

Update

Antonio Paz

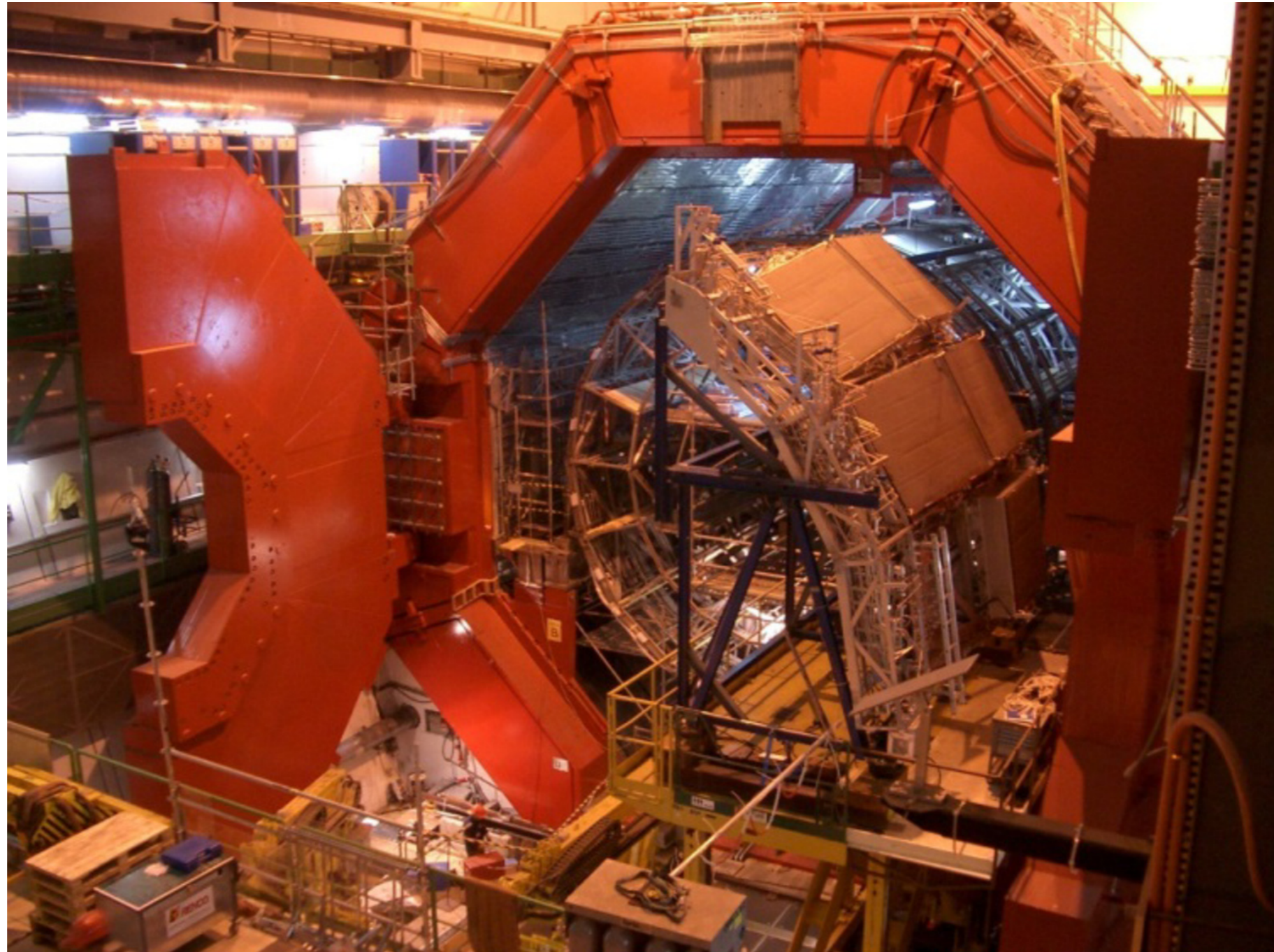


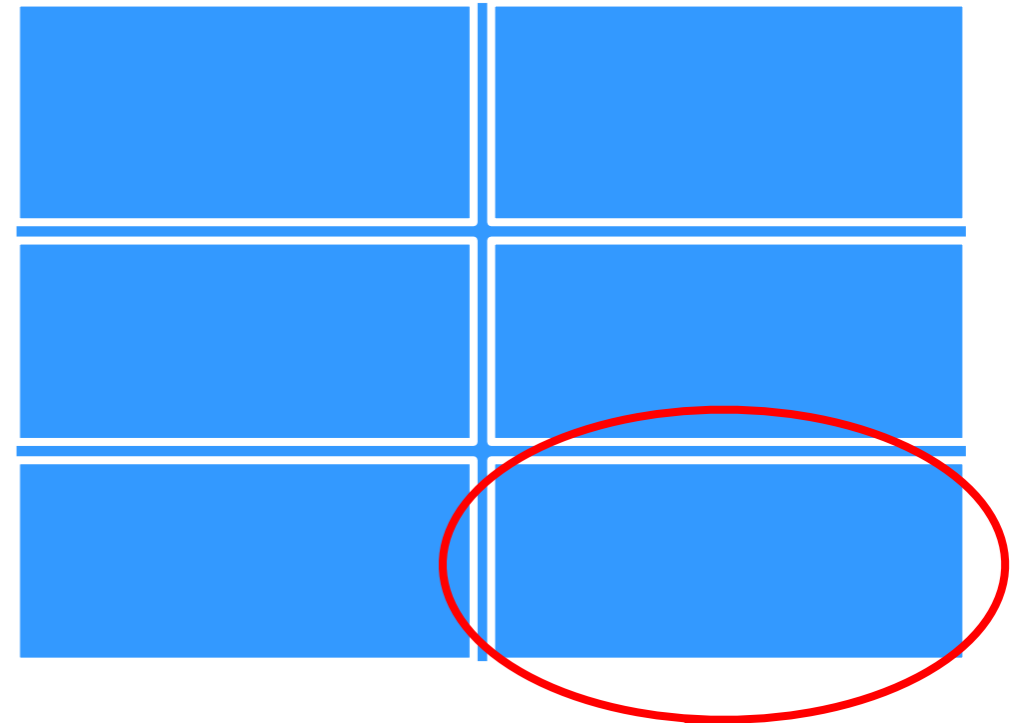
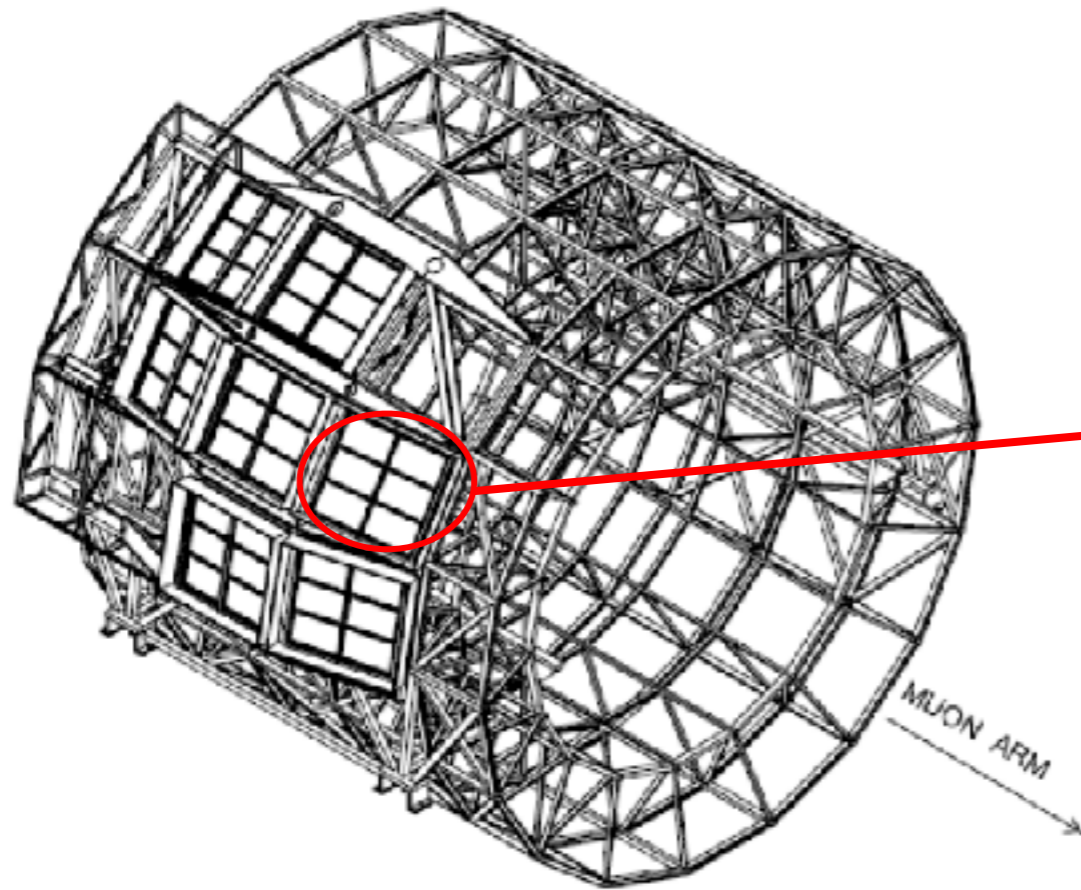
Metro Ciudad de México

update 20210716

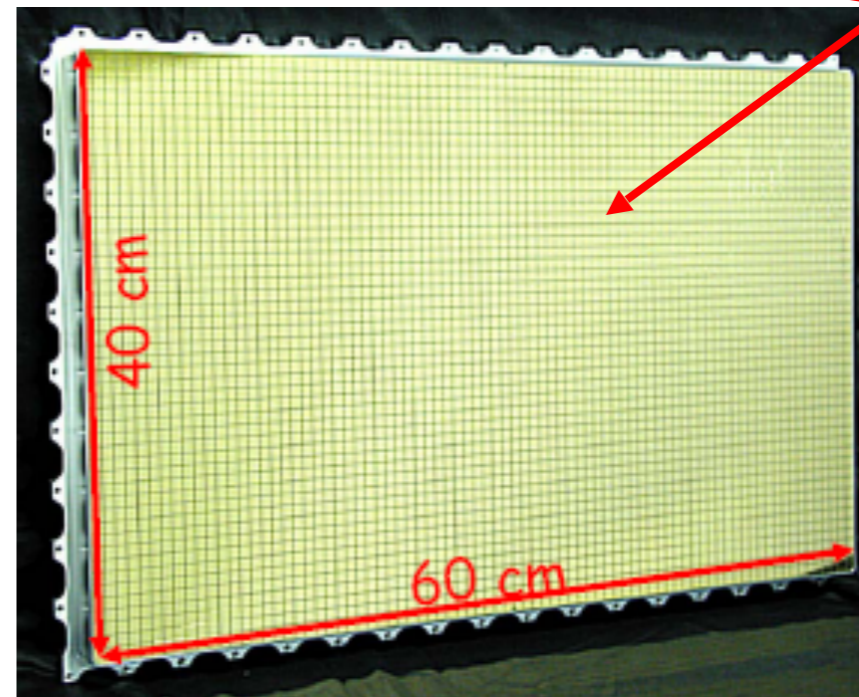
HMPID

HMPID

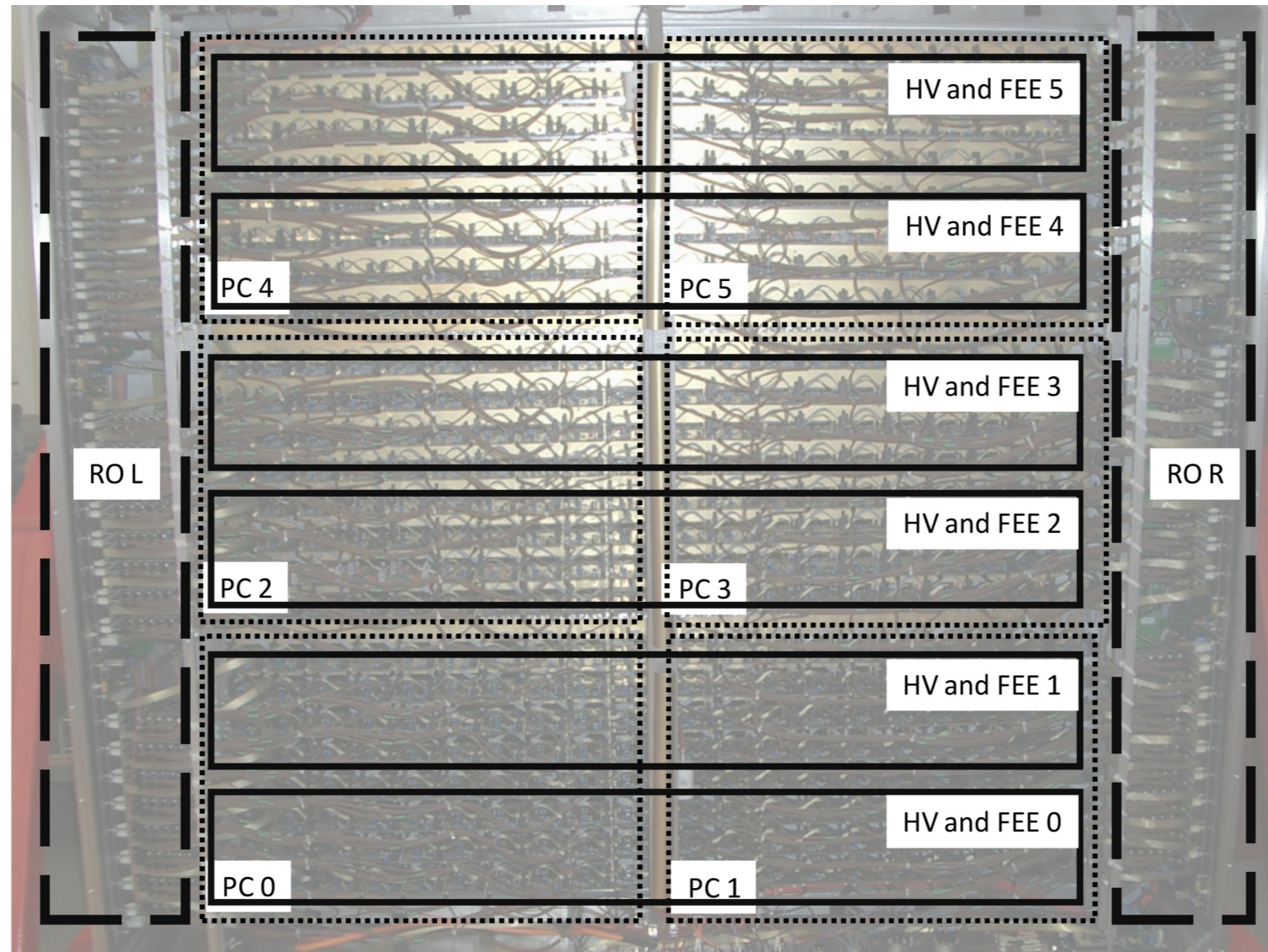




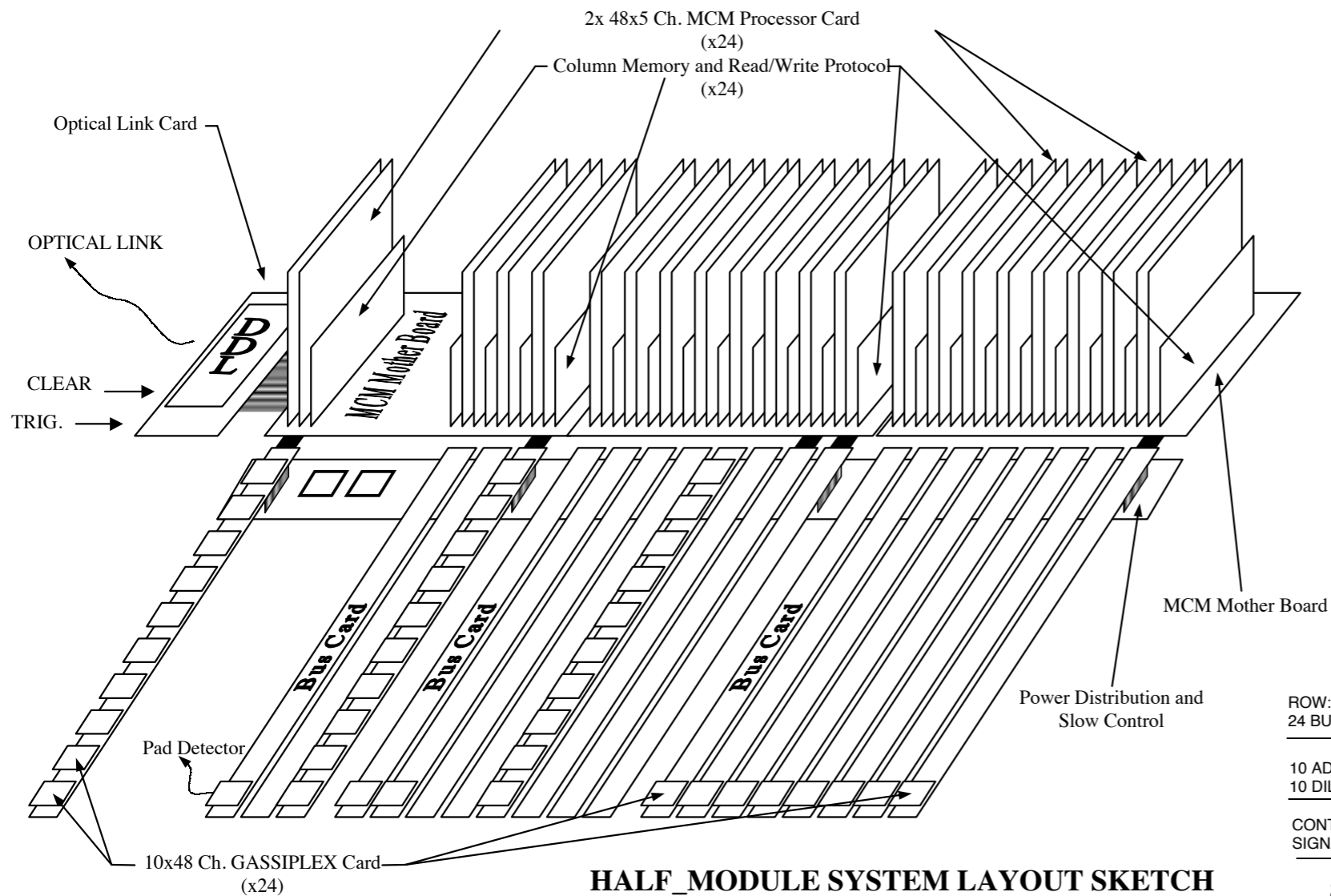
CsI photo-cathode
segments: 0.8x0.84 cm
pads



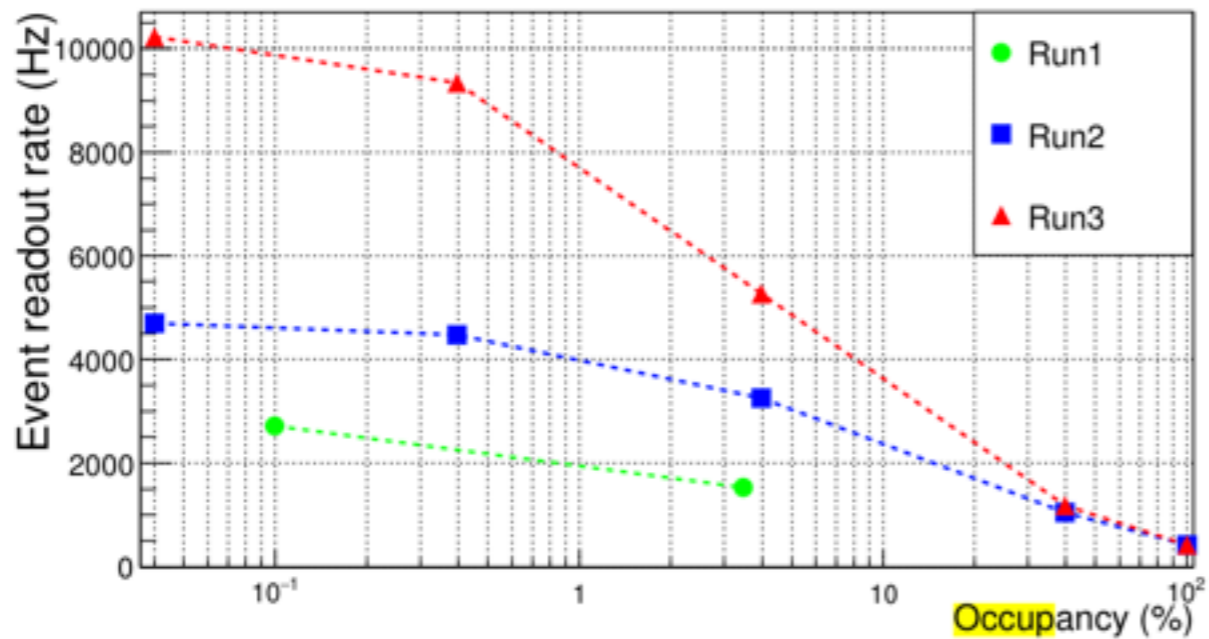
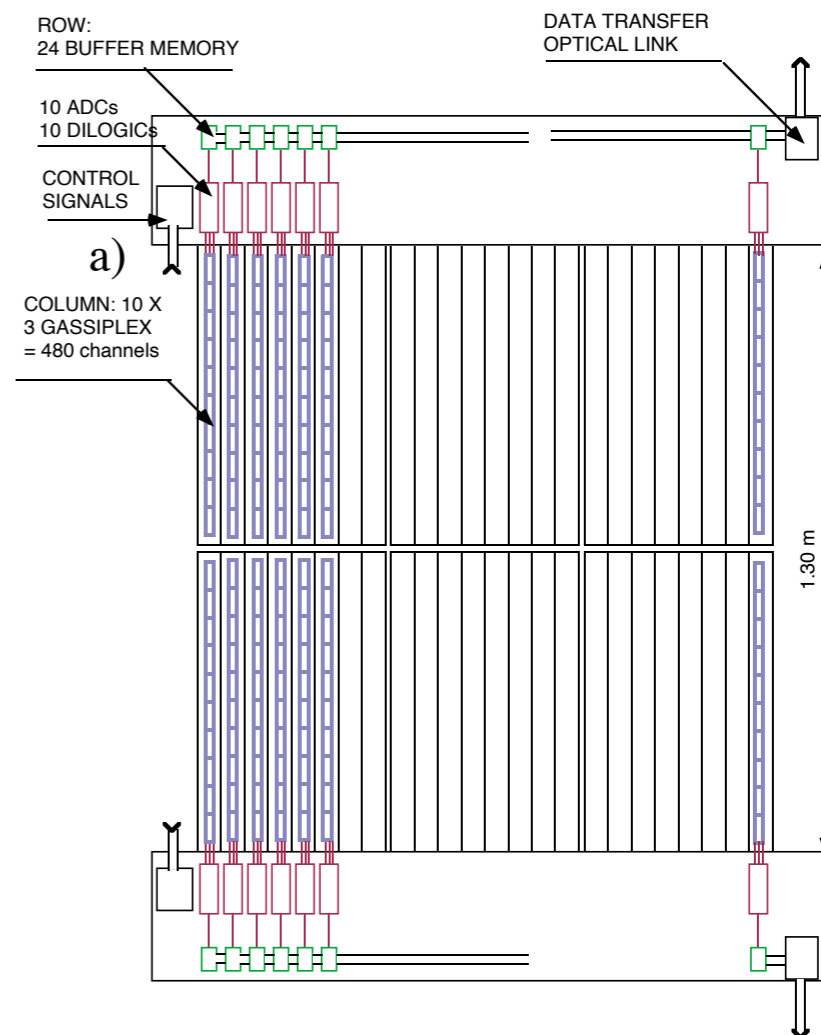
Volpe, 2008



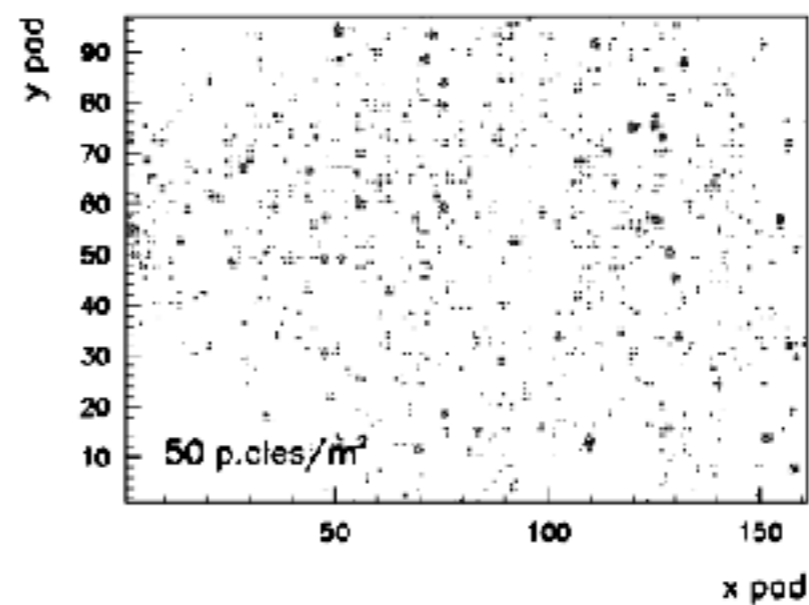
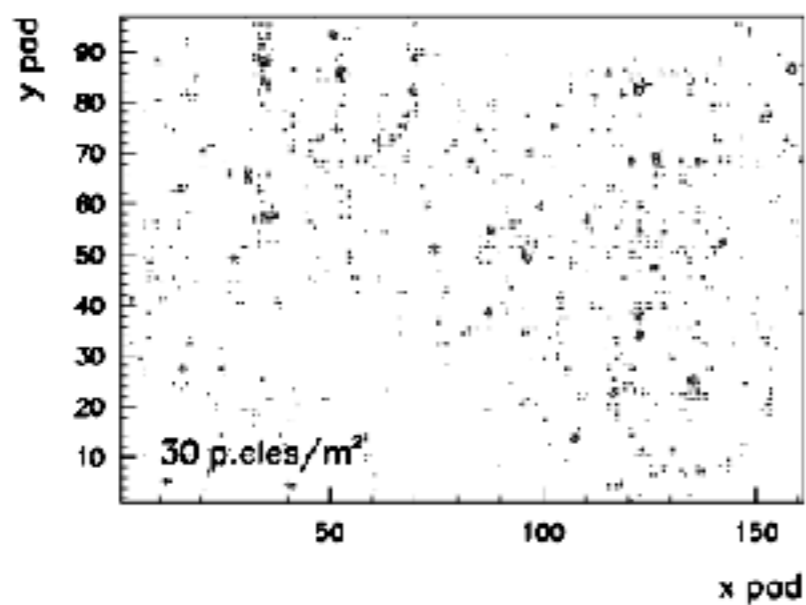
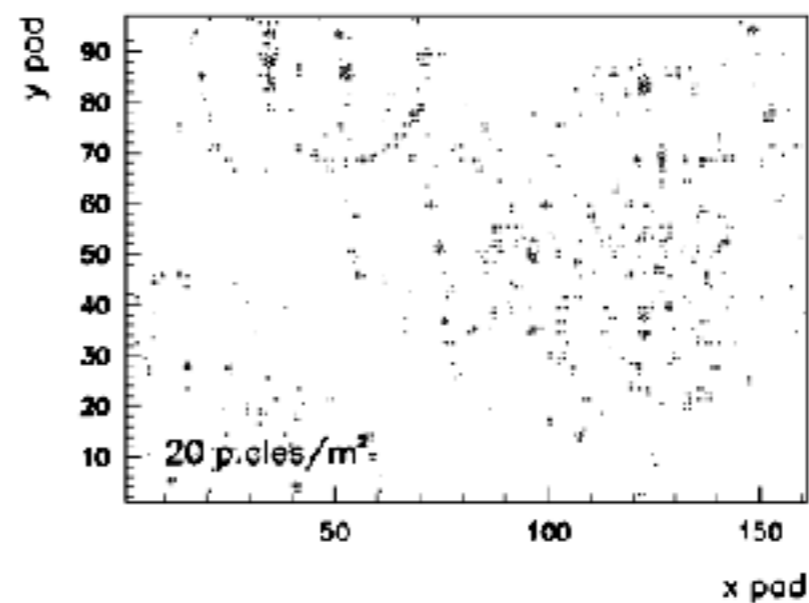
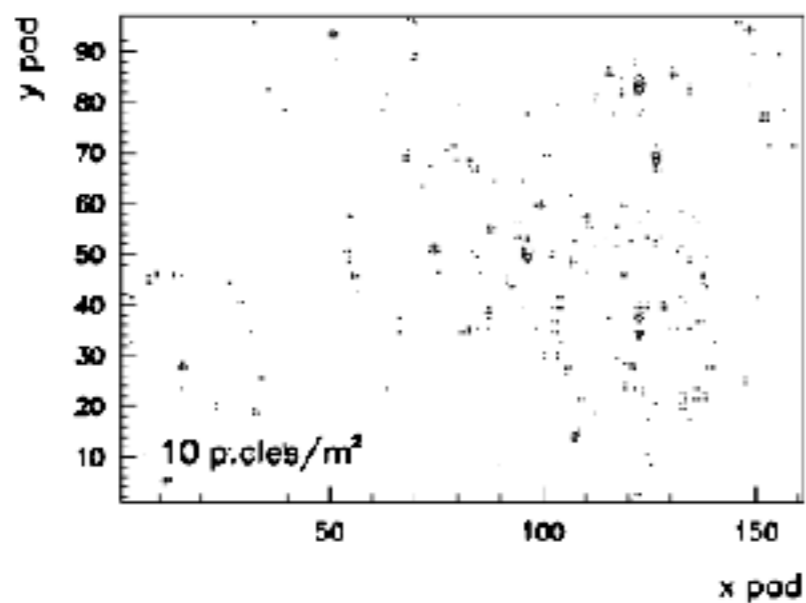
Volpe, 2008



HALF_MODULE SYSTEM LAYOUT SKETCH



Event overlapping



Volpe, 2008

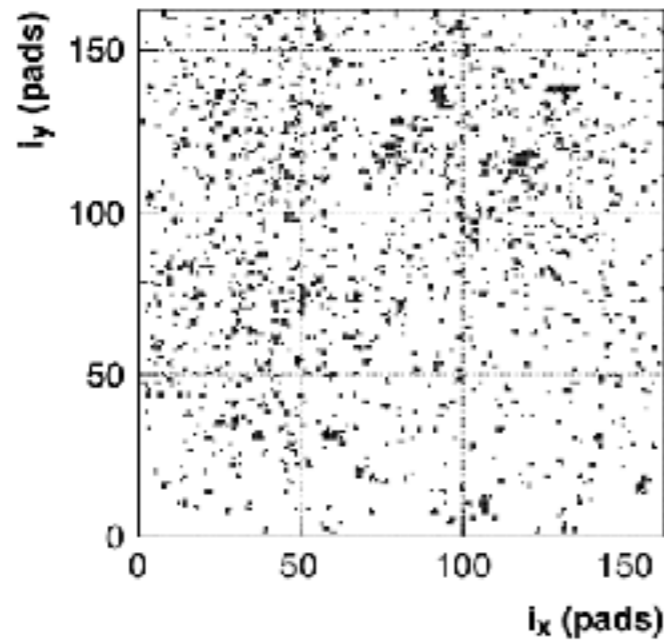


Figure 4.4: Simulated full event (Pb–Pb central collision) as seen by a RICH module.

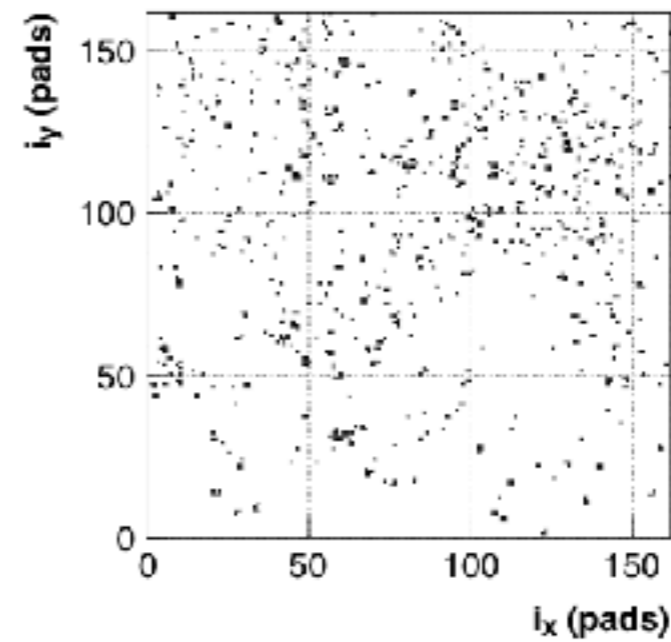


Figure 4.5: Same as Fig. 4.4, but for primary charged pions only.

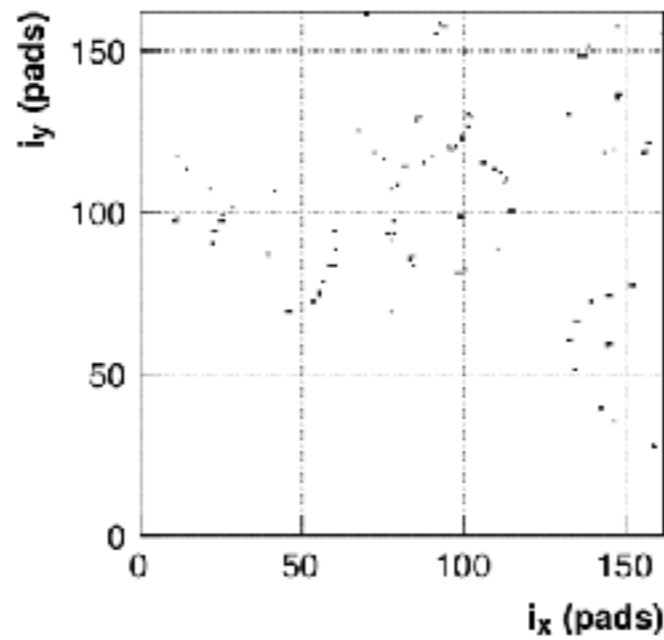


Figure 4.6: Same as Fig. 4.4, but for primary charged pions with $p > 1 \text{ GeV}/c$ only.

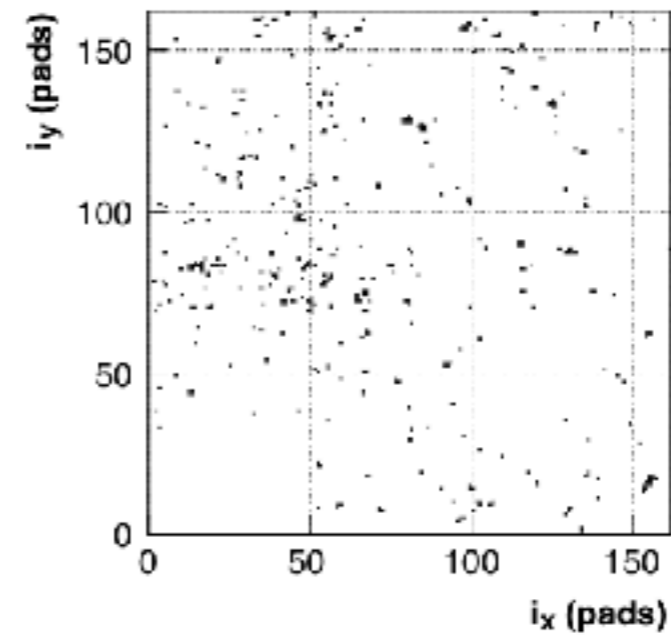


Figure 4.7: Same as Fig. 4.4, but for gammas only. Volpe, 2008

HMPID status

Task 1 completed

- ▶ charge distributions
- ▶ bi-dimensional map of pad coordinates

Task 2 completed

- ▶ Reinstall O2 and O2quality control for new compilation method
- ▶ Method to obtain occupancy

Next

- ▶ Compilation
- ▶ Tests
- ▶ Upload
- ▶ Screenshoots