

# List of Publications

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Following list includes: Publications [1], [2] of CMS collaboration to which I have major contribution as part of CMS  $V\gamma$  group; CMS internal, technical notes [3], [4] that I authored together with  $V\gamma$  group members; Published proceedings of conferences [5], [6], [7] I authored together with CMS Web-Based Monitoring (WBM) group; And paper [8] we published together with my Tbilisi State University colleagues during my Masters study period.

- [1] CMS Collaboration. Measurement of the  $W\gamma$  and  $Z\gamma$  cross sections and limits on anomalous triple gauge couplings at  $\sqrt{s} = 7$  TeV. *J. High Energ. Phys. (Submitted for publication)*. <http://cds.cern.ch/record/1537415>.
- [2] CMS Collaboration. Observation of  $Z\gamma$  and  $W\gamma$  final states. *Phys. Lett.*, B701:535–555, 2011. arXiv:1105.2758 [hep-ex].
- [3] Study of  $W\gamma$  and  $Z\gamma$  production at cms with  $\sqrt{s}=7$  TeV. Technical Report CMS-AN-2011/251, CMS Internal Note, 2011.
- [4] Measurement of inclusive  $W\gamma$  and  $Z\gamma$  cross-sections and limits on anomalous trilinear w gauge boson couplings at  $\sqrt{s}=7$  TeV. Technical Report CMS-AN-2010/279, CMS Internal Note, 2010.
- [5] W. Badgett, I. Chakaberia, J.A. Lopez-Perez, K. Maeshima, S. Maruyama, A. Soha, B. Sulmanas, and Z. Wan. New developments in web based monitoring at the cms experiment. *Journal of Physics: Conference Series*, 396(062002), 2012. Proceedings of the International Conference on Computing in High Energy and Nuclear Physics (CHEP 2012).
- [6] W. Badgett, I. Chakaberia, J.A. Lopez-Perez, K. Maeshima, S. Maruyama, A. Soha, B. Sulmanas, and Z. Wan. CMS Online Web-Based Monitoring. *Physics Procedia*, 37(0):1869 – 1875, 2012. Proceedings of the 2nd International Conference on Technology and Instrumentation in Particle Physics (TIPP 2011).
- [7] W. Badgett, I. Chakaberia, J.A. Lopez-Perez, K. Maeshima, S. Maruyama, A. Soha, B. Sulmanas, and Z. Wan. CMS Online Web-Based Monitoring. *Journal of Physics:Conference Series*, 331(022025), 2010. Proceedings of the International Conference on Computing in High Energy and Nuclear Physics (CHEP 2010).
- [8] T. Andronikashvili, T. Butkhuzi, M. Sharvashidze, L. Aptsiauri, I. Chakaberia, and Z. Kutchujashvili. Calculation of pressure necessary to invert conductivity type in ZnO. *Journal Matsne of Georgian Academy of Science*, 28(3-4), 2002.