

Abstract Submitted
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Inclusive Photons at CMS VANESSA GAULTNEY, STEPHAN LINN,
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Fermi National Accelerator Laboratory, SERGUEI GANJOUR, CEA-Saclay,
NIKOS VARELAS, University of Illinois Chicago, COMPACT MUON SOLENOID
(CMS) COLLABORATION — We present a study of inclusive photons using the
CMS detector. High P_T photons are a sensitive test of perturbative QCD and can
help to constrain the gluon parton distribution function. A template method is
used to discriminate the signal from QCD backgrounds, and systematic errors are
estimated.

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