Processing and Quality Monitoring for the ATLAS Tile Hadronic Calorimeter Data

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This poster explains several aspects of data preparation, data quality, and monitoring for the ATLAS Tile Calorimeter.

Physics monitoring and data quality

- Briefly discusses regular DQ tasks performed during physics data taking periods, with a little discussion of related tools
- Summarizes typical kinds of problems and overall DQ performance

Calibrations

- Describes (in very rough detail) purpose of different calibration run types
- Explains motivation for monitoring calibrations from a DQ perspective
- Some limited discussion of tools

Conditions and Data Preparation

- Describes (again, in very rough detail) purpose and structure of conditions database
- Some discussion of tools
- Some discussion of workflow for normal data taking, reprocessing, an MC production campaigns

A side bar includes some basic info about Tile (for people not very familiar with the experiment)