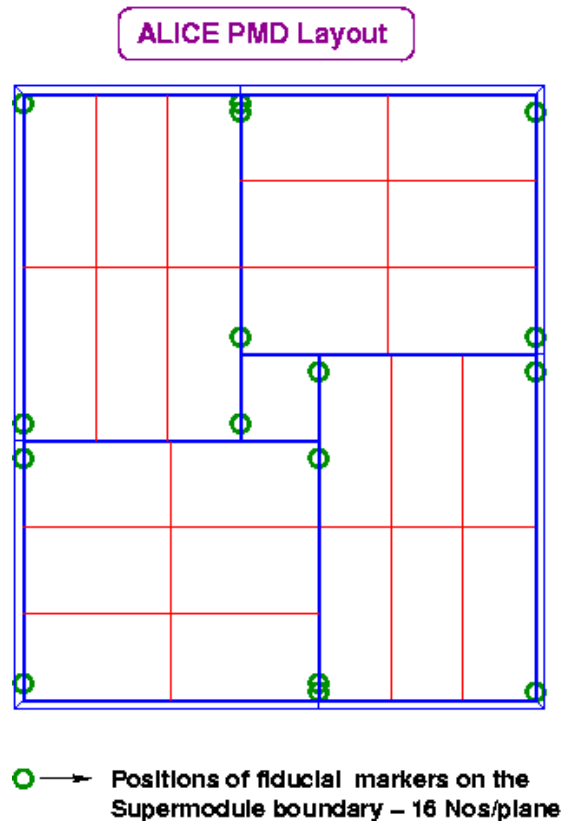


# PMD Calibration

Basanta K. Nandi

# PMD Calibration



Two detector Planes: CPV and Preshower

Total No. of Modules : 48

Total No. Channels : 220K

Data Format for each cell :  
Det plane, Module No., Row, Col, Gain  
Int, Int, Int, Int, Float

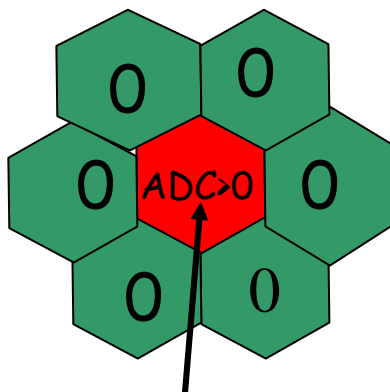
The file size is ~ 4MB/Run

# Procedure to Obtain gain of a Cell:

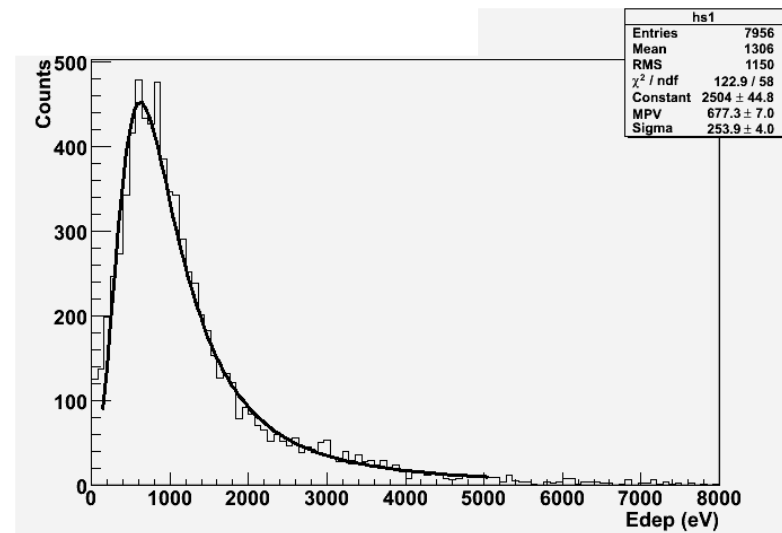
Test beam : Charged hadrons typically hit single cell

Data : Look for isolated hit cell.  
Take the energy deposition

typical spectra



**isolated cell**



## Status

**Calibration Class : AliPMDCalibrator**

**Calibration Object : AliPMDCalibData**

Data Size : Need discussion in the group

By October 15, 2006

SHUTTLE : Work in progress

Expected to finish by end of October (Z. Ahamed)

ONLINE : Integration of calibration code at LDC level  
by end of December (Z. Ahamed)