

## **CMS HCAL Publications and Notes 2017**

(Updated 5 January 2018)

### **CMS HCAL Publications:**

#### **PUBLISHER PAPERS**

**Alberto Belloni (limited number of authors):** Brightness and uniformity measurements of plastic scintillator tiles at CERN H2 test beam. **2018\_JINST\_13\_P01002**

### **CMS HCAL Conference Reports-**

1. **CR2017/71:** Suman Chatterjee: HO Weight Factor in Particle-Flow Algorithm in CMS Experiment. DAE-HEP XXII
2. **CR2017/119:** Erhan Gulmez: CMS-HF Calorimeter Upgrade for Run II LHCP 2017
3. **CR2017/170:** Burak Bilki: Commissioning of the CMS Hadron Forward Calorimeters Phase I Upgrade- TIPP 2017
4. **CR2017/171:** Burak Bilki: Operational Experience with Radioactive Source Calibration of the CMS Hadron Endcap Calorimeter Wedges with Phase I Upgrade Electronics, TIPP 2017
5. **CR2017/293:** Pawel de Barbaro: Radiation Damage of CMS HCAL Scintillator/WLS fiber readout c Run1 and Run2
6. **CR2017/417:** Burak Bilki: Operational Experience with Radioactive Source Calibration of the CMS Hadron Endcap Calorimeter Wedges with Phase I Upgrade Electronics, 2017 IEEE
7. **CR2017/418:** Yasar Onel: Installation and Commissioning of the CMS Hadron Forward Calorimeters Phase I Upgrade, 2017 IEEE
8. **CR2017/446:** Yasar Onel: Commissioning of the CMS Hadron Forward Calorimeters Phase I Upgrade; CHEF 2017
9. **CR2017/449:** Marina Chadeeva: Calibration of the CMS Hadron Calorimeter in Run2; CHEF 2017

**CMS HCAL Completed Detector – Notes. Including papers completed in 2015 and 2016.**

1. **DN2015/042**: Marcus Klute: HCAL 25ns Reconstruction for Run II
2. **DN2016/023**: Suman Chatterjee: Upgrade of HO Weight Factor in Particle-Flow Algorithm
3. **DN2016/026**: Maximilian Heindl: Calibration of HF energy  $Z \rightarrow e\bar{e}$  Run 2
4. **DN2017/001**: Pallabi Das: Jet Pre-firing Studies in 2016 p-p Collision Data
5. **DN2017/004**: Seema Sharma: Energy response in long and short fibers of Hadron Forward calorimeter
6. **DN2017/017**: Burak Bilki: Radioactive Source Calibration Exercise of the CMS Hadron Endcap Calorimeter Test Wedge with Phase I Upgrade Electronics
7. **DN2017/018**: Marek Zielinski: A Model for HCAL Radiation Damage and Extrapolation to Future LHC Running
8. **DN2017/021**: Burak Bilki: CMS Hadron Forward Calorimeter Phase I Upgrade PMT Box Rework Tests
9. **DN2017/048**: Alexi Mestvirishvili: Tests of a Novel Scintillator with Muons