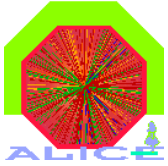# PMD Preprocessor and DA

April 11, 2008

PMD DA

✓**PMD-DA** -----Two tasks

    --- Calculation of Calibration constants

    --- Calculation of Pedestal mean and rms

Calibration algorithm is plugged in AliPMDCalibgain.cxx. Output file "pmd_calib.root" exported to DAQ FXS.

The algorithm to calculate Pedestal mean and rms is plugged in AliPMDCalibpedestal.cxx.

Output file "pmd_ped.root" is exported to DAQ FXS.

✓**STATUS: PMD-DA is written and code in CVS. Validation is waited**.

PMD DA

Shuttle Pre-processor:
✓**PMD pre-processor** is ready and in CVS and Validated in nightly test run.

Run Types:
For Calibration : PHYSICS
For Pedestal : PEDESTAL_RUN

✓**Detector calibration algorithms from ESDs/ESDfriends for second pass reconstruction (special focus: which data from ESDs/ESDfriends is needed).**

PMD Calibration has to be done before ESD is made. PMD doesn't require calibration from ESDs/ESDfriends.