

CMS HCAL Publications and Notes 2010 (Final List)

CMS HCAL Publications:

CRAFT papers

- Performance of CMS hadron calorimeter with cosmic ray muons and LHC data. CMS Collaboration, **2010 JINST 5 T03012**
- Performance of CMS hadron calorimeter timing and synchronization using test beam, cosmic ray, and LHC beam data. CMS Collaboration, **2010 JINST 5 T03013**
- Identification and filtering of uncharacteristic noise in the CMS hadron calorimeter. CMS Collaboration, **2010 JINST 5 T03014**

CMS HCAL NOTE-2010/003

Submitting author: Burak Bilki

Study of CMS HF Candidate PMTs with Muons and Cherenkov Light in Electron Showers.

Published: **2010_JINST_5_P06002**

CMS Publication in JINST

Submitting author: J. Mans and E. Frahm

Status Report on a MicroTCA Card for HCAL Trigger and Readout at SLHC

Published: **2010_JINST_5_C12070**

CMS Publication in JINST

Submitting author: Tullio Grassi

Developments for the upgrade of the CMS HCAL front-end electronics

Published: **2010_JINST_5_C11005**

CMS DN-2010/001

Submitting author: Pawel de Barbaro

Stability of HCAL hardware pedestals during September - December 2009 and determination of Intervals of Validity (IOVs) for HCAL energy reconstruction. (Sent for publication)

CMS DN-2010/004

Submitting author: A. Moeller

Simulation of PMT Hits in HF for Single Particles and Pythia Jets

CMS DN-2010/007

Submitting author: Seema Sharma

HCAL Noise Study during CRAFT09

CMS DN-2010/008

Submitting author: Dinko Ferencek
Collision Data at sqrt(0.9 and 2.36) TeV.

CMS DN-2010/009

Submitting author: Ugur Akgun
Investigation of Thermal Neutron Interaction on Borosilica PMTs.

CMS DN-2010/010

Submitting author: Anthony R. Moeller
Simulation of PMT Hits in HF for Minimum Bias Events

CMS DN-2010/011

Submitting author: Erhan Gulmez
A Study of 2009 LED Data for the HF Calorimeters

CMS DN-2010/012

Submitting author: Anthony R. Moeller
Abort Gap Operations for CMS HCAL

CMS DN-2010/014

Submitting author: Alexi Mestvirishvili
Irradiations of HF PMT (R7525) and candidate PMT (R7600) at Neutron IRRAD 6 CERN PS facility

CMS DN-2010/016

Submitting author: Tullio Grassi
HTR board reference guide

CMS DN-2010/017

Submitting author: Pawel de Barbaro
Update on Energy and Timing calibration of HO towers read out by SiPMs

CMS IN-2010/006

Submitting author: John Paul Chou
Anomalous HB/HE Noise at Startup: Characteristics and Rejection Algorithms

CMS IN-2010/010

Submitting author: Jian Wang
Performance of SiPM's in CMS HO during CRAFT09.

CMS IN-2010/011

Submitting author: Taylan Yetkin
Comparison of Hadronic Forward Calorimeter Simulation with sqrt s = 0.9 and 2.36 TeV Collisions.

CMS IN-2010/016

Submitting author: Halil Saka

CMS Barrel Hadron Calorimeter Test Beam 2009 Analysis with Layer Weighting Technique

CMS IN-2010/020

Submitting author: Bryan Dahmes

Abort Gap Operations for CMS HCAL

CMS IN-2010/021

Submitting author: Vladimir Popov

An approach to analysis of PMT monitoring data and its application in CASTOR calorimeter

CMS IN-2010/024

Submitting author: Matthias Stein

Energy Weighting for the Upgrade of the CMS Hadron Calorimeter with Different Readout Schemes

CMS IN-2010/XXX

Submitting author: Maria Spiropulu

HCAL Noise Working Group Summary

CMS IN-2010/XXX

Submitting author: Dinko Ferencek

Optimization and Performance of HF PMT Hit Cleaning Algorithms Developed Using pp Collision Data at 0.9, 2.36 and 7 TeV

CMS IN-2010/034

Submitting author: Alexandr Zhokin

Simulation studies for Hadron Endcap calorimeter upgrade

CMS CR-2010/014

Submitting author: Yasar Onel

Detector Upgrade R&D of the CMS Hadronic Endcap and Forward Calorimeters.

CMS CR-2010/028

Submitting author: Matthias Stein

Studies with an Energy Weighting method for the Upgrade of HCAL of CMS

CMS CR-2010/083

Submitting author: Burak Bilki.

Study of Various Photomultiplier Tubes for Window Events: Upgrade R&D for CMS Hadron Forward Calorimeters.

CMS CR-2010/084

Submitting author: Burak Bilki.

CMS Hadron Endcap Calorimeter Upgrade Studies for Super-LHC.

CMS CR-2010/122

Submitting author: Oleg Grachov.

Commissioning of the CMS Zero Degree Calorimeter using LHC beam.

CMS CR-2010/140

Submitting author: Taylan Yetkin

Operational Experience with the CMS Hadronic Calorimeter System.

CMS CR-2010/196

Submitting author: Edwin Norbeck

CMS (LHC) Measurements and Unusual Cosmic Ray Events

CMS CR-2010/256

Submitting author: Matthias Stein

Energy Weighting for the Upgrade of the CMS HCAL