

List of publications of Giuseppe Salamanna

In total I am an author of 426 refereed publications, of which: 274 by the ATLAS Collaboration and 146 by the CDF Collaboration. The publications where I was a primary author are listed in red and placed at the top of the list.

Two main ATLAS publications on which I have worked more recently (one on the b flavour identification performance on the 2011 data; and one on the search for the Standard Model Higgs boson decaying to a pair of W bosons in the $\ell\nu\ell\nu$ channel with the 2012 data) are in preparation.

A complete list of internal and public, non refereed, notes can be found at the end of the CV.

1. **“Observation of $B_s^0 - \bar{B}_s^0$ Oscillations”**
A. Abulencia *et al.* [CDF Collaboration].
hep-ex/0609040
Phys. Rev. Lett. **97**, 242003 (2006)
2. **“Measurement of the top quark pair production cross-section with ATLAS in the single lepton channel”**
G. Aad *et al.* [ATLAS Collaboration].
arXiv:1201.1889 [hep-ex]
Phys. Lett. B **711**, 244 (2012)
3. **“Measurement of the top quark-pair production cross section with ATLAS in pp collisions at $\sqrt{s} = 7$ TeV”**
G. Aad *et al.* [Atlas Collaboration].
arXiv:1012.1792 [hep-ex]
Eur. Phys. J. C **71**, 1577 (2011)
4. **“Measurement of the top quark pair production cross section with ATLAS in pp collisions at $\sqrt{s} = 7$ TeV in the single-lepton channel using semileptonic b decays”**
ATLAS Collaboration.
www: <https://atlas.web.cern.ch/Atlas/GROUPS/PHYSICS/CONFNOTES/ATLAS-CONF-2012-131/>
ATL-CONF-2012-131
5. **“Muon Momentum Resolution in First Pass Reconstruction of pp Collision Data Recorded by ATLAS in 2010”**
ATLAS Collaboration.
www: <https://atlas.web.cern.ch/Atlas/GROUPS/PHYSICS/CONFNOTES/ATLAS-CONF-2011-046/>
ATL-CONF-2011-046
6. **“Performance of the ATLAS Trigger System in 2010”**
G. Aad *et al.* [Atlas Collaboration].
arXiv:1110.1530 [hep-ex]
Eur. Phys. J. C **72**, 1849 (2012)
7. **“Commissioning of the ATLAS Muon Spectrometer with Cosmic Rays”**
G. Aad *et al.* [ATLAS Collaboration].
arXiv:1006.4384 [physics.ins-det]
Eur. Phys. J. C **70**, 875 (2010)

8. **“Measurement of the top quark mass with the ATLAS detector”**
 G. Salamanna
 arXiv:1302.4472 [hep-ex]
 Proceedings of the 36th International Conference on High Energy Physics (ICHEP), 4-11 July 2012, Melbourne, Australia
9. **“Search for microscopic black holes in a like-sign dimuon final state using large track multiplicity with the ATLAS detector”**
 G. Aad *et al.* [ATLAS Collaboration].
 arXiv:1308.4075 [hep-ex]
10. **“Search for direct third-generation squark pair production in final states with missing transverse momentum and two b-jets in $\sqrt{s}=8$ TeV pp collisions with the ATLAS detector”**
 G. Aad *et al.* [ATLAS Collaboration].
 arXiv:1308.2631 [hep-ex]
11. **“Proceedings of 5th International Workshop on Top Quark Physics (TOP2012) : Winchester, UK, September 16-21, 2012”**
 G. Salamanna, V. Boisvert, L. Cerrito, A. Khan, S. Moretti, M. Owen and C. Schwanenberger.
 J. Phys. Conf. Ser. **452** (2013).
12. **“Search for new phenomena in final states with large jet multiplicities and missing transverse momentum at $\sqrt{s}=8$ TeV proton-proton collisions using the ATLAS experiment”**
 G. Aad *et al.* [ATLAS Collaboration].
 arXiv:1308.1841 [hep-ex]
13. **“Search for excited electrons and muons in $\sqrt{s}=8$ TeV proton-proton collisions with the ATLAS detector”**
 G. Aad *et al.* [The ATLAS Collaboration].
 arXiv:1308.1364 [hep-ex]
14. **“Dynamics of isolated-photon plus jet production in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector”**
 G. Aad *et al.* [ATLAS Collaboration].
 arXiv:1307.6795 [hep-ex]
 10.1016/j.nuclphysb.2013.07.025
 Nucl. Phys. B **875**, 483 (2013)
15. **“Measurement of top quark polarization in top-antitop events from proton-proton collisions at $\sqrt{s} = 7$ TeV using the ATLAS detector”**
 G. Aad *et al.* [ATLAS Collaboration].
 arXiv:1307.6511 [hep-ex]
16. **“Measurement of jet shapes in top pair events at $\sqrt{s} = 7$ TeV using the ATLAS detector”**
 G. Aad *et al.* [ATLAS Collaboration].
 arXiv:1307.5749 [hep-ex]
17. **“Measurement of the top quark charge in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector”**
 G. Aad *et al.* [ATLAS Collaboration].
 arXiv:1307.4568 [hep-ex]
18. **“Evidence for the spin-0 nature of the Higgs boson using ATLAS data”**
 G. Aad *et al.* [ATLAS Collaboration].
 arXiv:1307.1432 [hep-ex]
19. **“Measurements of Higgs boson production and couplings in diboson final states with the ATLAS detector at the LHC”**
 G. Aad *et al.* [ATLAS Collaboration].
 arXiv:1307.1427 [hep-ex]

20. **“Measurement of the differential cross-section of B^+ meson production in pp collisions at $\sqrt{s} = 7$ TeV at ATLAS”**
G. Aad *et al.* [ATLAS Collaboration].
arXiv:1307.0126 [hep-ex]
21. **“Measurement of the Azimuthal Angle Dependence of Inclusive Jet Yields in Pb+Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV with the ATLAS detector”**
G. Aad *et al.* [ATLAS Collaboration].
arXiv:1306.6469 [hep-ex]
22. **“Performance of jet substructure techniques for large-R jets in proton-proton collisions at $\sqrt{s} = 7$ TeV using the ATLAS detector”**
G. Aad *et al.* [ATLAS Collaboration].
arXiv:1306.4945 [hep-ex]
23. **“Measurement of the high-mass Drell–Yan differential cross-section in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector”**
G. Aad *et al.* [ATLAS Collaboration].
arXiv:1305.4192 [hep-ex]
10.1016/j.physletb.2013.07.049
Phys. Lett. B **725**, 223 (2013)
24. **“Measurement of the distributions of event-by-event flow harmonics in lead–lead collisions at $\sqrt{s_{NN}}=2.76$ TeV with the ATLAS detector at the LHC”**
G. Aad *et al.* [ATLAS Collaboration].
arXiv:1305.2942 [hep-ex]
25. **“A search for $t\bar{t}$ resonances in the lepton plus jets final state with ATLAS using 4.7 fb $^{-1}$ of pp collisions at $\sqrt{s} = 7$ TeV”**
G. Aad *et al.* [ATLAS Collaboration].
arXiv:1305.2756 [hep-ex]
10.1103/PhysRevD.88.012004
Phys. Rev. D **88**, 012004 (2013)
26. **“Triggers for displaced decays of long-lived neutral particles in the ATLAS detector”**
G. Aad *et al.* [ATLAS Collaboration].
arXiv:1305.2284 [hep-ex]
10.1088/1748-0221/8/07/P07015
JINST **1307**, P07015 (2013)
27. **“Search for resonant diboson production in the $lvjj$ decay channels with the ATLAS detector at 7 TeV”**
G. Aad *et al.* [ATLAS Collaboration].
arXiv:1305.0125 [hep-ex]
10.1103/PhysRevD.87.112006
Phys. Rev. D **87**, 112006 (2013)
28. **“Measurement of the production cross section of jets in association with a Z boson in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector”**
G. Aad *et al.* [ATLAS Collaboration].
arXiv:1304.7098 [hep-ex]
10.1007/JHEP07(2013)032
JHEP **1307**, 032 (2013)
29. **“A study of heavy flavor quarks produced in association with top quark pairs at $\sqrt{s} = 7$ TeV using the ATLAS detector”**
G. Aad *et al.* [ATLAS Collaboration].
arXiv:1304.6386 [hep-ex]

30. **“Search for non-pointing photons in the diphoton and E_T^{miss} final state in $\sqrt{s} = 7$ TeV proton-proton collisions using the ATLAS detector”**
G. Aad *et al.* [ATLAS Collaboration].
arXiv:1304.6310 [hep-ex]
10.1103/PhysRevD.88.012001
Phys. Rev. D **88**, 012001 (2013)
31. **“Measurement of the inclusive jet cross section in pp collisions at $\sqrt{s}=2.76$ TeV and comparison to the inclusive jet cross section at $\sqrt{s}=7$ TeV using the ATLAS detector”**
G. Aad *et al.* [ATLAS Collaboration].
arXiv:1304.4739 [hep-ex]
10.1140/epjc/s10052-013-2509-4
Eur. Phys. J. C **73**, 2509 (2013)
32. **“A particle consistent with the Higgs Boson observed with the ATLAS Detector at the Large Hadron Collider”**
G. Aad *et al.* [ATLAS Collaboration].
10.1126/science.1232005
Science **338**, 1576 (2012).
33. **“Measurement with the ATLAS detector of multi-particle azimuthal correlations in p+Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV”**
G. Aad *et al.* [ATLAS Collaboration].
arXiv:1303.2084 [hep-ex]
10.1016/j.physletb.2013.06.057
Phys. Lett. B **725**, 60 (2013)
34. **“Search for third generation scalar leptoquarks in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector”**
G. Aad *et al.* [ATLAS Collaboration].
arXiv:1303.0526 [hep-ex]
10.1007/JHEP06(2013)033
JHEP **1306**, 033 (2013)
35. **“Characterisation and mitigation of beam-induced backgrounds observed in the ATLAS detector during the 2011 proton-proton run”**
G. Aad *et al.* [ATLAS Collaboration].
arXiv:1303.0223 [hep-ex]
10.1088/1748-0221/8/07/P07004
JINST **1307**, P07004 (2013)
36. **“Search for WH production with a light Higgs boson decaying to prompt electron-jets in proton-proton collisions at $\sqrt{s}=7$ TeV with the ATLAS detector”**
G. Aad *et al.* [ATLAS Collaboration].
arXiv:1302.4403 [hep-ex]
10.1088/1367-2630/15/4/043009
New J. Phys. **15**, 043009 (2013)
37. **“Improved luminosity determination in pp collisions at $\sqrt{s} = 7$ TeV using the ATLAS detector at the LHC”**
G. Aad *et al.* [ATLAS Collaboration].
arXiv:1302.4393 [hep-ex]
10.1140/epjc/s10052-013-2518-3
Eur. Phys. J. C **73**, 2518 (2013)
38. **“Search for a light charged Higgs boson in the decay channel $H^+ \rightarrow c\bar{s}$ in $t\bar{t}$ events using pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector”**
G. Aad *et al.* [ATLAS Collaboration].
arXiv:1302.3694 [hep-ex]
10.1140/epjc/s10052-013-2465-z
Eur. Phys. J. C **73**, 2465 (2013)

39. **“Measurement of the cross-section for W boson production in association with b-jets in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector”**
G. Aad *et al.* [ATLAS Collaboration].
arXiv:1302.2929 [hep-ex]
10.1007/JHEP06(2013)084
JHEP **1306**, 084 (2013)
40. **“Measurement of kT splitting scales in W- ℓ lv events at $\sqrt{s}=7$ TeV with the ATLAS detector”**
G. Aad *et al.* [ATLAS Collaboration].
arXiv:1302.1415 [hep-ex]
10.1140/epjc/s10052-013-2432-8
Eur. Phys. J. C **73**, 2432 (2013)
41. **“Measurements of Wgamma and Zgamma production in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector at the LHC”**
G. Aad *et al.* [ATLAS Collaboration].
arXiv:1302.1283 [hep-ex]
10.1103/PhysRevD.87.112003
Phys. Rev. D **87**, 112003 (2013)
42. **“Measurement of hard double-parton interactions in W- ℓ lv+ 2 jet events at $\sqrt{s}=7$ TeV with the ATLAS detector”**
G. Aad *et al.* [ATLAS Collaboration].
arXiv:1301.6872 [hep-ex]
10.1088/1367-2630/15/3/033038
New J. Phys. **15**, 033038 (2013)
43. **“Search for long-lived, multi-charged particles in pp collisions at $\sqrt{s}=7$ TeV using the ATLAS detector”**
G. Aad *et al.* [ATLAS Collaboration].
arXiv:1301.5272 [hep-ex]
10.1016/j.physletb.2013.04.036
Phys. Lett. B **722**, 305 (2013)
44. **“Search for single b^* -quark production with the ATLAS detector at $\sqrt{s} = 7$ TeV”**
G. Aad *et al.* [ATLAS Collaboration].
arXiv:1301.1583 [hep-ex]
10.1016/j.physletb.2013.03.016
Phys. Lett. B **721**, 171 (2013)
45. **“Multi-channel search for squarks and gluinos in $\sqrt{s} = 7$ TeV pp collisions with the ATLAS detector”**
G. Aad *et al.* [ATLAS Collaboration].
arXiv:1212.6149 [hep-ex]
10.1140/epjc/s10052-013-2362-5
Eur. Phys. J. C **73**, 2362 (2013)
46. **“A search for prompt lepton-jets in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector”**
G. Aad *et al.* [ATLAS Collaboration].
arXiv:1212.5409
10.1016/j.physletb.2013.01.034
Phys. Lett. B **719**, 299 (2013)
47. **“Observation of Associated Near-side and Away-side Long-range Correlations in $\sqrt{s_{NN}}=5.02$ TeV Proton-lead Collisions with the ATLAS Detector”**
G. Aad *et al.* [ATLAS Collaboration].
arXiv:1212.5198 [hep-ex]
10.1103/PhysRevLett.110.182302
Phys. Rev. Lett. **110**, 182302 (2013)

48. **“Search for charged Higgs bosons through the violation of lepton universality in $t\bar{t}$ events using pp collision data at $\sqrt{s} = 7$ TeV with the ATLAS experiment”**
G. Aad *et al.* [ATLAS Collaboration].
arXiv:1212.3572 [hep-ex]
10.1007/JHEP03(2013)076
JHEP **1303**, 076 (2013)
49. **“Search for a heavy narrow resonance decaying to $e\mu$, $e\tau$, or $\mu\tau$ with the ATLAS detector in $\sqrt{s} = 7$ TeV pp collisions at the LHC”**
G. Aad *et al.* [ATLAS Collaboration].
arXiv:1212.1272
10.1016/j.physletb.2013.04.035
Phys. Lett. B **723**, 15 (2013)
50. **“Measurement of Upsilon production in 7 TeV pp collisions at ATLAS”**
G. Aad *et al.* [ATLAS Collaboration].
arXiv:1211.7255 [hep-ex]
10.1103/PhysRevD.87.052004
Phys. Rev. D **87**, 052004 (2013)
51. **“Measurement of the $t\bar{t}$ production cross section in the tau+jets channel using the ATLAS detector”**
G. Aad *et al.* [ATLAS Collaboration].
arXiv:1211.7205 [hep-ex]
10.1140/epjc/s10052-013-2328-7
Eur. Phys. J. C **73**, 2328 (2013)
52. **“Search for the neutral Higgs bosons of the Minimal Supersymmetric Standard Model in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector”**
G. Aad *et al.* [ATLAS Collaboration].
arXiv:1211.6956 [hep-ex]
10.1007/JHEP02(2013)095
JHEP **1302**, 095 (2013)
53. **“Measurement of angular correlations in Drell-Yan lepton pairs to probe Z/gamma* boson transverse momentum at $\sqrt{s}=7$ TeV with the ATLAS detector”**
G. Aad *et al.* [ATLAS Collaboration].
arXiv:1211.6899 [hep-ex]
10.1016/j.physletb.2013.01.054
Phys. Lett. B **720**, 32 (2013)
54. **“Measurement of ZZ production in pp collisions at $\sqrt{s} = 7$ TeV and limits on anomalous ZZZ and $ZZ\gamma$ couplings with the ATLAS detector”**
G. Aad *et al.* [ATLAS Collaboration].
arXiv:1211.6096 [hep-ex]
10.1007/JHEP03(2013)128
JHEP **1303**, 128 (2013)
55. **“Search for resonances decaying into top-quark pairs using fully hadronic decays in pp collisions with ATLAS at $\sqrt{s} = 7$ TeV”**
G. Aad *et al.* [ATLAS Collaboration].
arXiv:1211.2202 [hep-ex]
10.1007/JHEP01(2013)116
JHEP **1301**, 116 (2013)
56. **“Measurement of isolated-photon pair production in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector”**
G. Aad *et al.* [ATLAS Collaboration].
arXiv:1211.1913 [hep-ex]
10.1007/JHEP01(2013)086
JHEP **1301**, 086 (2013)

57. **“Searches for heavy long-lived sleptons and R-Hadrons with the ATLAS detector in pp collisions at $\sqrt{s} = 7$ TeV”**
G. Aad *et al.* [ATLAS Collaboration].
arXiv:1211.1597 [hep-ex]
10.1016/j.physletb.2013.02.015
Phys. Lett. B **720**, 277 (2013)
58. **“Search for supersymmetry in events with photons, bottom quarks, and missing transverse momentum in proton-proton collisions at a centre-of-mass energy of 7 TeV with the ATLAS detector”**
G. Aad *et al.* [ATLAS Collaboration].
arXiv:1211.1167 [hep-ex]
10.1016/j.physletb.2013.01.041
Phys. Lett. B **719**, 261 (2013)
59. **“Search for contact interactions and large extra dimensions in dilepton events from pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector”**
G. Aad *et al.* [ATLAS Collaboration].
arXiv:1211.1150 [hep-ex]
10.1103/PhysRevD.87.015010
Phys. Rev. D **87**, 015010 (2013)
60. **“Search for Extra Dimensions in diphoton events using proton-proton collisions recorded at $\sqrt{s} = 7$ TeV with the ATLAS detector at the LHC”**
G. Aad *et al.* [ATLAS Collaboration].
arXiv:1210.8389 [hep-ex]
10.1088/1367-2630/15/4/043007
New J. Phys. **15**, 043007 (2013)
61. **“Muon Detection Based on a Hadronic Calorimeter”**
T. Ciodaro *et al.* [on behalf of the ATLAS TDAQ Collaboration].
62. **“The ATLAS Level-1 Muon Barrel Trigger timing studies using combined trigger and offline tracking”**
G. Salamanna.
63. **“The ATLAS Trigger/DAQ Authorlist, version 4.0”**
M. Abolins *et al.* [ATLAS Collaboration].
64. **“Triggering on Long-Lived Neutral Particles in the ATLAS Detector”**
G. Aad *et al.* [ATLAS Collaboration].
65. **“Search for long-lived, heavy particles in final states with a muon and multi-track displaced vertex in proton-proton collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector”**
G. Aad *et al.* [ATLAS Collaboration].
arXiv:1210.7451 [hep-ex]
10.1016/j.physletb.2013.01.042
Phys. Lett. B **719**, 280 (2013)
66. **“A search for high-mass resonances decaying to $\tau^+\tau^-$ in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector”**
G. Aad *et al.* [ATLAS Collaboration].
arXiv:1210.6604 [hep-ex]
10.1016/j.physletb.2013.01.040
Phys. Lett. B **719**, 242 (2013)
67. **“Measurement of Z boson Production in Pb+Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV with the ATLAS Detector”**
G. Aad *et al.* [ATLAS Collaboration].
arXiv:1210.6486 [hep-ex]
10.1103/PhysRevLett.110.022301
Phys. Rev. Lett. **110**, 022301 (2013)

68. **“Jet energy resolution in proton-proton collisions at $\sqrt{s} = 7$ TeV recorded in 2010 with the ATLAS detector”**
G. Aad *et al.* [ATLAS Collaboration].
arXiv:1210.6210 [hep-ex]
10.1140/epjc/s10052-013-2306-0
Eur. Phys. J. C **73**, 2306 (2013)
69. **“Search for pair production of heavy top-like quarks decaying to a high-pT W boson and a b quark in the lepton plus jets final state at $\sqrt{s}=7$ TeV with the ATLAS detector”**
G. Aad *et al.* [ATLAS Collaboration].
arXiv:1210.5468 [hep-ex]
10.1016/j.physletb.2012.11.071
Phys. Lett. B **718**, 1284 (2013)
70. **“Search for doubly-charged Higgs bosons in like-sign dilepton final states at $\sqrt{s} = 7$ TeV with the ATLAS detector”**
G. Aad *et al.* [ATLAS Collaboration].
arXiv:1210.5070 [hep-ex]
10.1140/epjc/s10052-012-2244-2
Eur. Phys. J. C **72**, 2244 (2012)
71. **“Search for pair-produced massive coloured scalars in four-jet final states with the ATLAS detector in proton-proton collisions at $\sqrt{s} = 7$ TeV”**
G. Aad *et al.* [ATLAS Collaboration].
arXiv:1210.4826 [hep-ex]
10.1140/epjc/s10052-012-2263-z
Eur. Phys. J. C **73**, 2263 (2013)
72. **“Search for pair production of massive particles decaying into three quarks with the ATLAS detector in $\sqrt{s} = 7$ TeV pp collisions at the LHC”**
G. Aad *et al.* [ATLAS Collaboration].
arXiv:1210.4813 [hep-ex]
10.1007/JHEP12(2012)086
JHEP **1212**, 086 (2012)
73. **“Search for anomalous production of prompt like-sign lepton pairs at $\sqrt{s} = 7$ TeV with the ATLAS detector”**
G. Aad *et al.* [ATLAS Collaboration].
arXiv:1210.4538 [hep-ex]
10.1007/JHEP12(2012)007
JHEP **1212**, 007 (2012)
74. **“Search for dark matter candidates and large extra dimensions in events with a jet and missing transverse momentum with the ATLAS detector”**
G. Aad *et al.* [ATLAS Collaboration].
arXiv:1210.4491 [hep-ex]
10.1007/JHEP04(2013)075
JHEP **1304**, 075 (2013)
75. **“Search for R-parity-violating supersymmetry in events with four or more leptons in $\sqrt{s} = 7$ TeV pp collisions with the ATLAS detector”**
G. Aad *et al.* [ATLAS Collaboration].
arXiv:1210.4457 [hep-ex]
10.1007/JHEP12(2012)124
JHEP **1212**, 124 (2012)
76. **“Measurement of W^+W^- production in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector and limits on anomalous WWZ and $WW\gamma$ couplings”**
G. Aad *et al.* [ATLAS Collaboration].
arXiv:1210.2979 [hep-ex]

- 10.1103/PhysRevD.87.112001
Phys. Rev. D **87**, 112001 (2013)
77. **“Search for direct chargino production in anomaly-mediated supersymmetry breaking models based on a disappearing-track signature in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector”**
G. Aad *et al.* [ATLAS Collaboration].
arXiv:1210.2852 [hep-ex]
10.1007/JHEP01(2013)131
JHEP **1301**, 131 (2013)
 78. **“ATLAS search for new phenomena in dijet mass and angular distributions using pp collisions at $\sqrt{s} = 7$ TeV”**
G. Aad *et al.* [ATLAS Collaboration].
arXiv:1210.1718 [hep-ex]
10.1007/JHEP01(2013)029
JHEP **1301**, 029 (2013)
 79. **“Search for Supersymmetry in Events with Large Missing Transverse Momentum, Jets, and at Least One Tau Lepton in 7 TeV Proton-Proton Collision Data with the ATLAS Detector”**
G. Aad *et al.* [ATLAS Collaboration].
arXiv:1210.1314 [hep-ex]
10.1140/epjc/s10052-012-2215-7
Eur. Phys. J. C **72**, 2215 (2012)
 80. **“Measurement of the flavour composition of dijet events in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector”**
G. Aad *et al.* [ATLAS Collaboration].
arXiv:1210.0441 [hep-ex]
10.1140/epjc/s10052-013-2301-5
Eur. Phys. J. C **73**, 2301 (2013)
 81. **“Search for displaced muonic lepton jets from light Higgs boson decay in proton-proton collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector”**
G. Aad *et al.* [ATLAS Collaboration].
arXiv:1210.0435 [hep-ex]
10.1016/j.physletb.2013.02.058
Phys. Lett. B **721**, 32 (2013)
 82. **“Search for resonant top plus jet production in $t\bar{t}$ + jets events with the ATLAS detector in pp collisions at $\sqrt{s} = 7$ TeV”**
G. Aad *et al.* [ATLAS Collaboration].
arXiv:1209.6593 [hep-ex]
10.1103/PhysRevD.86.091103
Phys. Rev. D **86**, 091103 (2012)
 83. **“Search for dark matter candidates and large extra dimensions in events with a photon and missing transverse momentum in pp collision data at $\sqrt{s} = 7$ TeV with the ATLAS detector”**
G. Aad *et al.* [ATLAS Collaboration].
arXiv:1209.4625 [hep-ex]
10.1103/PhysRevLett.110.011802
Phys. Rev. Lett. **110**, 011802 (2013)
 84. **“ATLAS search for a heavy gauge boson decaying to a charged lepton and a neutrino in pp collisions at $\sqrt{s} = 7$ TeV”**
G. Aad *et al.* [ATLAS Collaboration].
arXiv:1209.4446 [hep-ex]
10.1140/epjc/s10052-012-2241-5
Eur. Phys. J. C **72**, 2241 (2012)

85. **“Search for a heavy top-quark partner in final states with two leptons with the ATLAS detector at the LHC”**
G. Aad *et al.* [ATLAS Collaboration].
arXiv:1209.4186 [hep-ex]
10.1007/JHEP11(2012)094
JHEP **1211**, 094 (2012)
86. **“Search for high-mass resonances decaying to dilepton final states in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector”**
G. Aad *et al.* [ATLAS Collaboration].
arXiv:1209.2535 [hep-ex]
10.1007/JHEP11(2012)138
JHEP **1211**, 138 (2012)
87. **“Search for light top squark pair production in final states with leptons and b^- jets with the ATLAS detector in $\sqrt{s} = 7$ TeV proton-proton collisions”**
G. Aad *et al.* [ATLAS Collaboration].
arXiv:1209.2102 [hep-ex]
10.1016/j.physletb.2013.01.049
Phys. Lett. B **720**, 13 (2013)
88. **“Search for diphoton events with large missing transverse momentum in 7 TeV proton-proton collision data with the ATLAS detector”**
G. Aad *et al.* [ATLAS Collaboration].
arXiv:1209.0753 [hep-ex]
10.1016/j.physletb.2012.10.069
Phys. Lett. B **718**, 411 (2012)
89. **“Measurements of the pseudorapidity dependence of the total transverse energy in proton-proton collisions at $\sqrt{s} = 7$ TeV with ATLAS”**
G. Aad *et al.* [ATLAS Collaboration].
arXiv:1208.6256 [hep-ex]
10.1007/JHEP11(2012)033
JHEP **1211**, 033 (2012)
90. **“Further search for supersymmetry at $\sqrt{s} = 7$ TeV in final states with jets, missing transverse momentum and isolated leptons with the ATLAS detector”**
G. Aad *et al.* [ATLAS Collaboration].
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