


http://dx.doi.org/10.1063/1.4926581

http://iopscience.iop.org/1742-6596/591/1/012027


71. ATLAS Collaboration (Georges Aad (Marseille, CPPM) et al.). Measurement of the $tt\rightarrow Wt\bar{W}$ and $tt\rightarrow Zt\bar{Z}$ production cross sections in pp collisions at $s=8$ TeV with the ATLAS detector. Journal of High Energy Physics, 1511, 2015:172, (Noviembre, 2015).

72. ATLAS Collaboration (Georges Aad (Marseille, CPPM) et al.). Searches for Higgs boson pair production in the $hh \rightarrow b\bar{b}\tau\tau, \gamma\gamma WW *, \gamma\gamma bb, bbbb$ channels with the ATLAS detector. Phys. Rev. D 92, 092004, (Noviembre, 2015).

73. ATLAS Collaboration (Georges Aad (Marseille, CPPM) et al.). Search for pair production of a new heavy quark that decays into a $W$ boson and a light quark in pp collisions at $s=8$ TeV with the ATLAS detector. Phys. Rev. D 92, 112007, (Diciembre, 2015).


79. ATLAS Collaboration (Georges Aad (Marseille, CPPM) et al.). *Measurement of the branching ratio Γ(Δ_b^0 → ψ(2S)Δ^0)/Γ(Δ_b^0 → J/ψ K^0) with the ATLAS detector.* Physics Letters B, Volume 751, Pages 63–80, (Diciembre, 2015).


81. ATLAS Collaboration (Georges Aad (Marseille, CPPM) et al.). *Summary of the searches for squarks and gluinos using s√ = 8 TeV pp collisions with the ATLAS experiment at the LHC.* Journal of High Energy Physics, 1510, 2015:54, (Octubre, 2015).


83. ATLAS Collaboration (Georges Aad (Marseille, CPPM) et al.). *ATLAS Run 1 searches for direct pair production of third-generation squarks at the Large Hadron Collider.* The European Physical Journal C, 75:510, (Octubre, 2015).


86. ATLAS Collaboration (Georges Aad (Marseille, CPPM) et al.). *Search for the associated production of the Higgs boson with a top quark pair in multilepton final states with the ATLAS detector.* Physics Letters B, Volume 749, Pages 519–541, (Octubre, 2015).

88. ATLAS Collaboration (Georges Aad (Marseille, CPPM) et al.). *Measurement of colour flow with the jet pull angle in t¯t events using the ATLAS detector* at $\sqrt{s} = 8 \text{ TeV}$. Physics Letters B Volume 750, Pages 475–493, (Noviembre, 2015).

89. ATLAS Collaboration (Georges Aad (Marseille, CPPM) et al.). *Modelling $Z \rightarrow \tau \tau$ processes in ATLAS with $\tau$-embedded $Z \rightarrow \mu \mu$ data*. Journal of Instrumentation, Volume 10, P09018, (Septiembre, 2015).

90. ATLAS Collaboration (Georges Aad (Marseille, CPPM) et al.). *Search for metastable heavy charged particles with large ionisation energy loss in pp collisions at $s = 8$ TeV using the ATLAS experiment*. The European Physical Journal C, 75:407, (Septiembre, 2015).


94. ATLAS Collaboration (Georges Aad (Marseille, CPPM) et al.). *Search for Dark Matter in Events with Missing Transverse Momentum and a Higgs Boson Decaying to Two Photons in pp Collisions at $s = 8$ TeV with the ATLAS Detector*. Phys. Rev. Lett. 115, 131801, (Septiembre, 2015).


96. ATLAS Collaboration (Georges Aad (Marseille, CPPM) et al.). *Search for Higgs boson pair production in the bbbb final state from pp collisions at $s = 8$ TeV with the ATLAS detector*. The European Physical Journal C, 75:412, (Septiembre, 2015).
97. ATLAS Collaboration (Georges Aad (Marseille, CPPM) et al.). *Search for new light gauge bosons in Higgs boson decays to four-lepton final states in pp collisions at s=8 TeV with the ATLAS detector at the LHC.* Phys. Rev. D 92, 092001, (Noviembre, 2015).


100. ATLAS Collaboration (Georges Aad (Marseille, CPPM) et al.). *Measurements of the Total and Differential Higgs Boson Production Cross Sections Combining the H\rightarrow\gamma\gamma and H\rightarrow ZZ^*\rightarrow 4\ell Decay Channels at s=8 TeV with the ATLAS Detector.* Phys. Rev. Lett. 115, 091801, (Agosto, 2015).


102. ATLAS Collaboration (Georges Aad (Marseille, CPPM) et al.). *Measurement of the correlation between flow harmonics of different order in lead-lead collisions at s_{NN}=2.76 TeV with the ATLAS detector.* Phys. Rev. C 92, 034903, (Septiembre, 2015).


104. ATLAS Collaboration (Georges Aad (Marseille, CPPM) et al.). *Search for a Heavy Neutral Particle Decaying to e\mu, e\tau, or \mu\tau in pp Collisions at s=8 TeV with the ATLAS Detector.* Phys. Rev. Lett. 115, 031801, (Julio, 2015).


113. ATLAS Collaboration (Georges Aad (Marseille, CPPM) et al.). Measurement of the WW plus WZ cross section and limits on anomalous triple gauge couplings using final states with one lepton, missing transverse momentum, and two jets with the ATLAS detector at root s=7 TeV. Journal of High Energy Physics, 2015:49, (Enero, 2015).


120. ATLAS Collaboration (Georges Aad (Marseille, CPPM) et al.). *Performance of the ATLAS muon trigger in pp collisions at root s=8 TeV*. The European Physical Journal C, (Marzo, 2015). 75:120


127. ATLAS Collaboration (Georges Aad (Marseille, CPPM) et al.). *Search for Higgs and Z Boson Decays to J/psi gamma and Upsilon(nS)gamma with the ATLAS Detector*. Phys. Rev. Lett. 114, 121801, (Marzo, 2015).
128. ATLAS Collaboration (Georges Aad (Marseille, CPPM) et al.). Search for Higgs Boson Pair Production in the gamma gamma b(b)\over-Bar Final State Using pp Collision Data at root s=8 TeV from the ATLAS Detector. Phys. Rev. Lett. 114, 081802, (Febrero, 2015).


139. ATLAS Collaboration (Georges Aad (Marseille, CPPM) et al.). *Search for supersymmetry in events containing a same-flavour opposite-sign dilepton pair, jets, and large missing transverse momentum in root s=8TeV pp collisions with the ATLAS detector.* The European Physical Journal C, 75:318, (Julio, 2015).

140. ATLAS Collaboration (Georges Aad (Marseille, CPPM) et al.). *Search for the b(b)over-bar decay of the Standard Model Higgs boson in associated (W/Z)H production with the ATLAS detector.* Journal of High Energy Physics, 2015:69, (Enero, 2015).


143. ATLAS Collaboration (Georges Aad (Marseille, CPPM) et al.). *Searches for heavy long-lived charged particles with the ATLAS detector in proton-proton collisions at root s=8 TeV.* Journal of High Energy Physics, 2015:68, (Enero, 2015).

144. ATLAS Collaboration (Georges Aad (Marseille, CPPM) et al.). *Simultaneous measurements of the t(t)over-bar, W+W-, and Z/\gamma* -> tau tau production cross-sections in pp collisions at root s=7 TeV with the ATLAS detector.* Phys. Rev. D 91, 052005, (Marzo, 2015).


146. ATLAS Collaboration (Georges Aad (Marseille, CPPM) et al.). *Search for massive, long-lived particles using multitrack displaced vertices or displaced lepton pairs in pp collisions at s\sqrt{=} 8 TeV with the ATLAS detector.* Phys. Rev. D 92, 072004, (Octubre, 2015).

147. ATLAS Collaboration (Georges Aad (Marseille, CPPM) et al.). *Analysis of events with b-jets and a pair of leptons of the same charge in pp collisions at s\sqrt{=} =8 TeV with the ATLAS detector.* Journal of High Energy Physics, 2015:150, (October, 2015).


150. ATLAS Collaboration (Georges Aad (Marseille, CPPM) et al.). *Measurement of the top pair production cross-section in 8 TeV proton-proton collisions using kinematic information in the lepton+jets final state with ATLAS.* Phys. Rev. D 91, 112013, (Junio, 2015).

151. ATLAS Collaboration (Georges Aad (Marseille, CPPM) et al.). *Search for low-scale gravity signatures in multi-jet final states with the ATLAS detector at s√ = 8 TeV.* Journal of High Energy Physics, 2015:32, (Julio, 2015).

152. ATLAS Collaboration (Georges Aad (Marseille, CPPM) et al.). *Search for a new resonance decaying to a W or Z boson and a Higgs boson in the ℓℓ/ℓν/νν+bb̅ final states with the ATLAS Detector.* The European Physical Journal C, 75:263, (Junio, 2015).


155. ATLAS Collaboration (Georges Aad (Marseille, CPPM) et al.). *Search for vector-like B quarks in events with one isolated lepton, missing transverse momentum and jets at s√ = 8 TeV with the ATLAS detector.* Phys. Rev. D 91, 112011, (Junio, 2015).


160. ATLAS Collaboration (Georges Aad (Marseille, CPPM) et al.). Two-particle Bose-Einstein correlations in pp collisions at $s^\sqrt{} = 0.9$ and 7 TeV measured with the ATLAS detector. The European Physical Journal C, 75:466, (Octubre, 2015).


162. ATLAS Collaboration (Georges Aad (Marseille, CPPM) et al.). Search for massive supersymmetric particles decaying to many jets using the ATLAS detector in pp collisions at $\sqrt{s}=8$ TeV. Phys. Rev. D 91, 112016, (Junio, 2015).


166. ATLAS Collaboration (Georges Aad (Marseille, CPPM) et al.). Search for direct pair production of a chargino and a neutralino decaying to the 125 GeV Higgs boson in $\sqrt{s}=8$ TeV pp collisions with the ATLAS detector. The European Physical Journal C, 75:208, (Mayo, 2015).


168. ATLAS Collaboration (Georges Aad (Marseille, CPPM) et al.). Centrality and rapidity dependence of inclusive jet production in $\sqrt{s_{NN}}=5.02$ TeV proton-lead collisions with the ATLAS detector. Physics Letters B, Volume 748, Pages 392–413, (Septiembre, 2015).


