

Top quark pair production in association with a photon

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Top quark pairs in association with final state particles are produced in large quantities at the LHC due to the high centre-of-mass energy available in proton-proton collisions. One such topology is that of a prompt photon radiated from the top-quark in addition to the final state particles from the top-quark decay. Presented are the results from the ATLAS experiment, which measured the fiducial cross section as well as differential cross sections with respect to kinematic variables of the photon.

Authors: ATLAS COLLABORATION (CERN); SMITH, Joshua Wyatt (Georg August Universitaet Goettingen (DE))

Presenter: SMITH, Joshua Wyatt (Georg August Universitaet Goettingen (DE))

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