

# ACORDE

## Detector Algorithm and Preprocessor Status

Pedro Gonzalez Zamora

11.04.2008

# ACORDE DA description

- Read data of STANDALONE\_BC, STANDALONE\_PULSER and PHYSICS runs from DAQ LCD
- Compute rates for single and multiple hits for each ACORDE module from raw data.
- Fill histograms with the rates and save to root files
- Send rates (root files) to the DAQ FXS for storage.

# ACORDE DA STATUS

- Programming of ACORDE DA is done but not implemented
- Tests are underway

# ACORDE Preprocessor description

- Works with three run types:  
STANDALONE\_BC  
STANDALONE\_PULSER  
PHYSICS
- Retrieves ACORDE DA files (rates) from DAQ FXS and fill AliACORDECalibData obj
- Retrieves DCS DP from DAQ DCS and fill AliACORDEDataDCS obj
- Stores both AliACORDECalibData and AliACORDEDataDCS objects to OCDB

# ACORDE Preprocessor Status

- ACORDE Preprocessor is already implemented and committed to SVN.
- Test with the TestShuttle package: **passed**
- Test with the SHUTTLE: **no tested**

## TO DO...

- Implemented ACORDE DA to be tested
- ACORDEPreprocessor test with SHUTTLE
- Test DA + Preprocessor in a real data taking