

ICHEP2012



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## **Wgamma and Zgamma Production in 7Tev pp collisions**

*Friday 6 July 2012 11:00 (15 minutes)*

We present the measurement of  $W\gamma$  and  $Z\gamma$  production cross sections using data corresponding to the full 2010 and 2011 periods of the LHC run. For charged lepton decay modes of  $W$  and  $Z$  bosons the total cross sections are measured for photon transverse energy greater than 15 GeV. We also present the first measurement of  $Z\gamma$  production cross section using the  $n\gamma$  final state for photon transverse energy greater than 145 GeV. The results are also interpreted in terms of limits of anomalous trilinear gauge couplings.

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