

## **Radiation Damage of CMS HCAL Scintillator/WLS fiber readout during Run1 and Run2**

*Tuesday 19 September 2017 10:27 (1 minute)*

We will summarize measurements of Radiation Damage of Scintillator/WLS fiber readout of CMS HCAL Endcap calorimeter during Run1 and Run2. Measurements were performed using Laser injection system as well as using collisions data, and then confirmed by in-situ Co60 calibrations.

Using these data we predict performance of HCAL Barrel and Endcap detectors for remainder of Run2, Run3 and beyond.

**Has accepted**

**Authors:** CMS EXPERIMENT, CMS experiment (CMS experiment); DE BARBARO, Pawel (University of Rochester (US))

**Session Classification:** Poster Session 1

**Track Classification:** P1\_applications