

CMS HCAL Publications and Notes 2012
(Updated 31 December 2012)

CMS HCAL Publications:

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

Submitting Author: Burak Bilki
Tests of CMS Hadron Forward Calorimeter Upgrade Readout Box Prototype
Published by JINST: 2012 JINST 7 P10015

CMS HCAL NOTES-

CMS DN-2012/001

Submitting author: Sunanda Banerjee
Comparison of Single Particle Response in Data and MC at 7 TeV

CMS DN-2012/002

Submitting author: Sunanda Banerjee
Calorimetry Task Force Report on Extraction of Single Particle Response

CMS DN-2012/004

Submitting author: Jeff S. Wood
Measurement of the Centrality from PbPb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV Using
Correlations between Zero Degree Calorimeter Signal and Pixel multiplicity
Wants to publish in JINST

CMS DN-2012/008

Submitting author: Burak Bilki
Tests of CMS HF Readout Box Prototype

CMS DN-2012/011

Submitting author: Pawel de Barbaro
Gain stability of the CMS Hadron Forward (HF) Calorimeter photo-multipliers during 2011 and
2012 LHC operations

CMS DN-2012/013

Submitting author: Maria Spiropulu
Study of the HCAL Fit-Based Noise Filters in 2012 Data

CMS DN-2012/016

Submitting author: Luiz Mundim

The CASTOR shower library

CMS IN-2012/003

Submitting author: Armen Tumasyan, Viktor Konoplianikov

Absolute jet energy scale calibration in CMS detector using $W \rightarrow q\bar{q}$ process in pp-collisions at $\sqrt{s}=7$ TeV

Published as part of PhD thesis

CMS Note-2012/001

Submitting author: Burak Bilki

Tests of CMS Hadron Forward Calorimeter Upgrade Readout Box Prototype

CMS Note-2012/002

Submitting author: Vitali Smirnov

An improvement of a radiation hardness of the CMS Hadron Endcap Calorimeters under increased LHC luminosity

CMS Note-2012/007

Submitting author: Vladimir Andreev

Improvement of jet energy resolution for segmented HCAL using Layer Weighting Technique

CMS CR-2012/189

Submitting author: Benjamin Lutz

Upgrade of the CMS Hadron Outer Calorimeter with SiPM sensors

Conference: Calor 2012.

CMS CR-2012/193

Submitting author: Rahmat Rahmat

CMS HF Status

Conference: Calor 2012.

CMS CR-2012/234

Submitting author: Jake Anderson

Upgrade of the CMS hadron calorimeter for an upgraded LHC.

Conference: Calor 2012.

CMS CR-2012/238

Submitting author: Artur Apresyan

Identification and mitigation of anomalous signals in CMS HCAL. Conference: Calor 2012

CMS CR-2012/266

Submitting author: Pablo Goldenzweig

Operational Experience with the CMS Hadronic Calorimeter in the 2011 LHC run

Conference - Calor 2012