CMS Centres for Offline Operations, Monitoring & Communication

Lucas Taylor

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CMS Centre

Offsite facilities

CMS institutes

Computing Facilities

(Tier-1s, Tier-2s)



CMS Centre (CERN)

- Human focal point
- Offices, auditoria
- Visitor facilities
- Detector monitoring
- Data analysis
- Computing operations
- Offline helpdesk
- Outreach: visits, displays...



CMS Control Room

- Safety, shifts...
- Liaison with LHC
- Detector and trigger control
- Data acquisition
- Online calibration
- Data quality monitoring
- Transfer data & DBs offline

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CMS Centre Taskforce

(aka RTAG - Requirements and Technical Assessment Group)

The RTAG should clearly establish the needs of CMS Centre(s)

in areas such as: Computing and Offline operations, user support, monitoring of data quality, detector calibrations, express analysis, collaboration communications and outreach.

The RTAG should focus on the CERN Meyrin centre but also consider the CMS online control room and offsite centres

especially with respect to communications needs and overall system coherence.

The RTAG should make technical & planning recommendations

- taking cost, schedule and other constraints into account and having consulted CERN and other interested parties.
- Mar 2005 Completion of RTAG Construction & commissioning of CMS Centre Mar to Dec 2007 Subject to resolution **CMS Centre ready to use** End 2007