Selected Publications with Major Contribution

• Measurement of triple-differential cross section for gamma+jet production in proton-proton collisions at $\sqrt{s} = 7$ TeV, CMS Collaboration, CERN document number: CMS-PAS-QCD-11-005 (Public PAS (Physics Analysis Summary)).

• Measurement of the Production Cross Section for Pairs of Isolated Photons in pp collisions at $\sqrt{s} = 7$ TeV, CMS Collaboration, JHEP 01 (2012) 133.


CMS Internal Notes


- First Look at Photon + NJet(s) at CMS, Sudha Ahuja, Sushil Singh Chauhan and Brajesh Chandra Choudhary, CMS Analysis Note 2009/117.

**Posters Presentations**

- Measurement of the Triple-differential-cross-section of $\gamma + \text{jet}$ production at the CMS Week (CMS internal meeting) held at LNEC - Laboratorio Nacional de Engenharia Civil, Lisbon, Portugal from 3rd to 7th September 2012.

- Measurement of the Isolated Prompt Photon Production Cross Section in pp Collisions at $\sqrt{s} = 7$ TeV at the XXV International Symposium on Lepton and Photon Interactions at High Energies conference held at TIFR, Mumbai, India from 22nd to 27th August 2011.

- Measurement of the Production Cross Section of Pairs of Isolated Photons in pp Collisions at $\sqrt{s} = 7$ TeV at the XXV International Symposium on Lepton and Photon Interactions at High Energies conference held at TIFR, Mumbai, India from 22nd to 27th August 2011.

- Measurement of the Isolated Prompt Photon Production Cross Section in pp Collisions at $\sqrt{s} = 7$ TeV at the LHC students poster session, LHCC meeting held at CERN, Geneva, Switzerland on 23rd March 2011.

- Photon Reconstruction and Identification with the CMS Detector in pp Collisions at $\sqrt{s} = 7$ TeV at the Physics in Collision 2010 conference held at Karlsruhe Institute of Technology, Karlsruhe, Germany from 1st to 4th September 2010.
Conference Proceedings


- Photon reconstruction and identification with the CMS detector in pp collisions at $\sqrt{s} = 7$ TeV, Sudha Ahuja for the CMS Collaboration, Proceeding for the XXX Physics in Collision 2010 conference held at Karlsruhe Institute of Technology, Karlsruhe, Germany from 1st to 4th September 2010.