

## DESY CMS

- LHC and the CMS detector is working very well.  $\sim 40 \text{ pb}^{-1}$  of data were collected in 2010 at 7 TeV.
- DESY CMS is group is making strong contributions in:
  - Detector operations
    - Tracker alignment
    - Data Quality Monitoring
    - CASTOR and BCMF1 operations
  - Upgrades
    - Barrel Pixel Upgrade (2016)
    - HCAL SiPM and readout (Phase 0 and Phase 1)
    - Tracker upgrade R&D (Phase 2)
  - Computing
    - CMS Tier-2 and NAF
- Engaged in active physics analysis in
  - Efforts in QCD, Top, Higgs and SUSY →

## DESY CMS : referees' remarks

- DESY CMS is making strong contributions in detector operations, upgrades and computing.
- The upgrade planning appears to be well adapted to the new LHC schedule and on track.
- DESY CMS has reorganized the physics analysis effort and has begun to make broad contributions. The Z- $\rightarrow$ tautau and top cross-section efforts have been particularly effective. Other areas are in the ramping up phase, but appear promising.
- CASTOR detector should have its main pp data taking in the low luminosity regime which is coming rapidly to an end. The referees would like to hear a report next time on its current operation, physics output, potential physics output, and planning for future operations.
- Referees congratulate the DESY CMS group on their recent achievements.

## DESY CMS : for the minutes

We congratulate the DESY CMS group on their many strong contributions to the CMS experiment on detector operations, computing and upgrades. The group continues to play prominent roles in tracking alignment, data quality monitoring, operation of CASTOR and BCMF1, as well as in many management areas.

We are particularly pleased to see the internal reorganization for physics analyses and that the group is beginning to make strong impacts in several analysis areas. Contributions to published and upcoming papers are beginning to appear and the PRC looks forward to further expansion of DESY contributions.