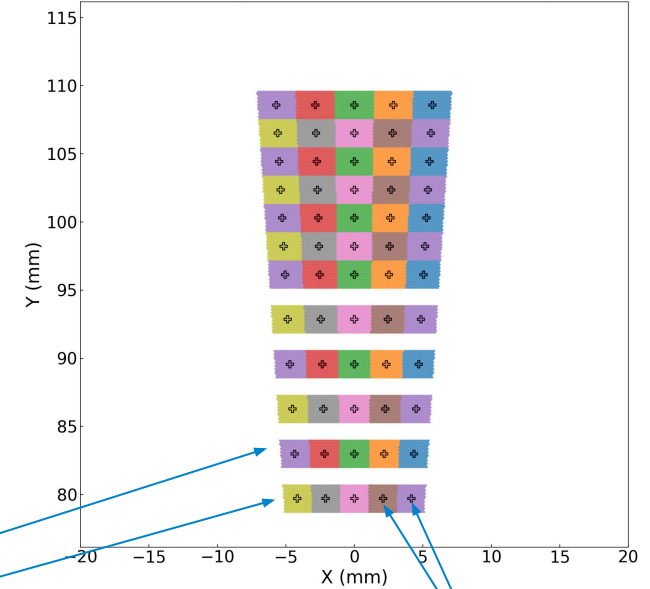
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Sector
Whole Barrel: 48 Sectors



Sector side view

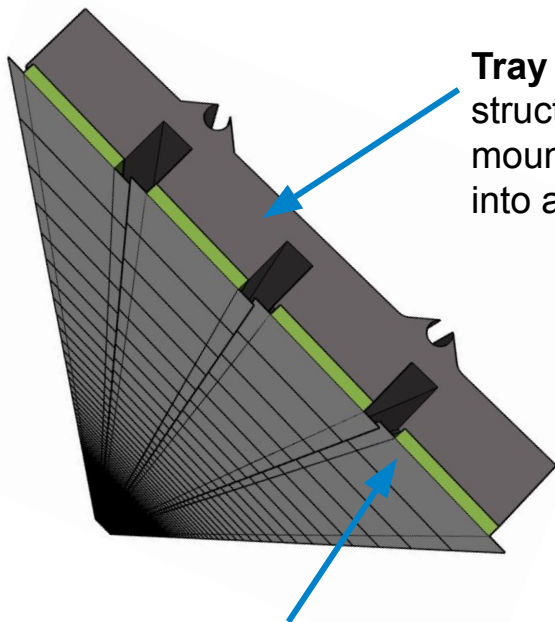


Pb/Sci Layer

1 sector = 12 layers
1 layer = 17 rows of fiber

Readout **Cell**
Layer = 5 cells

The area 1 light guide is attached



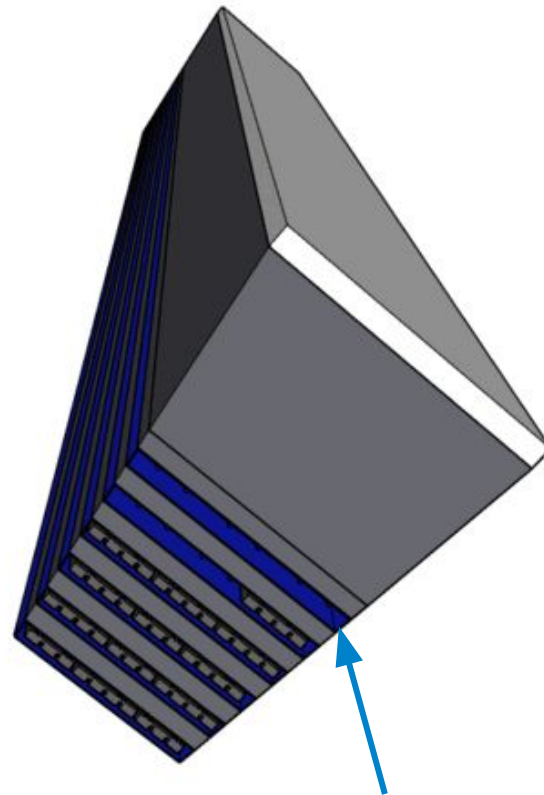
Tray - a carbon fiber structure the staves will be mounted on. It will be slid into a drawer.

AstroPix **Stave**

Consists of 1 x 108 chips with the support structure

AstroPix **Module**

Subset of chips that will be mounted on one stave support structure



Shelf - a carbon fiber structure that is glued to the Pb/ScFi layers, that we will slide trays with AstroPix staves on.