

List of publications of Dr. Wolfgang Wagner

My publications are ordered in 10 categories. The number of publications is given in parentheses.

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2. ATLAS publications (396)
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1 Overview Articles

1. H. Lacker, A. Menzel, F. Spettel, D. Hirschtbühl, J. Lück, F. Maltoni, W. Wagner, M. Zaro, *Model-independent extraction of $|V_{tq}|$ matrix elements from top-quark measurements at hadron colliders*, Eur. Phys. J. C 72 (2012) 2048. arXiv:1202.4694 [hep-ph].
2. P. Uwer and W. Wagner, *Top quarks: The peak of the mass hierarchy?*, Published in I. Brock and Th. Schoerner-Sadenius (eds.): *Physics at the terascale*, 187-208, 2011.
3. W. Wagner, *Top-Antitop-Quark Production and Decay Properties at the Tevatron*, Mod. Phys. Lett. A 25, 1297–1314, 2010. arXiv:1003.4359 [hep-ex], FERMILAB-PUB-10-056-E, CDF-PHYS-TOP-PUBLIC-10107.
4. Dominic Hirschtbühl, Wolfgang Wagner, Jeannine Wagner-Kuhr, *Die Sumo-Ringer im Teilchenzoo*, Physik Journal 8, 37–42 (2009) Nr. 7.
5. Joseph R. Incandela, Arnulf Quadt, Wolfgang Wagner, Daniel Wicke, *Status and Prospects of Top-Quark Physics*, Progress in Particle and Nuclear Physics 63 (2009) 239–292. arXiv:0904.2499 [hep-ex].
6. W. Wagner, *Top quark physics in hadron collisions*, Reports on Progress in Physics 68 (2005) 2409–2494. hep-ph/0507207. Habilitationsschrift.

2 ATLAS Publications

1. ATLAS Collaboration (G. Aad *et al.*), *Measurement of the forward-backward asymmetry of electron and muon pair-production in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector*, arXiv:1503.03709 [hep-ex].
2. ATLAS Collaboration (G. Aad *et al.*), *Determination of spin and parity of the Higgs boson in the $WW^* \rightarrow e\nu\mu\nu$ decay channel with the ATLAS detector*, arXiv:1503.03643 [hep-ex].
3. ATLAS Collaboration (G. Aad *et al.*), *Search for supersymmetry in events containing a same-flavour opposite-sign dilepton pair, jets, and large missing transverse momentum in $\sqrt{s} = 8$ TeV pp collisions with the ATLAS detector*, arXiv:1503.03290 [hep-ex].

4. ATLAS Collaboration (G. Aad *et al.*), *Evidence of $W\gamma\gamma$ production in pp collisions at $\sqrt{s} = 8$ TeV and limits on anomalous quartic gauge couplings with the ATLAS detector*, arXiv:1503.03243 [hep-ex].
5. ATLAS Collaboration (G. Aad *et al.*), *Determination of the off-shell Higgs boson signal strength in the high-mass ZZ and WW final states with the ATLAS detector*, arXiv:1503.01060 [hep-ex].
6. ATLAS Collaboration (G. Aad *et al.*), *Two-particle Bose-Einstein correlations in pp collisions at $\sqrt{s} = 0.9$ and 7 TeV measured with the ATLAS detector*, arXiv:1502.07947 [hep-ex].
7. ATLAS Collaboration (G. Aad *et al.*), *A search for high-mass resonances decaying to $\tau^+\tau^-$ in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector*, arXiv:1502.07177 [hep-ex].
8. ATLAS Collaboration (G. Aad *et al.*), *Differential top-antitop cross-section measurements as a function of observables constructed from final-state particles using pp collisions at $\sqrt{s} = 7$ TeV in the ATLAS detector*, arXiv:1502.05923 [hep-ex].
9. ATLAS Collaboration (G. Aad *et al.*), *Search for massive supersymmetric particles decaying to many jets using the ATLAS detector in pp collisions at $\sqrt{s} = 8$ TeV*, arXiv:1502.05686 [hep-ex].
10. ATLAS Collaboration (G. Aad *et al.*), *Search for a CP-odd Higgs boson decaying to Zh in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector*, arXiv:1502.04478 [hep-ex].
11. ATLAS Collaboration (G. Aad *et al.*), *Search for new phenomena in final states with an energetic jet and large missing transverse momentum in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector*, arXiv:1502.01518 [hep-ex].
12. ATLAS Collaboration (G. Aad *et al.*), *Observation of top-quark pair production in association with a photon and measurement of the $t\bar{t}\gamma$ production cross section in pp collisions at $\sqrt{s} = 7$ TeV using the ATLAS detector*, arXiv:1502.00586 [hep-ex].
13. ATLAS Collaboration (G. Aad *et al.*), *Measurement of the charge asymmetry in dileptonic decays of top quark pairs in pp collisions at $\sqrt{s} = 7$ TeV using the ATLAS detector*, arXiv:1501.07383 [hep-ex].
14. ATLAS Collaboration (G. Aad *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*, arXiv:1501.07110 [hep-ex].
15. ATLAS Collaboration (G. Aad *et al.*), *Evidence for the Higgs-boson Yukawa coupling to tau leptons with the ATLAS detector*, arXiv:1501.04943 [hep-ex].
16. ATLAS Collaboration (G. Aad *et al.*), *Search for pair-produced long-lived neutral particles decaying in the ATLAS hadronic calorimeter in pp collisions at $\sqrt{s} = 8$ TeV*, arXiv:1501.04020 [hep-ex].
17. ATLAS Collaboration (G. Aad *et al.*), *Search for squarks and gluinos in events with isolated leptons, jets and missing transverse momentum at $\sqrt{s} = 8$ TeV with the ATLAS detector*, arXiv:1501.03555 [hep-ex].
18. ATLAS Collaboration (G. Aad *et al.*), *Search for Higgs and Z Boson Decays to $J/\psi\gamma$ and $\Upsilon(nS)\gamma$ with the ATLAS Detector*, arXiv:1501.03276 [hep-ex].
19. ATLAS Collaboration (G. Aad *et al.*), *Search for Scalar-Charm Pair Production in pp Collisions at $\sqrt{s} = 8$ TeV with the ATLAS Detector*, arXiv:1501.01325 [hep-ex].
20. ATLAS Collaboration (G. Aad *et al.*), *Identification and energy calibration of hadronically decaying tau leptons with the ATLAS experiment in pp collisions at $\sqrt{s} = 8$ TeV*, arXiv:1412.7086 [hep-ex].
21. ATLAS Collaboration (G. Aad *et al.*), *Search for charged Higgs bosons decaying via $H^\pm \rightarrow \tau^\pm\nu$ in fully hadronic final states using pp collision data at $\sqrt{s} = 8$ TeV with the ATLAS detector*, arXiv:1412.6663 [hep-ex].
22. ATLAS Collaboration (G. Aad *et al.*), *Observation and measurements of the production of prompt and non-prompt J/ψ mesons in association with a Z boson in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector*, arXiv:1412.6428 [hep-ex].
23. ATLAS Collaboration (G. Aad *et al.*), *Measurement of Spin Correlation in Top-Antitop Quark Events and Search for Top Squark Pair Production in pp Collisions at $\sqrt{s} = 8$ TeV Using the ATLAS Detector*, arXiv:1412.4742 [hep-ex].

24. ATLAS Collaboration (G. Aad *et al.*), *Centrality and rapidity dependence of inclusive jet production in $\sqrt{s_{NN}} = 5.02$ TeV proton-lead collisions with the ATLAS detector*, arXiv:1412.4092 [hep-ex].
25. ATLAS Collaboration (G. Aad *et al.*), *Observation and measurement of Higgs boson decays to WW^* with the ATLAS detector*, arXiv:1412.2641 [hep-ex].
26. ATLAS Collaboration (G. Aad *et al.*), *Measurement of the transverse polarization of Λ and $\bar{\Lambda}$ hyperons produced in proton-proton collisions at $\sqrt{s} = 7$ TeV using the ATLAS detector*, Phys. Rev. D 91 (2015) 3, 032004. arXiv:1412.1692 [hep-ex].
27. ATLAS Collaboration (G. Aad *et al.*), *Search for anomalous production of prompt same-sign lepton pairs and pair-produced doubly charged Higgs bosons with $\sqrt{s} = 8$ TeV pp collisions using the ATLAS detector*, arXiv:1412.0237 [hep-ex].
28. ATLAS Collaboration (G. Aad *et al.*), *Searches for heavy long-lived charged particles with the ATLAS detector in proton-proton collisions at $\sqrt{s} = 8$ TeV*, JHEP 1501 (2015) 068. arXiv:1411.6795 [hep-ex].
29. ATLAS Collaboration (G. Aad *et al.*), *Search for new phenomena in events with three or more charged leptons in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector*, arXiv:1411.2921 [hep-ex].
30. ATLAS Collaboration (G. Aad *et al.*), *Measurements of the Nuclear Modification Factor for Jets in Pb+Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV with the ATLAS Detector*, Phys. Rev. Lett. 114 (2015) 7, 072302. arXiv:1411.2357 [hep-ex].
31. ATLAS Collaboration (G. Aad *et al.*), *Measurement of three-jet production cross-sections in pp collisions at 7 TeV centre-of-mass energy using the ATLAS detector*, arXiv:1411.1855 [hep-ex].
32. ATLAS Collaboration (G. Aad *et al.*), *Search for new phenomena in events with a photon and missing transverse momentum in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector*, Phys. Rev. D 91 (2015) 1, 012008. arXiv:1411.1559 [hep-ex].
33. ATLAS Collaboration (G. Aad *et al.*), *Measurement of the inclusive jet cross-section in proton-proton collisions at $\sqrt{s} = 7$ TeV using 4.5 fb^{-1} of data with the ATLAS detector*, JHEP 1502 (2015) 153. arXiv:1410.8857 [hep-ex].
34. ATLAS Collaboration (G. Aad *et al.*), *Measurement of the $WW + WZ$ 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 $\sqrt{s} = 7$ TeV*, JHEP 1501 (2015) 049. arXiv:1410.7238 [hep-ex].
35. ATLAS Collaboration (G. Aad *et al.*), *Search for invisible particles produced in association with single-top-quarks in proton-proton collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector*, Eur. Phys. J. C 75 (2015) 2, 79. arXiv:1410.5404 [hep-ex].
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37. ATLAS Collaboration (G. Aad *et al.*), *Search for $W' \rightarrow t\bar{b}$ in the lepton plus jets final state in proton-proton collisions at a centre-of-mass energy of $\sqrt{s} = 8$ TeV with the ATLAS detector*, Phys. Lett. B 743 (2015) 235-255. arXiv:1410.4103 [hep-ex].
38. ATLAS Collaboration (G. Aad *et al.*), *Search for dark matter in events with heavy quarks and missing transverse momentum in pp collisions with the ATLAS detector*, Eur. Phys. J. C 75 (2015) 2, 92. arXiv:1410.4031 [hep-ex].
39. ATLAS Collaboration (G. Aad *et al.*), *Search for s-channel single top-quark production in proton-proton collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector*, Phys. Lett. B 740 (2014) 118-136. arXiv:1410.0647 [hep-ex].
40. ATLAS Collaboration (G. Aad *et al.*), *Measurements of the W production cross sections in association with jets with the ATLAS detector*, Eur. Phys. J. C 75 (2015) 2, 82. arXiv:1409.8639 [hep-ex].
41. ATLAS Collaboration (G. Aad *et al.*), *Search for the $b\bar{b}$ decay of the Standard Model Higgs boson in associated (W/Z)H production with the ATLAS detector*, JHEP 1501 (2015) 069. arXiv:1409.6212 [hep-ex].

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44. ATLAS Collaboration (G. Aad *et al.*), *Search for nonpointing and delayed photons in the diphoton and missing transverse momentum final state in 8 TeV pp collisions at the LHC using the ATLAS detector*, Phys. Rev. D 90 (2014) 11, 112005. arXiv:1409.5542 [hep-ex].
45. ATLAS Collaboration (G. Aad *et al.*), *Search for pair and single production of new heavy quarks that decay to a Z boson and a third-generation quark in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector*, JHEP 1411 (2014) 104, arXiv:1409.5500 [hep-ex].
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47. ATLAS Collaboration (G. Aad *et al.*), *Search for $H \rightarrow \gamma\gamma$ produced in association with top quarks and constraints on the Yukawa coupling between the top quark and the Higgs boson using data taken at 7 TeV and 8 TeV with the ATLAS detector*, Phys. Lett. B 740 (2015) 222-242. arXiv:1409.3122 [hep-ex].
48. ATLAS Collaboration (G. Aad *et al.*), *Measurement of long-range pseudorapidity correlations and azimuthal harmonics in $\sqrt{s_{NN}} = 5.02$ TeV proton-lead collisions with the ATLAS detector*, Phys. Rev. C 90 (2014) 4, 044906. arXiv:1409.1792 [hep-ex].
49. ATLAS Collaboration (G. Aad *et al.*), *Measurement of the top-quark mass in the fully hadronic decay channel from ATLAS data at $\sqrt{s} = 7$ TeV*, arXiv:1409.0832 [hep-ex].
50. ATLAS Collaboration (G. Aad *et al.*), *Search for long-lived neutral particles decaying into lepton jets in proton-proton collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector*, JHEP 1411 (2014) 088. arXiv:1409.0746 [hep-ex].
51. ATLAS Collaboration (G. Aad *et al.*), *Measurement of Higgs boson production in the diphoton decay channel in pp collisions at center-of-mass energies of 7 and 8 TeV with the ATLAS detector*, Phys. Rev. D 90 (2014) 112015. arXiv:1408.7084 [hep-ex].
52. ATLAS Collaboration (G. Aad *et al.*), *A measurement of the ratio of the production cross sections for W and Z bosons in association with jets with the ATLAS detector*, Eur. Phys. J. C 74 (2014) 12, 3168. arXiv:1408.6510 [hep-ex].
53. ATLAS Collaboration (G. Aad *et al.*), *Measurement of the total cross section from elastic scattering in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector*, Nucl. Phys. B 889 (2014) 486-548. arXiv:1408.5778 [hep-ex].
54. ATLAS Collaboration (G. Aad *et al.*), *Search for the lepton flavor violating decay $Z \rightarrow e\mu$ in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector*, Phys. Rev. D 90 (2014) 7, 072010. arXiv:1408.5774 [hep-ex].
55. ATLAS Collaboration (G. Aad *et al.*), *Measurements of Higgs boson production and couplings in the four-lepton channel in pp collisions at center-of-mass energies of 7 and 8 TeV with the ATLAS detector*, Phys. Rev. D 91 (2015) 1, 012006. arXiv:1408.5191 [hep-ex].
56. ATLAS Collaboration (G. Aad *et al.*), *Measurement of the production and lepton charge asymmetry of W bosons in $Pb+Pb$ collisions at $\sqrt{s_{NN}} = 2.76$ TeV with the ATLAS detector*, Eur. Phys. J. C 75 (2015) 1, 23. arXiv:1408.4674 [hep-ex].
57. ATLAS Collaboration (G. Aad *et al.*), *Measurement of flow harmonics with multi-particle cumulants in $Pb+Pb$ collisions at $\sqrt{s_{NN}} = 2.76$ TeV with the ATLAS detector*, Eur. Phys. J. C 74 (2014) 11, 3157. arXiv:1408.4342 [hep-ex].
58. ATLAS Collaboration (G. Aad *et al.*), *Fiducial and differential cross sections of Higgs boson production measured in the four-lepton decay channel in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector*, Phys. Lett. B 738 (2014) 234-253. arXiv:1408.3226 [hep-ex].

59. ATLAS Collaboration (G. Aad *et al.*), *Performance of the ATLAS muon trigger in pp collisions at $\sqrt{s} = 8$ TeV*, arXiv:1408.3179 [hep-ex].
60. ATLAS Collaboration (G. Aad *et al.*), *Search for $W' \rightarrow tb \rightarrow qqbb$ Decays in pp Collisions at $\sqrt{s} = 8$ TeV with the ATLAS Detector*, arXiv:1408.0886 [hep-ex].
61. ATLAS Collaboration (G. Aad *et al.*), *Search for new resonances in $W\gamma$ and $Z\gamma$ final states in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector*, Phys. Lett. B 738 (2014) 428-447. arXiv:1407.8150 [hep-ex].
62. ATLAS Collaboration (G. Aad *et al.*), *Search for new particles in events with one lepton and missing transverse momentum in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector*, JHEP 1409 (2014) 037. arXiv:1407.7494 [hep-ex].
63. ATLAS Collaboration (G. Aad *et al.*), *Search for Scalar Diphoton Resonances in the Mass Range 65 – 600 GeV with the ATLAS Detector in pp Collision Data at $\sqrt{s} = 8$ TeV*, Phys. Rev. Lett. 113 (2014) 17, 171801. arXiv:1407.6583 [hep-ex].
64. ATLAS Collaboration (G. Aad *et al.*), *Measurements of jet vetoes and azimuthal decorrelations in dijet events produced in pp collisions at $\sqrt{s} = 7$ TeV using the ATLAS detector*, Eur. Phys. J. C 74 (2014) 11, 3117. arXiv:1407.5756 [hep-ex].
65. ATLAS Collaboration (G. Aad *et al.*), *Measurement of the production cross-section of $\psi(2S) \rightarrow J/\psi(\rightarrow \mu^+\mu^-)\pi^+\pi^-$ in pp collisions at $\sqrt{s} = 7$ TeV at ATLAS*, JHEP 1409 (2014) 79. arXiv:1407.5532 [hep-ex].
66. ATLAS Collaboration (G. Aad *et al.*), *Electron and photon energy calibration with the ATLAS detector using LHC Run 1 data*, Eur. Phys. J. C 74 (2014) 10, 3071. arXiv:1407.5063 [hep-ex].
67. ATLAS Collaboration (G. Aad *et al.*), *Measurements of spin correlation in top-antitop quark events from proton-proton collisions at $\sqrt{s} = 7$ TeV using the ATLAS detector*, Phys. Rev. D 90 (2014) 112016. arXiv:1407.4314 [hep-ex].
68. ATLAS Collaboration (G. Aad *et al.*), *Measurements of fiducial and differential cross sections for Higgs boson production in the diphoton decay channel at $\sqrt{s} = 8$ TeV with ATLAS*, JHEP 1409 (2014) 112. arXiv:1407.4222 [hep-ex].
69. ATLAS Collaboration (G. Aad *et al.*), *Measurement of the muon reconstruction performance of the ATLAS detector using 2011 and 2012 LHC proton-proton collision data*, Eur. Phys. J. C 74 (2014) 11, 3130. arXiv:1407.3935 [hep-ex].
70. ATLAS Collaboration (G. Aad *et al.*), *Measurement of differential production cross-sections for a Z boson in association with b-jets in 7 TeV proton-proton collisions with the ATLAS detector*, JHEP 1410 (2014) 141. arXiv:1407.3643 [hep-ex].
71. ATLAS Collaboration (G. Aad *et al.*), *Search for contact interactions and large extra dimensions in the dilepton channel using proton-proton collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector*, Eur. Phys. J. C 74 (2014) 12, 3134. arXiv:1407.2410 [hep-ex].
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74. ATLAS Collaboration (G. Aad *et al.*), *Observation of an Excited B_c^\pm Meson State with the ATLAS Detector*, Phys. Rev. Lett. 113 (2014) 212004. arXiv:1407.1032 [hep-ex].
75. ATLAS Collaboration (G. Aad *et al.*), *Measurement of the $t\bar{t}$ production cross-section as a function of jet multiplicity and jet transverse momentum in 7 TeV proton-proton collisions with the ATLAS detector*, JHEP 1501 (2015) 020. arXiv:1407.0891 [hep-ex].
76. ATLAS Collaboration (G. Aad *et al.*), *Measurement of the cross-section of high transverse momentum vector bosons reconstructed as single jets and studies of jet substructure in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector*, New J. Phys. 16 (2014) 11, 113013. arXiv:1407.0800 [hep-ex].

77. ATLAS Collaboration (G. Aad *et al.*), *Search for pair-produced third-generation squarks decaying via charm quarks or in compressed supersymmetric scenarios in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector*, Phys. Rev. D 90 (2014) 052008. arXiv:1407.0608 [hep-ex].
78. ATLAS Collaboration (G. Aad *et al.*), *Search for supersymmetry in events with large missing transverse momentum, jets, and at least one tau lepton in 20 fb⁻¹ of $\sqrt{s} = 8$ TeV proton-proton collision data with the ATLAS detector*, JHEP 1409 (2014) 103. arXiv:1407.0603 [hep-ex].
79. ATLAS Collaboration (G. Aad *et al.*), *Search for strong production of supersymmetric particles in final states with missing transverse momentum and at least three b-jets at $\sqrt{s} = 8$ TeV proton-proton collisions with the ATLAS detector*, JHEP 1410 (2014) 24. arXiv:1407.0600 [hep-ex].
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81. ATLAS Collaboration (G. Aad *et al.*), *Simultaneous measurements of the $t\bar{t}$, W^+W^- , and $Z/\gamma^* \rightarrow \tau^+\tau^-$ production cross-sections in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector*, Phys. Rev. D 91 (2015) 5, 052005. arXiv:1407.0573 [hep-ex].
82. ATLAS Collaboration (G. Aad *et al.*), *Measurements of normalized differential cross-sections for $t\bar{t}$ production in pp collisions at $\sqrt{s} = 7$ TeV using the ATLAS detector*, Phys. Rev. D 90 (2014) 7, 072004. arXiv:1407.0371 [hep-ex].
83. ATLAS Collaboration (G. Aad *et al.*), *Search for the direct production of charginos, neutralinos and staus in final states with at least two hadronically decaying taus and missing transverse momentum in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector*, JHEP 1410 (2014) 96. arXiv:1407.0350 [hep-ex].
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85. ATLAS Collaboration (G. Aad *et al.*), *A neural network clustering algorithm for the ATLAS silicon pixel detector*, JINST 9 (2014) P09009. arXiv:1406.7690 [hep-ex].
86. ATLAS Collaboration (G. Aad *et al.*), *Search for the Standard Model Higgs boson decay to $\mu^+\mu^-$ with the ATLAS detector*, Phys. Lett. B 738 (2014) 68-86. arXiv:1406.7663 [hep-ex].
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89. ATLAS Collaboration (G. Aad *et al.*), *Search for WZ resonances in the fully leptonic channel using pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector*, Phys. Lett. B 737 (2014) 223-243. arXiv:1406.4456 [hep-ex].
90. ATLAS Collaboration (G. Aad *et al.*), *Measurement of the Higgs boson mass from the $H \rightarrow \gamma\gamma$ and $H \rightarrow ZZ^* \rightarrow 4\ell$ channels with the ATLAS detector using 25 fb⁻¹ of pp collision data*, Phys. Rev. D 90 (2014) 052004. arXiv:1406.3827 [hep-ex].
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92. ATLAS Collaboration (G. Aad *et al.*), *Measurement of inclusive jet charged-particle fragmentation functions in Pb+Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV with the ATLAS detector*, Phys. Lett. B 739 (2014) 320-342. arXiv:1406.2979 [hep-ex].
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94. ATLAS Collaboration (G. Aad *et al.*), *Measurement of the underlying event in jet events from 7 TeV proton-proton collisions with the ATLAS detector*, Eur. Phys. J. C 74 (2014) 8, 2965. arXiv:1406.0392 [hep-ex].
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96. ATLAS Collaboration (G. Aad *et al.*), *Search for squarks and gluinos with the ATLAS detector in final states with jets and missing transverse momentum using $\sqrt{s} = 8$ TeV proton-proton collision data*, JHEP 1409 (2014) 176. arXiv:1405.7875 [hep-ex].
97. ATLAS Collaboration (G. Aad *et al.*), *Light-quark and gluon jet discrimination in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector*, Eur. Phys. J. C 74 (2014) 8, 3023. arXiv:1405.6583 [hep-ex].
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3 ATLAS Internal Notes and Conference Notes

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