

F. Gerald Oakham

Full Publication list

ATLAS Publications during taking period

1. **“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]
Phys. Rev. D **88**, 072001 (2013)
2. **“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]
JHEP **1310**, 189 (2013)
3. **“Search for new phenomena using final states with large jet multiplicities and missing transverse momentum with ATLAS in 20 fb⁻¹ of $\sqrt{s}=8$ TeV proton-proton collisions”**
G. Aad *et al.* [ATLAS Collaboration].
arXiv:1308.1841 [hep-ex]
JHEP **1310**, 130 (2013)
4. **“Search for excited electrons and muons with proton-proton collisions at $\sqrt{s}=8$ TeV with the ATLAS detector”**
G. Aad *et al.* [ATLAS Collaboration].
arXiv:1308.1364 [hep-ex]
New J. Phys. **15**, 093011 (2013)
5. **“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]
Nucl. Phys. B **875**, 483-535 (2013)
6. **“Measurement of the top quark charge in pp collisions at $\sqrt{s}=7$ TeV at ATLAS”**
G. Aad *et al.* [ATLAS Collaboration].
arXiv:1307.4568 [hep-ex]
JHEP **1311**, 031 (2013)
7. **“Evidence for the spin-0 nature of the Higgs boson using ATLAS data”**
G. Aad *et al.* [ATLAS Collaboration].

- arXiv:1307.1432 [hep-ex]
Phys. Lett. B **726**, 120-144 (2013)
8. **“Measurements of Higgs production and couplings using diboson final states with the ATLAS detector at the LHC”**
G. Aad *et al.* [ATLAS Collaboration].
arXiv:1307.1427 [hep-ex]
Phys. Lett. B **726**, 88-119 (2013)
 9. **“Measurement of the differential cross-section of B^+ production in pp collisions at $\sqrt{s}=7$ TeV at ATLAS”**
G. Aad *et al.* [ATLAS Collaboration].
arXiv:1307.0126 [hep-ex]
JHEP **1310**, 042 (2013)
 10. **“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]
Phys. Rev. Lett. **111**, 152301 (2013)
 11. **“Performance of large-R jets and jet substructure reconstruction with the ATLAS detector at $\sqrt{s}=7$ TeV”**
G. Aad *et al.* [ATLAS Collaboration].
arXiv:1306.4945 [hep-ex]
JHEP **1309**, 076 (2013)
 12. **“Measurement of the high-mass Drell-Yann 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]
Phys. Lett. B **725**, 223-242 (2013)
 13. **“A search for $t\bar{t}$ -bar 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]
Phys. Rev. D **88**, 012004 (2013)
 14. **“Triggers for Displaced Decays of Long-lived Neutral Particles in the ATLAS Detector”**
G. Aad *et al.* [ATLAS Collaboration].
arXiv:1305.2284 [hep-ex]
JINST **8**, P07015 (2013).
 15. **“Search for resonant diboson production in the $lvjj$ decay channels with the ATLAS detector at $\sqrt{s}=7$ TeV”**

- G. Aad *et al.* [ATLAS Collaboration].
arXiv:1305.0125 [hep-ex]
10.1103/PhysRevD.87.112006
Phys. Rev. D **87**, 112006 (2013)
16. **“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]
JHEP **1307**, 032 (2013)
17. **“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]
Phys. Rev. D **88**, 012001 (2013)
18. **“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]
Eur. Phys. J. C **73**, 2509 (2013)
19. **“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).
20. **“Measurement of multi-particle azimuthal correlations in proton-lead collisions at $\sqrt{s_{\text{NN}}}=5.02$ TeV with the ATLAS detector”**
G. Aad *et al.* [ATLAS Collaboration].
arXiv:1303.2084 [hep-ex]
Phys. Lett. B **725**, 60 (2013)
21. **“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)
22. **“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]
JINST **8**, P07004 (2013).
23. **“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)
 24. **“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]
Eur. Phys. J. C **73**, 2518 (2013)
 25. **“Search for a light charged Higgs boson in the decay channel $H^+ \rightarrow \bar{c}s$ in tt 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)
 26. **“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)
 27. **“Measurement of kT splitting scales in $W \rightarrow l\nu$ 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)
 28. **“Measurements of $W\gamma$ and $Z\gamma$ 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)
 29. **“Measurement of hard double-parton interactions in $W(\rightarrow l\nu) + 2$ 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)
30. **“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)
31. **“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), [Phys. Lett. B **721**, 171 (2013)]
32. **“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)
33. **“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 [hep-ex]
10.1016/j.physletb.2013.01.034
Phys. Lett. B **719**, 299 (2013)
34. **“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)
35. **“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)
36. **“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 [hep-ex]
 10.1016/j.physletb.2013.04.035
 Phys. Lett. B **723**, 15 (2013)
 37. **“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)
 38. **“ Measurement of the $t\bar{t}$ production cross-section in the τ^+ 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)
 39. **“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)
 40. **“Measurement of angular correlations in Drell-Yan lepton pairs to probe Z/γ^* 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)
 41. **“Search for new phenomena in events with three charged leptons at $\sqrt{s}=7$ TeV with the ATLAS detector”**
 G. Aad *et al.* [ATLAS Collaboration].
 arXiv:1211.6312 [hep-ex]
 10.1103/PhysRevD.87.052002
 Phys. Rev. D **87**, 052002 (2013)
 42. **“Measurement of ZZ production in pp collisions at $\sqrt{s}=7$ TeV and limits on anomalous ZZZ and ZZ γ 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)
43. **“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)
44. **“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)
45. **“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)
46. **“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)
47. **“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)
48. **“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)
49. **“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)
50. **“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)
51. **“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)
52. **“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)
53. **“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)
54. **“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)
55. **“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)
56. **“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)
57. **“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)
58. **“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)
59. **“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)
60. **“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)

61. **“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)
62. **“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)
63. **“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)
64. **“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)
65. **“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)
66. **“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)

67. **“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)
68. **“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)
69. **“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)
70. **“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)
71. **“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**, 13-31 (2013)
72. **“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)
73. **“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)
74. **“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].
arXiv:1208.4688 [hep-ex]
10.1103/PhysRevD.86.092002
Phys. Rev. D **86**, 092002 (2012)
75. **“Search for light scalar top quark pair production in final states with two leptons with the ATLAS detector in $\sqrt{s}=7$ TeV proton-proton collisions”**
G. Aad *et al.* [ATLAS Collaboration].
arXiv:1208.4305 [hep-ex]
10.1140/epjc/s10052-012-2237-1
Eur. Phys. J. C **72**, 2237 (2012)
76. **“Search for direct production of charginos and neutralinos in events with three leptons and missing transverse momentum in $\sqrt{s}=7$ TeV pp collisions with the ATLAS detector”**
G. Aad *et al.* [ATLAS Collaboration].
arXiv:1208.3144 [hep-ex]
10.1016/j.physletb.2012.11.039
Phys. Lett. B **718**, 841 (2013)
77. **“Search for direct slepton and gaugino production in final states with two leptons and missing transverse momentum with the ATLAS detector in pp collisions at $\sqrt{s}=7$ TeV”**
G. Aad *et al.* [ATLAS Collaboration].
arXiv:1208.2884 [hep-ex]
10.1016/j.physletb.2012.11.058
Phys. Lett. B **718**, 879 (2013)
78. **“Search for new phenomena in the $WW \rightarrow l\nu l' \nu'$ final state in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector”**
G. Aad *et al.* [ATLAS Collaboration].
arXiv:1208.2880 [hep-ex]
10.1016/j.physletb.2012.11.040
Phys. Lett. B **718**, 860 (2013)
79. **“Search for direct top squark pair production in final states with one isolated lepton, jets, and missing transverse momentum in $\sqrt{s}=7$ TeV pp collisions using 4.7 fb^{-1} of ATLAS data”**
G. Aad *et al.* [ATLAS Collaboration].
arXiv:1208.2590 [hep-ex]

- 10.1103/PhysRevLett.109.211803
 Phys. Rev. Lett. **109**, 211803 (2012)
80. **“Measurement of the jet radius and transverse momentum dependence of inclusive jet suppression in lead-lead collisions at $\sqrt{s_{\text{NN}}}=2.76$ TeV with the ATLAS detector”**
 G. Aad *et al.* [ATLAS Collaboration].
 arXiv:1208.1967 [hep-ex]
 10.1016/j.physletb.2013.01.024
 Phys. Lett. B **719**, 220 (2013)
81. **“Search for a supersymmetric partner to the top quark in final states with jets and missing transverse momentum at $\sqrt{s}=7$ TeV with the ATLAS detector”**
 G. Aad *et al.* [ATLAS Collaboration].
 arXiv:1208.1447 [hep-ex]
 10.1103/PhysRevLett.109.211802
 Phys. Rev. Lett. **109**, 211802 (2012)
82. **“Measurement of WZ production in proton-proton collisions at $\sqrt{s}=7$ TeV with the ATLAS detector”**
 G. Aad *et al.* [ATLAS Collaboration].
 arXiv:1208.1390 [hep-ex]
 10.1140/epjc/s10052-012-2173-0
 Eur. Phys. J. C **72**, 2173 (2012)
83. **“Search for squarks and gluinos with the ATLAS detector in final states with jets and missing transverse momentum using 4.7fb^{-1} of $\sqrt{s}=7$ TeV proton-proton collision data”**
 G. Aad *et al.* [ATLAS Collaboration].
 arXiv:1208.0949 [hep-ex]
 10.1103/PhysRevD.87.012008
 Phys. Rev. D **87**, 012008 (2013)
84. **“Time-dependent angular analysis of the decay $B_s \rightarrow J/\psi \phi$ and extraction of $\Delta\Gamma_s$ and the CP-violating weak phase ϕ_s by ATLAS”**
 G. Aad *et al.* [ATLAS Collaboration].
 arXiv:1208.0572 [hep-ex]
 10.1007/JHEP12(2012)072
 JHEP **1212**, 072 (2012)
85. **“Underlying event characteristics and their dependence on jet size of charged-particle jet events in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector”**
 G. Aad *et al.* [ATLAS Collaboration].
 arXiv:1208.0563 [hep-ex]
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Authors of large collaborations

Particle physics experiments have grown in size and complexity over the past 30 years. Experiments of the 70s could be constructed, run and analyzed by a handful of physicists. This is no longer the case. The ATLAS experiment is a huge undertaking; a 6000 ton behemoth with many complex detector systems and a data acquisition system with a computing capability far exceeding the facilities of many universities. These experiments require a large team of engineers and physicists to function. For ATLAS this collaboration is currently around 3000, a number which makes authorship of papers a complex issue. It is important not only that each collaborator's work is recognized but also that a person has contributed before his or her name is on a paper. Within ATLAS, for example, this is handled by an authorship committee.

Collaboration author lists are not provided in this CV as they have changed from paper to paper. The number of authors for each collaboration were/are approximately:-

EMC	(1980s)	124
OPAL	(1990s)	300
ATLAS	(present)	3000