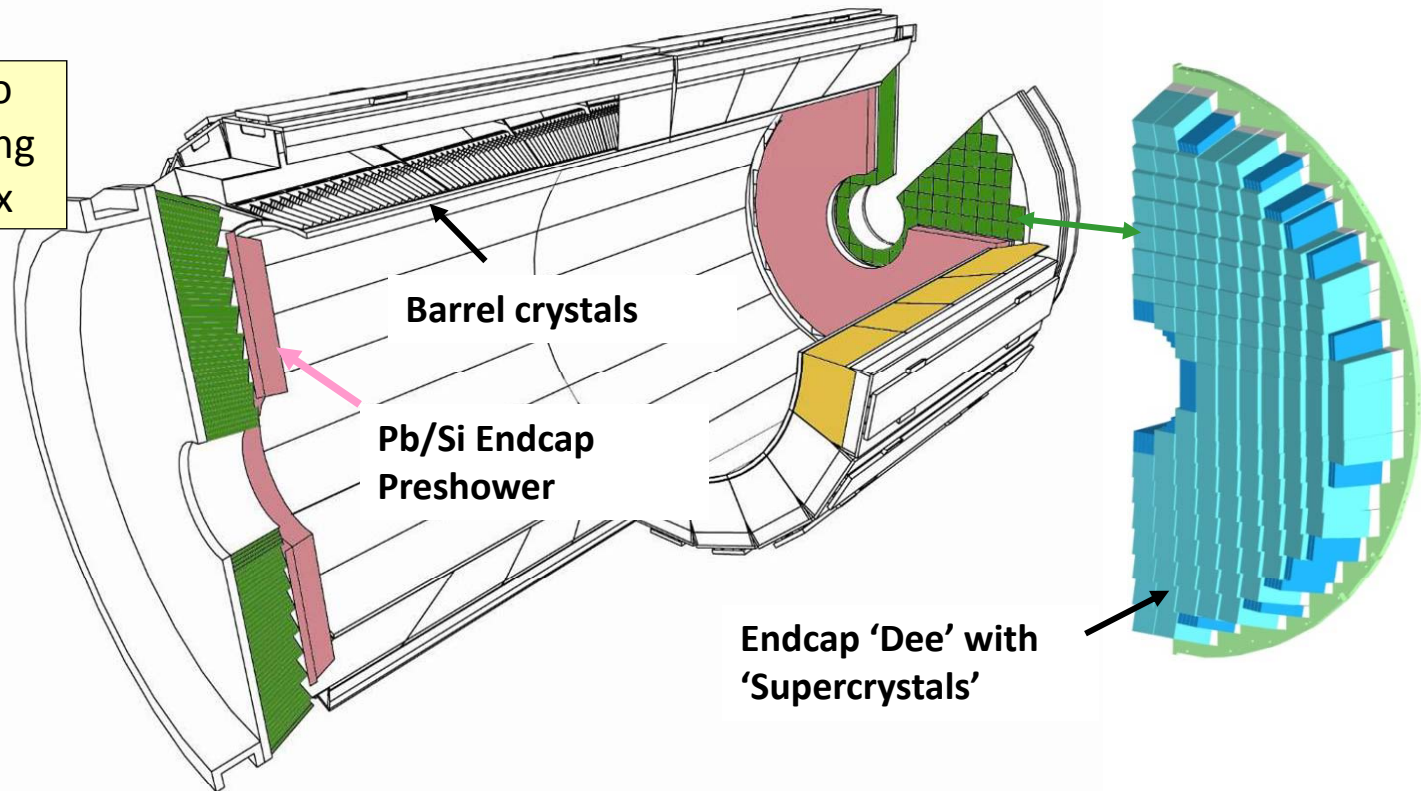


# ECAL Layout

Tapered crystals to provide off-pointing of  $\sim 3^\circ$  from vertex



## Barrel

36 Supermodules (18 per half barrel)

61200 crystals

Total crystal mass 67.4t

$|\eta| < 1.48$

$\Delta\eta \times \Delta\phi = 0.0175 \times 0.0175$

## Endcaps

4 Dees (2 per endcap)

14648 crystals

Total crystal mass 22.9t

$1.48 < |\eta| < 3$

$\Delta\eta \times \Delta\phi = 0.0175^2 \leftrightarrow 0.05^2$

## Endcap Preshower

Pb ( $2X_0, 1X_0$ ) / Si

4 Dees (2 per endcap)

4300 Si strips

1.8mm x 63mm

$1.65 < |\eta| < 2.6$