

**CMS HCAL Publications and Notes 2014**  
(Updated 31 December 2014)

**CMS HCAL Publications:**

Submitting author: Petr Moisenz (Left over from 2011)  
The CMS HCAL Endcap Calorimeter Response to Particle Beams from 3 to 300 GeV/c  
Not yet submitted.

**CMS Published paper**

Submitting author: Tullio Grassi  
Radiation tolerance of an SLVS receiver based on commercial components  
JINST10.1088/1748-0221/9/03/P03008

**CMS HCAL NOTES-**

**CMS DN-2014/007**

Submitting author: Raman Khurana (Not final)  
Power & Control Mezzanine testing (at SINP) for HCAL back-end upgrade for Run2 of LHC

**CMS DN-2014/010**

Submitting author: Titas Roy; (Not final)  
QIE10

**CMS DN-2014/015**

Submitting author: Andris Skuja  
Radiation Damage Task Force 2014 Summary

**CMS DN-2014/019**

Submitting author: Yuta Takahashi (Not final)  
Commissioning and performance of the CMS Hadron Outer Calorimeter  
Not final

**CMS DN-2014/026**

Submitting author: Swagata Mukherjee (Not final)  
Inclusion of Hadron Outer Calorimeter in Particle Flow Calibration

**CMS DN-2014/027**

Submitting author: Christopher Ryan Anelli  
Study of Outer Hadron Calorimeter Bit in the Level 1 Muon Trigger

**CMS DN-2014/030**

Submitting author: Sunanda Banerjee  
Comparison of Single Particle Response in Data and MC at  $\sqrt{s} = 8$  TeV

**CMS DN-2014/032**

Submitting author: Young Ho Shin  
HE Radiation Damage study

Not final

**CMS DN-2014/033**

Submitting author: Sunanda Banerjee  
Calculation of HCAL Sampling Factors

**CMS Note-2014/001**

Submitting author: Vitali Smirnov  
HE upgrade beyond phase 1. Finger scintillator option.

**CMS Note-2014/002**

Submitting author: Vitali Smirnov  
Measuring of induced radioactivity of the HE megatile on IREN at JINR.

**CMS Note-2014/003**

Submitting author: Vitali Smirnov  
Experimental study of the plastic scintillator damage caused by radiation on IREN at JINR.

**CMS CR-2014/63**

Submitting author: Andreas Kunsken  
MPPC Photon Sensor Operational Experience in CMS;  
Conference: CALOR 2014

**CMS CR-2014/69**

Submitting author: Burak Bilki  
CMS Forward Calorimeter Phase II Upgrade;  
Conference: CALOR 2014

**CMS CR-2014/73**

Submitting author: Arthur Lobanov  
The CMS HO SiPM Upgrade;  
Conference: CALOR 2014

**CMS CR-2014/75**

Submitting author: Yasar Onel  
CMS HF Phase I Upgrade status;  
Conference: CALOR 2014

**CMS CR-2014/116**

Submitting author: Burak Bilki  
CMS Forward Calorimetry R and D for Phase II Upgrade;  
Conference: TIPP 2014

**CMS CR-2014/117**

Submitting author: Yasar Onel  
CMS Hadron Forward Calorimeter Phase I Upgrade Status;  
Conference: TIPP 2014

**CMS CR-2014/180**

Submitting author: Andreas Kunsken  
SiPM Operational Experience in Outer HCAL in CMS  
Conference: TIPP 2014

**CMS CR-2014/258**

Submitting author: Seth I Cooper  
Phase I Upgrade of the CMS Hadron Calorimeter; ICHEP 2014

**CMS CR-2014/377**

Submitting author: Burak Bilki  
CMS Forward Calorimeters Phase II Upgrade, 2014 IEEE

**CMS CR-2014/402**

Submitting author: Yasar Onel  
R and D on Radiation Hard Active Media Based on Quartz Plates

**CMS AN-2014/226**

Submitting author: Pawel de Barbaro  
Measurement of Radiation Damage of CMS Hadron Endcap (HE) Scintillator Tile/WLS fiber  
active readout elements observed during LHC Run1 in 2012