# PDT Orientation in Space

*A.Maciel (N.I.U.)*
*L2-Muon*

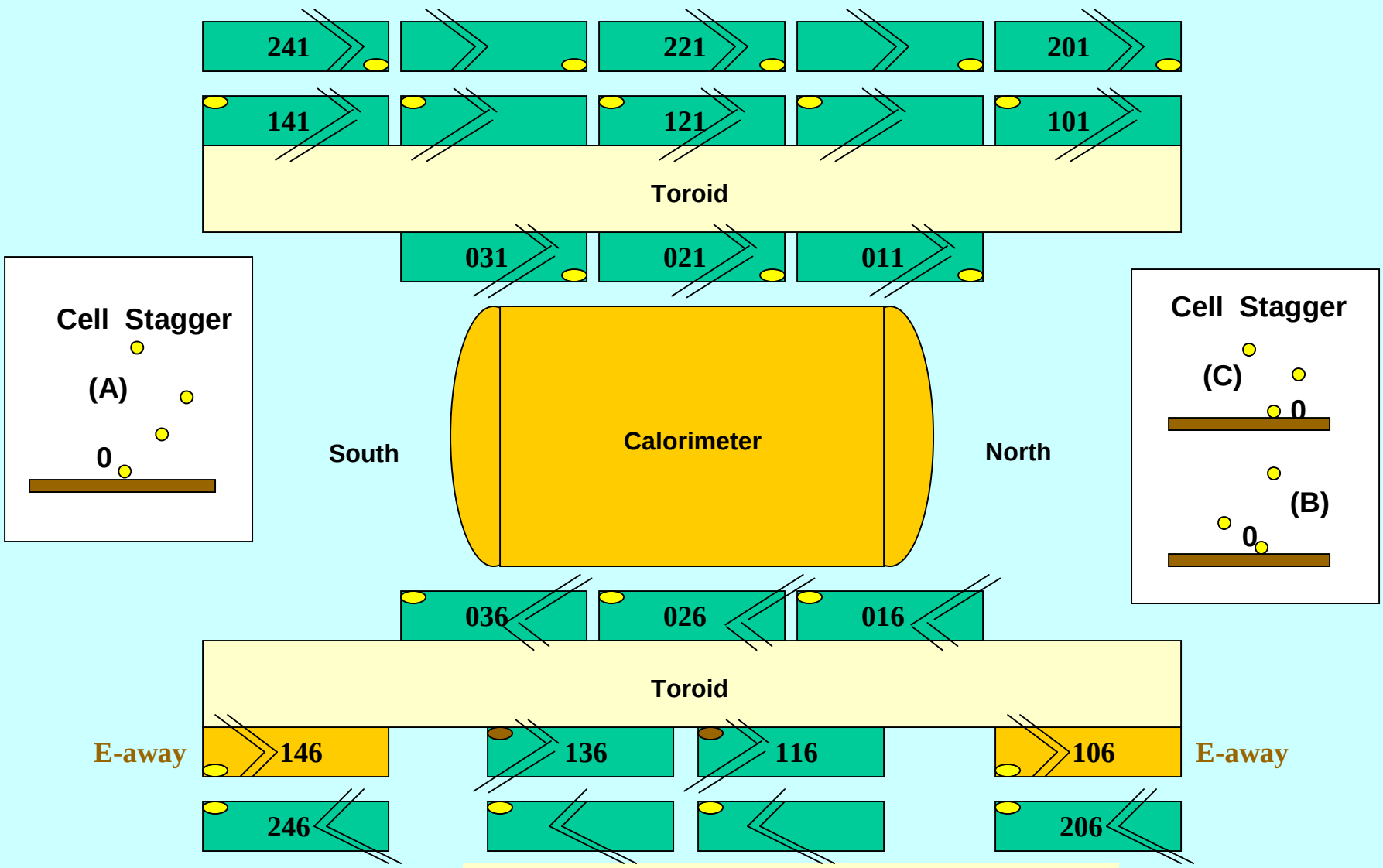
| cell_0<br>r φ z | A - Layer | B - Layer | C - Layer |
|---|---|---|---|
| **lo lo lo** | 0x0, 0x1, 0x5<br>**X = 1 , 2 , 3** | 115 , 135 | 2x0,2x1,2x4,2x5<br>**X = 0 , 1 , 2 , 3 , 4** |
| **lo hi hi** | 0x2, 0x3, 0x6<br>**X = 1 , 2 , 3** | 116 , 136 | 2x2,2x3,2x6,2x7<br>**X = 0 , 1 , 2 , 3 , 4** |
| **hi lo hi** | | **1x0 , 1x1 , 1x4**<br>**x = 0, 1, 2, 3, 4**<br>**106 146** | |
| **hi hi lo** | | **1x2 , 1x3 , 1x7**<br>**x = 0, 1, 2, 3, 4**<br>**105 145** | |

**Nb; All chambers remain as in Run-I , except 115, 135, 116, 136 which are (x,π) rotated**

# Cell 0 Position for East Chambers as Seen from East

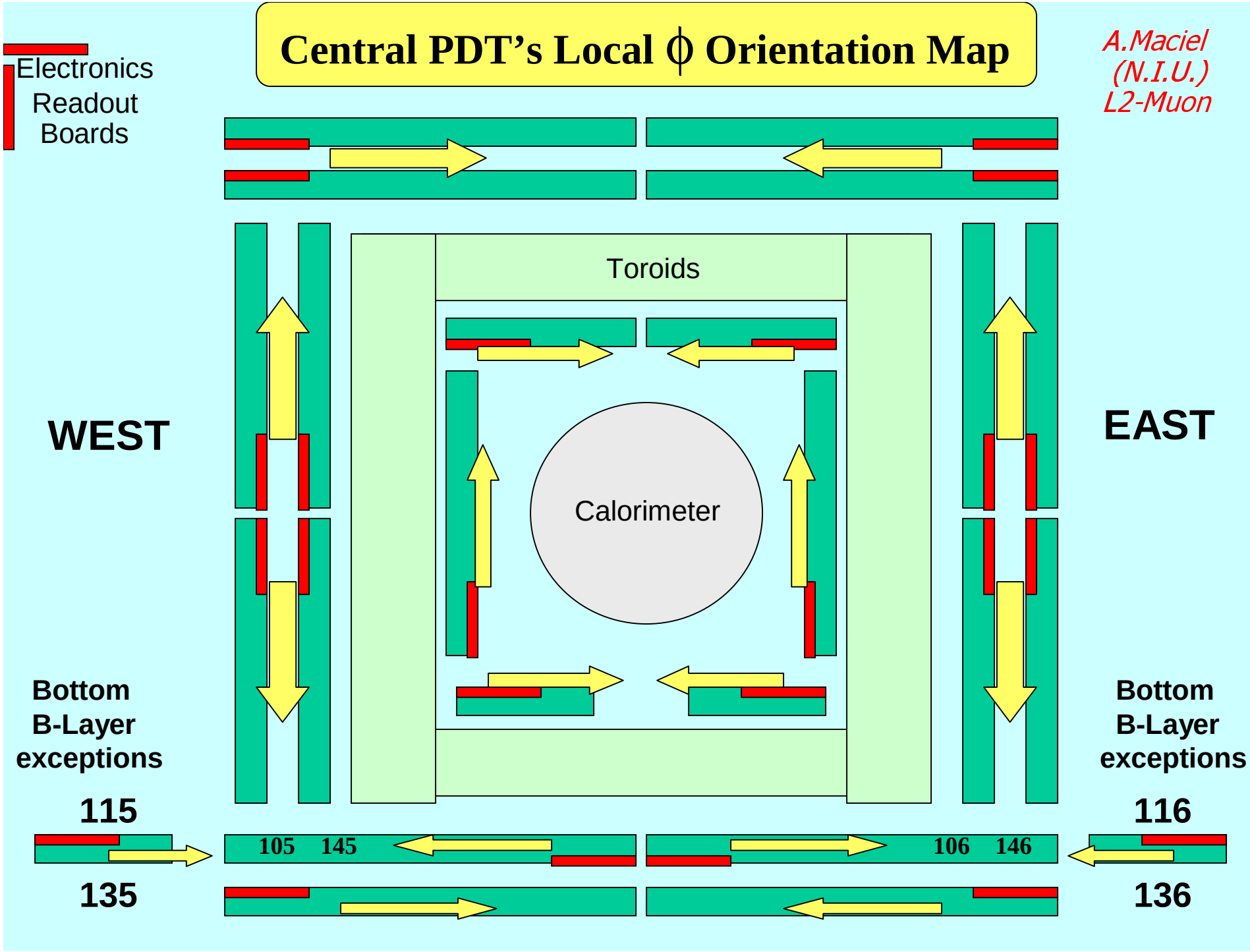
( Assembly Bay View )

A.Maciel
(N.I.U.)
L2-Muon




146 116 E-away
All others E-near

Note chambers 116 and 136 rotated (x,π) w.r.to run-1
West seen from West reproduces same cell-0 pattern

# Central PDT's Local $\phi$ Orientation Map

*A.Maciel (N.I.U.) L2-Muon*