



# Data Quality Monitoring

Online: Summary . 112'341 . 16 . 2'142'444 . (Not recorded)

Reference On side 5 | Show All | Search | (18 objects) | Live

Please file any feature requests and any bugs you find in Savannah. Find staff instructions here.

**Andreas B. Meyer**

**DESY CMS Group Meeting**

**19 October 09**

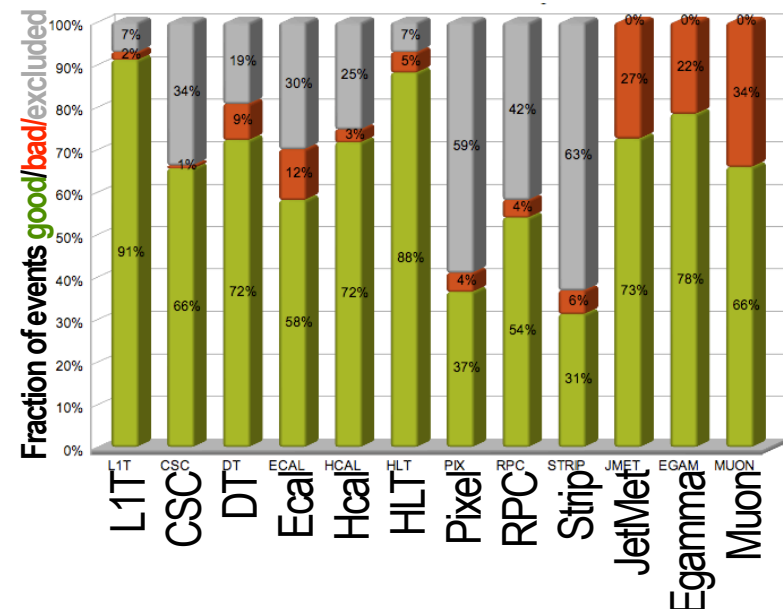
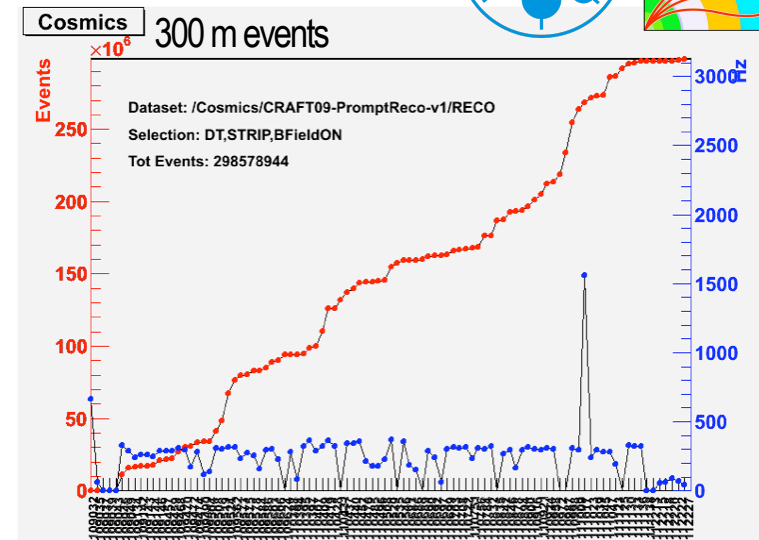
# DESY CMS Group Meeting

## 19 October 09

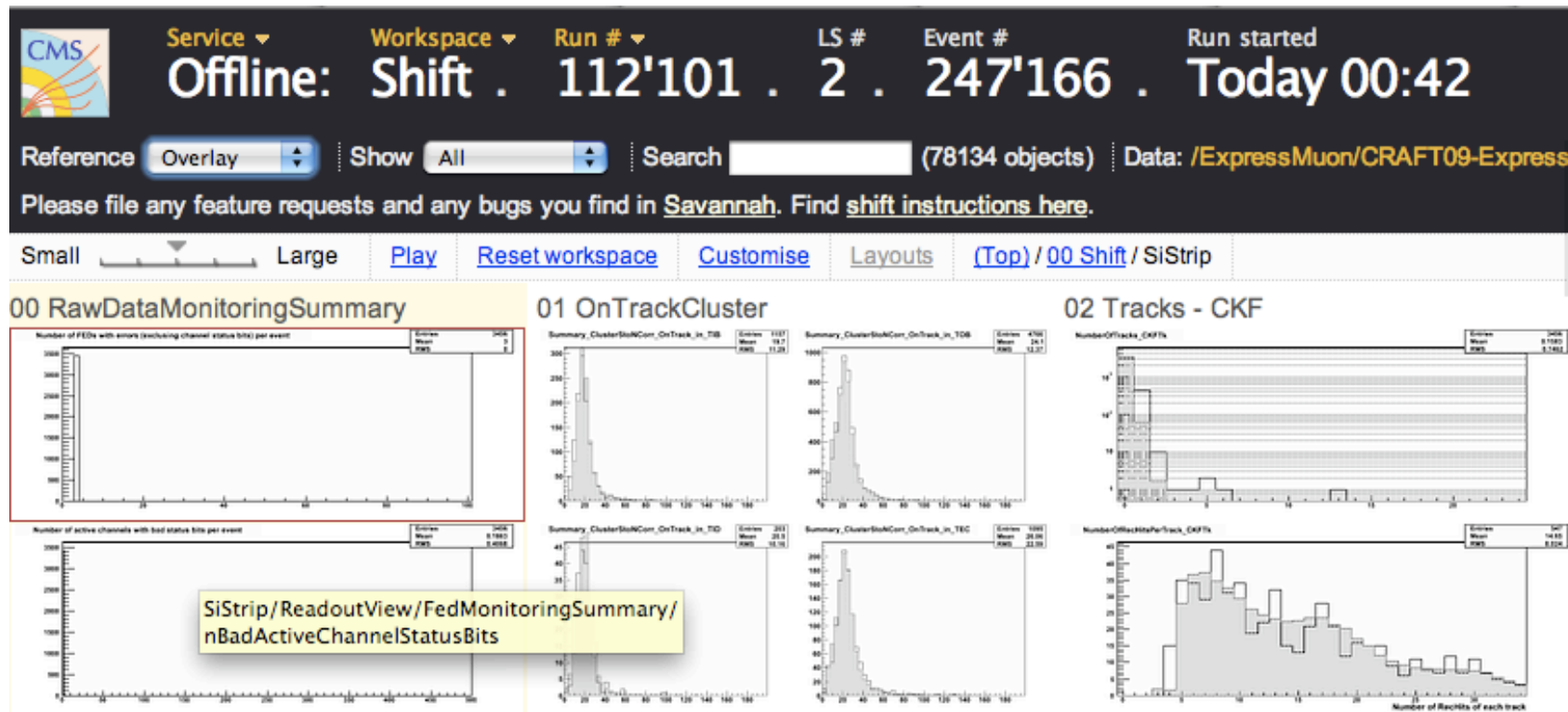
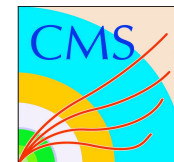
# Data Quality Monitoring

Global coord. (A. Meyer, DESY) extended until end 2010

- **DQM comprises monitoring for**
  - Online data taking ← New DESY- Postdoc (starting Nov 09)
  - Offline reconstruction (prompt and re-reco)
  - Alignment & Calibration
  - MC production & Release Valid. ← Coordinated by DESY- Postdoc (since Aug 09)
- **Central developments since April 09:**
  - Upgraded, much faster version of histogram browser
  - New Run Registry database and GUI, containing database and LS
- **Cosmics data taking campaign July/Aug 09:**
  - Test of readiness for sustained operation during LHC beams and collisions.
  - ~400 runs monitored, certified and good-run list published
  - DESY remote center: valuable, reliable help
  - Main identified operations problem: shift and expert recruitment still very difficult



# Upgrade of DQM GUI



- Improved file indexing scaling to large number of histograms for each run and dataset
- Navigation of different datasets (including MC)
- Reference Histograms

# Publication of Data Certification Results

