

Matthew Joyce | Postdoctoral Research Applicant

List of Primary Publications

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Publications and papers to which I have made direct contributions

"Precision timing with LYSO:Ce crystals and SiPM sensors in the CMS MTD barrel timing layer"

Presented at 15th Topical Seminar on Innovative Particle and Radiation Detectors

JINST 15 (2020) C04014

"A MIP Timing Detector for the CMS Phase-2 Upgrade"

Technical Design Report

CERN-LHCC-2019-003, CMS-TDR-020

"First real time detection of ^7Be solar neutrinos by Borexino"

Physics Letters B, Volume 658, Issue 4, 2008