

Abstract Submitted
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Foward Calorimetry in ALICE at LHC TATSUYA CHUJO, University of Tsukuba, ALICE FOCAL COLLABORATION — We present an upgrade proposal for calorimetry in the forward direction, FOCAL, to measure direct photons in $\eta = 3.3 - 5.3$ in ALICE at the Large Hadron Collider (LHC). We suggest to use an electromagnetic calorimeter based on the novel technology of silicon sensors with W absorbers for photons, together with a conventional hadron calorimeter for jet measurements and photon isolation. The current status of the FOCAL R&D project will be presented.

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