

Publications of Ashutosh V. Kotwal

1. **“Measurement of the $B_c^\pm$ production cross section in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”**, T. A. Aaltonen *et al.* [CDF Collaboration] , arXiv:1601.03819 [hep-ex] , 10.1103/PhysRevD.93.052001 , Phys. Rev. D **93**, no. 5, 052001 (2016)
2. **“Measurement of the charge asymmetry in highly boosted top-quark pair production in $\sqrt{s} = 8$ TeV pp collision data collected by the ATLAS experiment”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1512.06092 [hep-ex] , 10.1016/j.physletb.2016.02.055
3. **“Combination of searches for WW , WZ , and ZZ resonances in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1512.05099 [hep-ex] , 10.1016/j.physletb.2016.02.015 , Phys. Lett. B **755**, 285 (2016)
4. **“Search for new phenomena in dijet mass and angular distributions from pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1512.01530 [hep-ex] , 10.1016/j.physletb.2016.01.032 , Phys. Lett. B **754**, 302 (2016)
5. **“Measurement of the dependence of transverse energy production at large pseudorapidity on the hard-scattering kinematics of proton-proton collisions at $\sqrt{s} = 2.76$ TeV with ATLAS”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1512.00197 [hep-ex] , 10.1016/j.physletb.2016.02.056 , Phys. Lett. B **756**, 10 (2016)
6. **“A search for prompt lepton-jets in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1511.05542 [hep-ex] , 10.1007/JHEP02(2016)062 , JHEP **1602**, 062 (2016)
7. **“Dijet production in $\sqrt{s} = 7$ TeV pp collisions with large rapidity gaps at the ATLAS experiment”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1511.00502 [hep-ex] , 10.1016/j.physletb.2016.01.028 , Phys. Lett. B **754**, 214 (2016)
8. **“Measurement of the correlations between the polar angles of leptons from top quark decays in the helicity basis at $\sqrt{s} = 7$ TeV using the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1510.07478 [hep-ex] , 10.1103/PhysRevD.93.012002 , Phys. Rev. D **93**, no. 1, 012002 (2016)
9. **“Measurement of the differential cross-section of highly boosted top quarks as a function of their transverse momentum in $\sqrt{s} = 8$ TeV proton-proton collisions using the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1510.03818 [hep-ex] , 10.1103/PhysRevD.93.032009 , Phys. Rev. D **93**, no. 3, 032009 (2016)
10. **“Measurement of the production cross-section of a single top quark in association with a W boson at 8 TeV with the ATLAS experiment”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1510.03752 [hep-ex] , 10.1007/JHEP01(2016)064 , JHEP **1601**, 064 (2016)
11. **“Search for the production of single vector-like and excited quarks in the Wt final state in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1510.02664 [hep-ex] , 10.1007/JHEP02(2016)110 , JHEP **1602**, 110 (2016)
12. **“Comparison of Horace and Photos Algorithms for Multi-Photon Emission in the Context of the W Boson Mass Measurement”** , A. V. Kotwal and B. Jayatilaka. , arXiv:1510.02458 [hep-ph] , 10.1155/2016/1615081, Adv. High Energy Phys. **2016**, 1615081 (2016)

13. “Measurements of four-lepton production in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector” , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1509.07844 [hep-ex] , 10.1016/j.physletb.2015.12.048 , Phys. Lett. B **753**, 552 (2016)
14. “Measurement of four-jet differential cross sections in $\sqrt{s} = 8$ TeV proton-proton collisions using the ATLAS detector” , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1509.07335 [hep-ex] , 10.1007/JHEP12(2015)105 , JHEP **1512**, 105 (2015)
15. “Search for the electroweak production of supersymmetric particles in $\sqrt{s}=8$ TeV pp collisions with the ATLAS detector” , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1509.07152 [hep-ex] , 10.1103/PhysRevD.93.052002 , Phys. Rev. D **93**, no. 5, 052002 (2016)
16. “Search for flavour-changing neutral current top quark decays $t \rightarrow Hq$ in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector” , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1509.06047 [hep-ex] , 10.1007/JHEP12(2015)061 , JHEP **1512**, 061 (2015)
17. “Measurement of the $t\bar{t}W$ and $t\bar{t}Z$ production cross sections in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector” , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1509.05276 [hep-ex] , 10.1007/JHEP11(2015)172 , JHEP **1511**, 172 (2015)
18. “Measurement of jet charge in dijet events from $\sqrt{s}=8$ TeV pp collisions with the ATLAS detector” , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1509.05190 [hep-ex] , 10.1103/PhysRevD.93.052003 , Phys. Rev. D **93**, no. 5, 052003 (2016)
19. “Search for direct top squark pair production in final states with two tau leptons in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector” , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1509.04976 [hep-ex] , 10.1140/epjc/s10052-016-3897-z , Eur. Phys. J. C **76**, no. 2, 81 (2016)
20. “Searches for Higgs boson pair production in the $hh \rightarrow b\bar{b}\tau\tau, \gamma\gamma WW^*, \gamma\gamma b\bar{b}, b\bar{b}b\bar{b}$ channels with the ATLAS detector” , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1509.04670 [hep-ex] , 10.1103/PhysRevD.92.092004 , Phys. Rev. D **92**, 092004 (2015)
21. “Search for pair production of a new heavy quark that decays into a W boson and a light quark in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector” , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1509.04261 [hep-ex] , 10.1103/PhysRevD.92.112007 , Phys. Rev. D **92**, no. 11, 112007 (2015)
22. “Measurement of the charge asymmetry in top-quark pair production in the lepton-plus-jets final state in pp collision data at $\sqrt{s} = 8$ TeV with the ATLAS detector” , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1509.02358 [hep-ex] , 10.1140/epjc/s10052-016-3910-6 , Eur. Phys. J. C **76**, no. 2, 87 (2016)
23. “Constraints on new phenomena via Higgs boson couplings and invisible decays with the ATLAS detector” , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1509.00672 [hep-ex] , 10.1007/JHEP11(2015)206 , JHEP **1511**, 206 (2015)
24. “Search for a high-mass Higgs boson decaying to a W boson pair in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector” , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1509.00389 [hep-ex] , 10.1007/JHEP01(2016)032 , JHEP **1601**, 032 (2016)
25. “Search for single top-quark production via flavour-changing neutral currents at 8 TeV with the ATLAS detector” , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1509.00294 [hep-ex] , 10.1140/epjc/s10052-016-3876-4 , Eur. Phys. J. C **76**, no. 2, 55 (2016), [Eur. Phys. J. C **76**, 55 (2016)]
26. “Search for invisible decays of a Higgs boson using vector-boson fusion in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector” , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1508.07869 [hep-ex] , 10.1007/JHEP01(2016)172 , JHEP **1601**, 172 (2016)
27. “Measurements of fiducial cross-sections for $t\bar{t}$ production with one or two additional b-jets in pp collisions at $\sqrt{s} = 8$ TeV using the ATLAS detector” , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1508.06868 [hep-ex] , 10.1140/epjc/s10052-015-3852-4 , Eur. Phys. J. C **76**, no. 1, 11 (2016)

28. **“Summary of the ATLAS experiments sensitivity to supersymmetry after LHC Run 1 interpreted in the phenomenological MSSM”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1508.06608 [hep-ex] , 10.1007/JHEP10(2015)134 , JHEP **1510**, 134 (2015)
29. **“Search for flavour-changing neutral current top-quark decays to qZ in pp collision data collected with the ATLAS detector at $\sqrt{s} = 8$ TeV”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1508.05796 [hep-ex] , 10.1140/epjc/s10052-015-3851-5 , Eur. Phys. J. C **76**, no. 1, 12 (2016)
30. **“Study of the energy dependence of the underlying event in proton-antiproton collisions”** , T. A. Aaltonen *et al.* [CDF Collaboration] , arXiv:1508.05340 [hep-ex] , 10.1103/PhysRevD.92.092009 , Phys. Rev. D **92**, no. 9, 092009 (2015)
31. **“Searches for scalar leptoquarks in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1508.04735 [hep-ex] , 10.1140/epjc/s10052-015-3823-9 , Eur. Phys. J. C **76**, no. 1, 5 (2016)
32. **“Search for lepton-flavour-violating H decays of the Higgs boson with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1508.03372 [hep-ex] , 10.1007/JHEP11(2015)211 , JHEP **1511**, 211 (2015)
33. **“Constraints on non-Standard Model Higgs boson interactions in an effective Lagrangian using differential cross sections measured in the $H \rightarrow \gamma\gamma$ decay channel at $\sqrt{s} = 8$ TeV with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1508.02507 [hep-ex] , 10.1016/j.physletb.2015.11.071 , Phys. Lett. B **753**, 69 (2016)
34. **“Measurement of transverse energy-energy correlations in multi-jet events in pp collisions at $\sqrt{s} = 7$ TeV using the ATLAS detector and determination of the strong coupling constant $\alpha_s(m_Z)$ ”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1508.01579 [hep-ex] , 10.1016/j.physletb.2015.09.050 , Phys. Lett. B **750**, 427 (2015)
35. **“Determination of the ratio of b -quark fragmentation fractions f_s/f_d in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1507.08925 [hep-ex] , 10.1103/PhysRevLett.115.262001 , Phys. Rev. Lett. **115**, no. 26, 262001 (2015)
36. **“Measurement of the branching ratio $\Gamma(\Lambda_b^0 \rightarrow \psi(2S)\Lambda^0)/\Gamma(\Lambda_b^0 \rightarrow J/\psi\Lambda^0)$ with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1507.08202 [hep-ex] , 10.1016/j.physletb.2015.10.009 , Phys. Lett. B **751**, 63 (2015)
37. **“Study of the $B_c^+ \rightarrow J/\psi D_s^+$ and $B_c^+ \rightarrow J/\psi D_s^{*+}$ decays with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1507.07099 [hep-ex] , 10.1140/epjc/s10052-015-3743-8 , Eur. Phys. J. C **76**, no. 1, 4 (2016)
38. **“ Z boson production in $p+\text{Pb}$ collisions at $\sqrt{s_{NN}} = 5.02$ TeV measured with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1507.06232 [hep-ex] , 10.1103/PhysRevC.92.044915 , Phys. Rev. C **92**, no. 4, 044915 (2015)
39. **“Search for an additional, heavy Higgs boson in the $H \rightarrow ZZ$ decay channel at $\sqrt{s} = 8$ TeV in pp collision data with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1507.05930 [hep-ex] , 10.1140/epjc/s10052-015-3820-z , Eur. Phys. J. C **76**, no. 1, 45 (2016)
40. **“Summary of the searches for squarks and gluinos using $\sqrt{s} = 8$ TeV pp collisions with the ATLAS experiment at the LHC”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1507.05525 [hep-ex] , 10.1007/JHEP10(2015)054 , JHEP **1510**, 054 (2015)
41. **“Search for photonic signatures of gauge-mediated supersymmetry in 8 TeV pp collisions with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1507.05493 [hep-ex] , 10.1103/PhysRevD.92.072001 , Phys. Rev. D **92**, no. 7, 072001 (2015)
42. **“Measurements of the Higgs boson production and decay rates and coupling strengths using pp collision data at $\sqrt{s} = 7$ and 8 TeV in the ATLAS experiment”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1507.04548 [hep-ex] , 10.1140/epjc/s10052-015-3769-y , Eur. Phys. J. C **76**, no. 1, 6 (2016)

43. **“Determination of the top-quark pole mass using $t\bar{t}$ + 1-jet events collected with the ATLAS experiment in 7 TeV pp collisions”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1507.01769 [hep-ex] , 10.1007/JHEP10(2015)121 , JHEP **1510**, 121 (2015)
44. **“Measurement of the production of neighbouring jets in leadlead collisions at $\sqrt{s_{NN}} = 2.76$ TeV with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1506.08656 [hep-ex] , 10.1016/j.physletb.2015.10.059 , Phys. Lett. B **751**, 376 (2015)
45. **“ATLAS Run 1 searches for direct pair production of third-generation squarks at the Large Hadron Collider”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1506.08616 [hep-ex] , 10.1140/epjc/s10052-015-3726-9 , Eur. Phys. J. C **75**, no. 10, 510 (2015)
46. **“Measurement of exclusive $\gamma\gamma \rightarrow \ell^+\ell^-$ production in proton-proton collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1506.07098 [hep-ex] , 10.1016/j.physletb.2015.07.069 , Phys. Lett. B **749**, 242 (2015)
47. **“Study of (W/Z)H production and Higgs boson couplings using $H \rightarrow WW^*$ decays with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1506.06641 [hep-ex] , 10.1007/JHEP08(2015)137 , JHEP **1508**, 137 (2015)
48. **“Search for heavy Majorana neutrinos with the ATLAS detector in pp collisions at $\sqrt{s} = 8$ TeV”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1506.06020 [hep-ex] , 10.1007/JHEP07(2015)162 , JHEP **1507**, 162 (2015)
49. **“Search for the associated production of the Higgs boson with a top quark pair in multilepton final states with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1506.05988 [hep-ex] , 10.1016/j.physletb.2015.07.079 , Phys. Lett. B **749**, 519 (2015)
50. **“Study of the spin and parity of the Higgs boson in diboson decays with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1506.05669 [hep-ex] , 10.1140/epjc/s10052-015-3685-1 , Eur. Phys. J. C **75**, no. 10, 476 (2015)
51. **“Measurement of colour flow with the jet pull angle in $t\bar{t}$ events using the ATLAS detector at $\sqrt{s} = 8$ TeV”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1506.05629 [hep-ex] , 10.1016/j.physletb.2015.09.051 , Phys. Lett. B **750**, 475 (2015)
52. **“Modelling $Z \rightarrow \tau\tau$ processes in ATLAS with τ -embedded $Z \rightarrow \mu\mu$ data”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1506.05623 [hep-ex] , 10.1088/1748-0221/10/09/P09018, 10.1088/1748-0221/2015/9/P09018 , JINST **10**, no. 09, P09018 (2015)
53. **“Search for metastable heavy charged particles with large ionisation energy loss in pp collisions at $\sqrt{s} = 8$ TeV using the ATLAS experiment”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1506.05332 [hep-ex] , 10.1140/epjc/s10052-015-3609-0 , Eur. Phys. J. C **75**, no. 9, 407 (2015)
54. **“Measurements of the top quark branching ratios into channels with leptons and quarks with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1506.05074 [hep-ex] , 10.1103/PhysRevD.92.072005 , Phys. Rev. D **92**, no. 7, 072005 (2015)
55. **“Search for type-III Seesaw heavy leptons in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS Detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1506.01839 [hep-ex] , 10.1103/PhysRevD.92.032001 , Phys. Rev. D **92**, no. 3, 032001 (2015)
56. **“Search for heavy lepton resonances decaying to a Z boson and a lepton in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1506.01291 [hep-ex] , 10.1007/JHEP09(2015)108 , JHEP **1509**, 108 (2015)
57. **“Search for Dark Matter in Events with Missing Transverse Momentum and a Higgs Boson Decaying to Two Photons in pp Collisions at $\sqrt{s} = 8$ TeV with the ATLAS Detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1506.01081 [hep-ex] , 10.1103/PhysRevLett.115.131801 , Phys. Rev. Lett. **115**, no. 13, 131801 (2015)

58. **“Search for high-mass diboson resonances with boson-tagged jets in proton-proton collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1506.00962 [hep-ex] , 10.1007/JHEP12(2015)055 , JHEP **1512**, 055 (2015)
59. **“Search for Higgs boson pair production in the $b\bar{b}b\bar{b}$ final state from pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1506.00285 [hep-ex] , 10.1140/epjc/s10052-015-3628-x , Eur. Phys. J. C **75**, no. 9, 412 (2015)
60. **“Measurement of differential J/ψ production cross sections and forward-backward ratios in p + Pb collisions with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1505.08141 [hep-ex] , 10.1103/PhysRevC.92.034904 , Phys. Rev. C **92**, no. 3, 034904 (2015)
61. **“Search for new light gauge bosons in Higgs boson decays to four-lepton final states in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector at the LHC”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1505.07645 [hep-ex] , 10.1103/PhysRevD.92.092001 , Phys. Rev. D **92**, no. 9, 092001 (2015)
62. **“A search for $t\bar{t}$ resonances using lepton-plus-jets events in proton-proton collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1505.07018 [hep-ex] , 10.1007/JHEP08(2015)148 , JHEP **1508**, 148 (2015)
63. **“Search for production of vector-like quark pairs and of four top quarks in the lepton-plus-jets final state in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1505.04306 [hep-ex] , 10.1007/JHEP08(2015)105 , JHEP **1508**, 105 (2015)
64. **“Search for Higgs bosons decaying to aa in the $\mu\mu\tau\tau$ final state in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS experiment”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1505.01609 [hep-ex] , 10.1103/PhysRevD.92.052002 , Phys. Rev. D **92**, no. 5, 052002 (2015)
65. **“Measurement of the Production and Differential Cross Sections of W^+W^- Bosons in Association with Jets in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV”** , T. A. Aaltonen *et al.* [CDF Collaboration] , arXiv:1505.00801 [hep-ex] , 10.1103/PhysRevD.91.111101, 10.1103/PhysRevD.92.039901 , Phys. Rev. D **91**, no. 11, 111101 (2015), Addendum: [Phys. Rev. D **92**, no. 3, 039901 (2015)]
66. **“Measurement of the top-quark mass in the $t\bar{t}$ dilepton channel using the full CDF Run II data set”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1505.00500 [hep-ex] , 10.1103/PhysRevD.92.032003 , Phys. Rev. D **92**, no. 3, 032003 (2015)
67. **“Double Higgs Boson Production in the 4τ Channel from Resonances in Longitudinal Vector Boson Scattering at a 100 TeV Collider”** , A. V. Kotwal, S. Chekanov and M. Low. , arXiv:1504.08042 [hep-ph] , 10.1103/PhysRevD.91.114018 , Phys. Rev. D **91**, 114018 (2015)
68. **“First measurement of the forward-backward asymmetry in bottom-quark pair production at high mass”** , T. A. Aaltonen *et al.* [CDF Collaboration] , arXiv:1504.06888 [hep-ex] , 10.1103/PhysRevD.92.032006 , Phys. Rev. D **92**, no. 3, 032006 (2015)
69. **“Luminosity goals for a 100-TeV pp collider”** , I. Hinchliffe, A. Kotwal, M. L. Mangano, C. Quigg and L. T. Wang. , arXiv:1504.06108 [hep-ph] , 10.1142/S0217751X15440029 , Int. J. Mod. Phys. A **30**, no. 23, 1544002 (2015)
70. **“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 $\sqrt{s}=8$ TeV with the ATLAS Detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1504.05833 [hep-ex] , 10.1103/PhysRevLett.115.091801 , Phys. Rev. Lett. **115**, no. 9, 091801 (2015)
71. **“Search for high-mass diphoton resonances in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1504.05511 [hep-ex] , 10.1103/PhysRevD.92.032004 , Phys. Rev. D **92**, no. 3, 032004 (2015)

72. **“Search for massive, long-lived particles using multitrack displaced vertices or displaced lepton pairs in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1504.05162 [hep-ex] , 10.1103/PhysRevD.92.072004 , Phys. Rev. D **92**, no. 7, 072004 (2015)
73. **“Analysis of events with b -jets and a pair of leptons of the same charge in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1504.04605 [hep-ex] , 10.1007/JHEP10(2015)150 , JHEP **1510**, 150 (2015)
74. **“Measurement of charged-particle spectra in Pb+Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV with the ATLAS detector at the LHC”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1504.04337 [hep-ex] , 10.1007/JHEP09(2015)050 , JHEP **1509**, 050 (2015)
75. **“Search for invisible decays of the Higgs boson produced in association with a hadronically decaying vector boson in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1504.04324 [hep-ex] , 10.1140/epjc/s10052-015-3551-1 , Eur. Phys. J. C **75**, no. 7, 337 (2015)
76. **“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”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1504.04251 [hep-ex] , 10.1103/PhysRevD.91.112013 , Phys. Rev. D **91**, no. 11, 112013 (2015)
77. **“Search for heavy long-lived multi-charged particles in pp collisions at $\sqrt{s} = 8$ TeV using the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1504.04188 [hep-ex] , 10.1140/epjc/s10052-015-3534-2 , Eur. Phys. J. C **75**, 362 (2015)
78. **“Search for Resonances Decaying to Top and Bottom Quarks with the CDF Experiment”** , T. A. Aaltonen *et al.* [CDF Collaboration] , arXiv:1504.01536 [hep-ex] , 10.1103/PhysRevLett.115.061801 , Phys. Rev. Lett. **115**, no. 6, 061801 (2015)
79. **“Measurement of the correlation between flow harmonics of different order in lead-lead collisions at $\sqrt{s_{NN}}=2.76$ TeV with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1504.01289 [hep-ex] , 10.1103/PhysRevC.92.034903 , Phys. Rev. C **92**, no. 3, 034903 (2015)
80. **“Search for New Phenomena in Dijet Angular Distributions in Proton-Proton Collisions at $\sqrt{s} = 8$ TeV Measured with the ATLAS Detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1504.00357 [hep-ex] , 10.1103/PhysRevLett.114.221802 , Phys. Rev. Lett. **114**, no. 22, 221802 (2015)
81. **“Search for low-scale gravity signatures in multi-jet final states with the ATLAS detector at $\sqrt{s} = 8$ TeV”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1503.08988 [hep-ex] , 10.1007/JHEP07(2015)032 , JHEP **1507**, 032 (2015)
82. **“Search for a new resonance decaying to a W or Z boson and a Higgs boson in the $\ell\ell/\ell\nu/\nu\nu + b\bar{b}$ final states with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1503.08089 [hep-ex] , 10.1140/epjc/s10052-015-3474-x , Eur. Phys. J. C **75**, no. 6, 263 (2015)
83. **“Combined Measurement of the Higgs Boson Mass in pp Collisions at $\sqrt{s} = 7$ and 8 TeV with the ATLAS and CMS Experiments”** , G. Aad *et al.* [ATLAS and CMS Collaborations] , arXiv:1503.07589 [hep-ex] , 10.1103/PhysRevLett.114.191803 , Phys. Rev. Lett. **114**, 191803 (2015)
84. **“Measurement of the top quark mass in the $t\bar{t} \rightarrow$ lepton+jets and $t\bar{t} \rightarrow$ dilepton channels using $\sqrt{s} = 7$ TeV ATLAS data”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1503.05427 [hep-ex] , 10.1140/epjc/s10052-015-3544-0 , Eur. Phys. J. C **75**, no. 7, 330 (2015)
85. **“Search for vector-like B quarks in events with one isolated lepton, missing transverse momentum and jets at $\sqrt{s} = 8$ TeV with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1503.05425 [hep-ex] , 10.1103/PhysRevD.91.112011 , Phys. Rev. D **91**, no. 11, 112011 (2015)

86. **“Search for the Standard Model Higgs boson produced in association with top quarks and decaying into $b\bar{b}$ in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1503.05066 [hep-ex] , 10.1140/epjc/s10052-015-3543-1 , Eur. Phys. J. C **75**, no. 7, 349 (2015)
87. **“Tevatron Combination of Single-Top-Quark Cross Sections and Determination of the Magnitude of the Cabibbo-Kobayashi-Maskawa Matrix Element V_{tb} ”** , T. A. Aaltonen *et al.* [CDF and D0 Collaborations] , arXiv:1503.05027 [hep-ex] , 10.1103/PhysRevLett.115.152003 , Phys. Rev. Lett. **115**, no. 15, 152003 (2015)
88. **“Search for production of WW/WZ resonances decaying to a lepton, neutrino and jets in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1503.04677 [hep-ex] , 10.1140/epjc/s10052-015-3593-4, 10.1140/epjc/s10052-015-3425-6 , Eur. Phys. J. C **75**, no. 5, 209 (2015), Erratum: [Eur. Phys. J. C **75**, 370 (2015)]
89. **“Search for a Heavy Neutral Particle Decaying to $e\mu$, $e\tau$, or $\mu\tau$ in pp Collisions at $\sqrt{s} = 8$ TeV with the ATLAS Detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1503.04430 [hep-ex] , 10.1103/PhysRevLett.115.031801 , Phys. Rev. Lett. **115**, no. 3, 031801 (2015)
90. **“Search for a Charged Higgs Boson Produced in the Vector-Boson Fusion Mode with Decay $H^\pm \rightarrow W^\pm Z$ using pp Collisions at $\sqrt{s} = 8$ TeV with the ATLAS Experiment”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1503.04233 [hep-ex] , 10.1103/PhysRevLett.114.231801 , Phys. Rev. Lett. **114**, no. 23, 231801 (2015)
91. **“Measurement of the forward-backward asymmetry of electron and muon pair-production in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1503.03709 [hep-ex] , 10.1007/JHEP09(2015)049 , JHEP **1509**, 049 (2015)
92. **“Determination of spin and parity of the Higgs boson in the $WW^* \rightarrow e\nu\mu\nu$ decay channel with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1503.03643 [hep-ex] , 10.1140/epjc/s10052-015-3436-3 , Eur. Phys. J. C **75**, no. 5, 231 (2015)
93. **“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”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1503.03290 [hep-ex] , 10.1140/epjc/s10052-015-3661-9, 10.1140/epjc/s10052-015-3518-2 , Eur. Phys. J. C **75**, no. 7, 318 (2015), Erratum: [Eur. Phys. J. C **75**, no. 10, 463 (2015)]
94. **“Evidence of W Production in pp Collisions at $\sqrt{s}=8$ TeV and Limits on Anomalous Quartic Gauge Couplings with the ATLAS Detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1503.03243 [hep-ex] , 10.1103/PhysRevLett.115.031802 , Phys. Rev. Lett. **115**, no. 3, 031802 (2015)
95. **“Constraints on the off-shell Higgs boson signal strength in the high-mass ZZ and WW final states with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1503.01060 [hep-ex] , 10.1140/epjc/s10052-015-3542-2 , Eur. Phys. J. C **75**, no. 7, 335 (2015)
96. **“Two-particle BoseEinstein correlations in pp collisions at $\sqrt{s} = 0.9$ and 7 TeV measured with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1502.07947 [hep-ex] , 10.1140/epjc/s10052-015-3644-x , Eur. Phys. J. C **75**, no. 10, 466 (2015)
97. **“A search for high-mass resonances decaying to $\tau^+\tau^-$ in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1502.07177 [hep-ex] , 10.1007/JHEP07(2015)157 , JHEP **1507**, 157 (2015)
98. **“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”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1502.05923 [hep-ex] , 10.1007/JHEP06(2015)100 , JHEP **1506**, 100 (2015)

99. **“Search for massive supersymmetric particles decaying to many jets using the ATLAS detector in pp collisions at $\sqrt{s} = 8$ TeV”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1502.05686 [hep-ex] , 10.1103/PhysRevD.93.039901, 10.1103/PhysRevD.91.112016 , Phys. Rev. D **91**, no. 11, 112016 (2015), Erratum: [Phys. Rev. D **93**, no. 3, 039901 (2016)]
100. **“Search for a CP-odd Higgs boson decaying to Zh in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1502.04478 [hep-ex] , 10.1016/j.physletb.2015.03.054 , Phys. Lett. B **744**, 163 (2015)
101. **“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”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1502.01518 [hep-ex] , 10.1140/epjc/s10052-015-3517-3, 10.1140/epjc/s10052-015-3639-7 , Eur. Phys. J. C **75**, no. 7, 299 (2015), Erratum: [Eur. Phys. J. C **75**, no. 9, 408 (2015)]
102. **“Measurement of central exclusive $\pi^+\pi^-$ production in $p\bar{p}$ collisions at $\sqrt{s} = 0.9$ and 1.96 TeV at CDF”** , T. A. Aaltonen *et al.* [CDF Collaboration] , arXiv:1502.01391 [hep-ex] , 10.1103/PhysRevD.91.091101 , Phys. Rev. D **91**, no. 9, 091101 (2015)
103. **“Tevatron Constraints on Models of the Higgs Boson with Exotic Spin and Parity Using Decays to Bottom-Antibottom Quark Pairs”** , T. Aaltonen *et al.* [CDF and D0 Collaborations] , arXiv:1502.00967 [hep-ex] , 10.1103/PhysRevLett.114.151802 , Phys. Rev. Lett. **114**, no. 15, 151802 (2015)
104. **“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”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1502.00586 [hep-ex] , 10.1103/PhysRevD.91.072007 , Phys. Rev. D **91**, no. 7, 072007 (2015)
105. **“Measurement of the charge asymmetry in dileptonic decays of top quark pairs in pp collisions at $\sqrt{s} = 7$ TeV using the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1501.07383 [hep-ex] , 10.1007/JHEP05(2015)061 , JHEP **05**, 061 (2015)
106. **“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”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1501.07110 [hep-ex] , 10.1140/epjc/s10052-015-3408-7 , Eur. Phys. J. C **75**, no. 5, 208 (2015)
107. **“Evidence for the Higgs-boson Yukawa coupling to tau leptons with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1501.04943 [hep-ex] , 10.1007/JHEP04(2015)117 , JHEP **1504**, 117 (2015)
108. **“Constraints on Models of the Higgs Boson with Exotic Spin and Parity using Decays to Bottom-Antibottom Quarks in the Full CDF Data Set”** , T. A. Aaltonen *et al.* [CDF Collaboration] , arXiv:1501.04875 [hep-ex] , 10.1103/PhysRevLett.114.141802 , Phys. Rev. Lett. **114**, no. 14, 141802 (2015)
109. **“Search for pair-produced long-lived neutral particles decaying in the ATLAS hadronic calorimeter in pp collisions at $\sqrt{s} = 8$ TeV”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1501.04020 [hep-ex] , 10.1016/j.physletb.2015.02.015 , Phys. Lett. B **743**, 15 (2015)
110. **“Search for squarks and gluinos in events with isolated leptons, jets and missing transverse momentum at $\sqrt{s} = 8$ TeV with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1501.03555 [hep-ex] , 10.1007/JHEP04(2015)116 , JHEP **1504**, 116 (2015)
111. **“Search for Higgs and Z Boson Decays to J/ψ and (nS) with the ATLAS Detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1501.03276 [hep-ex] , 10.1103/PhysRevLett.114.121801 , Phys. Rev. Lett. **114**, no. 12, 121801 (2015)
112. **“Search for Scalar Charm Quark Pair Production in pp Collisions at $\sqrt{s} = 8$ TeV with the ATLAS Detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1501.01325 [hep-ex] , 10.1103/PhysRevLett.114.161801 , Phys. Rev. Lett. **114**, no. 16, 161801 (2015)

113. **“Identification and energy calibration of hadronically decaying tau leptons with the ATLAS experiment in pp collisions at $\sqrt{s}=8$ TeV”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1412.7086 [hep-ex] , 10.1140/epjc/s10052-015-3500-z , Eur. Phys. J. C **75**, no. 7, 303 (2015)
114. **“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”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1412.6663 [hep-ex] , 10.1007/JHEP03(2015)088 , JHEP **1503**, 088 (2015)
115. **“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”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1412.6428 [hep-ex] , 10.1140/epjc/s10052-015-3406-9 , Eur. Phys. J. C **75**, no. 5, 229 (2015)
116. **“Sensitivity to new high-mass states decaying to $t\bar{t}$ at a 100 TeV collider”** , B. Auerbach, S. Chekanov, J. Love, J. Proudfoot and A. V. Kotwal. , arXiv:1412.5951 [hep-ph] , 10.1103/PhysRevD.91.034014 , Phys. Rev. D **91**, no. 3, 034014 (2015)
117. **“Search for production of an $\Upsilon(1S)$ meson in association with a W or Z boson using the full 1.96 TeV $p\bar{p}$ collision data set at CDF”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1412.4827 [hep-ex] , 10.1103/PhysRevD.91.052011 , Phys. Rev. D **91**, no. 5, 052011 (2015)
118. **“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”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1412.4742 [hep-ex] , 10.1103/PhysRevLett.114.142001 , Phys. Rev. Lett. **114**, no. 14, 142001 (2015)
119. **“Centrality and rapidity dependence of inclusive jet production in $\sqrt{s_{NN}} = 5.02$ TeV proton-lead collisions with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1412.4092 [hep-ex] , 10.1016/j.physletb.2015.07.023 , Phys. Lett. B **748**, 392 (2015)
120. **“Observation and measurement of Higgs boson decays to WW^* with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1412.2641 [hep-ex] , 10.1103/PhysRevD.92.012006 , Phys. Rev. D **92**, no. 1, 012006 (2015)
121. **“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”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1412.1692 [hep-ex] , 10.1103/PhysRevD.91.032004 , Phys. Rev. D **91**, no. 3, 032004 (2015)
122. **“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”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1412.0237 [hep-ex] , 10.1007/JHEP03(2015)041 , JHEP **1503**, 041 (2015)
123. **“Searches for heavy long-lived charged particles with the ATLAS detector in proton-proton collisions at $\sqrt{s} = 8$ TeV”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1411.6795 [hep-ex] , 10.1007/JHEP01(2015)068 , JHEP **1501**, 068 (2015)
124. **“Search for new phenomena in events with three or more charged leptons in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1411.2921 [hep-ex] , 10.1007/JHEP08(2015)138 , JHEP **1508**, 138 (2015)
125. **“Measurements of the Nuclear Modification Factor for Jets in Pb+Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV with the ATLAS Detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1411.2357 [hep-ex] , 10.1103/PhysRevLett.114.072302 , Phys. Rev. Lett. **114**, no. 7, 072302 (2015)
126. **“Measurement of three-jet production cross-sections in pp collisions at 7 TeV centre-of-mass energy using the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1411.1855 [hep-ex] , 10.1140/epjc/s10052-015-3363-3 , Eur. Phys. J. C **75**, no. 5, 228 (2015)

127. **“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”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1411.1559 [hep-ex] , 10.1103/PhysRevD.92.059903, 10.1103/PhysRevD.91.012008 , Phys. Rev. D **91**, no. 1, 012008 (2015), Erratum: [Phys. Rev. D **92**, no. 5, 059903 (2015)]
128. **“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”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1410.8857 [hep-ex] , 10.1007/JHEP02(2015)153, 10.1007/JHEP09(2015)141 , JHEP **1502**, 153 (2015), Erratum: [JHEP **1509**, 141 (2015)]
129. **“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”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1410.7238 [hep-ex] , 10.1007/JHEP01(2015)049 , JHEP **1501**, 049 (2015)
130. **“Measurement of indirect CP-violating asymmetries in $D^0 \rightarrow K^+ K^-$ and $D^0 \rightarrow \pi^+ \pi^-$ decays at CDF”** , T. A. Aaltonen *et al.* [CDF Collaboration] , arXiv:1410.5435 [hep-ex] , 10.1103/PhysRevD.90.111103 , Phys. Rev. D **90**, no. 11, 111103 (2014)
131. **“Search for invisible particles produced in association with single-top-quarks in proton-proton collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1410.5404 [hep-ex] , 10.1140/epjc/s10052-014-3233-4 , Eur. Phys. J. C **75**, no. 2, 79 (2015)
132. **“Updated Measurement of the Single Top Quark Production Cross Section and Vtb in the Missing Transverse Energy Plus Jets Topology in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV”** , T. A. Aaltonen *et al.* [CDF Collaboration] , arXiv:1410.4909 [hep-ex] , 10.1103/PhysRevD.93.032011 , Phys. Rev. D **93**, no. 3, 032011 (2016)
133. **“Search for the X_b and other hidden-beauty states in the $\pi^+ \pi^- \Upsilon(1S)$ channel at ATLAS”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1410.4409 [hep-ex] , 10.1016/j.physletb.2014.11.055 , Phys. Lett. B **740**, 199 (2015)
134. **“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”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1410.4103 [hep-ex] , 10.1016/j.physletb.2015.02.051 , Phys. Lett. B **743**, 235 (2015)
135. **“Search for dark matter in events with heavy quarks and missing transverse momentum in pp collisions with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1410.4031 [hep-ex] , 10.1140/epjc/s10052-015-3306-z , Eur. Phys. J. C **75**, no. 2, 92 (2015)
136. **“Search for s -channel single top-quark production in protonproton collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1410.0647 [hep-ex] , 10.1016/j.physletb.2014.11.042 , Phys. Lett. B **740**, 118 (2015)
137. **“Measurements of the W production cross sections in association with jets with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1409.8639 [hep-ex] , 10.1140/epjc/s10052-015-3262-7 , Eur. Phys. J. C **75**, no. 2, 82 (2015)
138. **“Search for the $b\bar{b}$ decay of the Standard Model Higgs boson in associated $(W/Z)H$ production with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1409.6212 [hep-ex] , 10.1007/JHEP01(2015)069 , JHEP **1501**, 069 (2015)
139. **“Search for resonant diboson production in the $\ell\ell q\bar{q}$ final state in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1409.6190 [hep-ex] , 10.1140/epjc/s10052-015-3261-8 , Eur. Phys. J. C **75**, 69 (2015)
140. **“Search for neutral Higgs bosons of the minimal supersymmetric standard model in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1409.6064 [hep-ex] , 10.1007/JHEP11(2014)056 , JHEP **1411**, 056 (2014)

141. **“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”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1409.5542 [hep-ex] , 10.1103/PhysRevD.90.112005 , Phys. Rev. D **90**, no. 11, 112005 (2014)
142. **“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”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1409.5500 [hep-ex] , 10.1007/JHEP11(2014)104 , JHEP **1411**, 104 (2014)
143. **“Review of Physics Results from the Tevatron: Electroweak Physics”** , A. V. Kotwal, H. Schellman and J. Sekaric. , arXiv:1409.5163 [hep-ex] , 10.1142/S0217751X15410043 , Int. J. Mod. Phys. A **30**, no. 06, 1541004 (2015)
144. **“Measurement of the Top-Quark Mass in the All-Hadronic Channel using the full CDF data set”** , T. A. Aaltonen *et al.* [CDF Collaboration] , arXiv:1409.4906 [hep-ex] , 10.1103/PhysRevD.90.091101 , Phys. Rev. D **90**, no. 9, 091101 (2014)
145. **“Review of Physics Results from the Tevatron”** , D. Bandurin *et al.* , arXiv:1409.4861 [hep-ex] , 10.1142/S0217751X15410018 , Int. J. Mod. Phys. A **30**, no. 06, 1541001 (2015)
146. **“Measurement of differential production cross section for Z/γ^* bosons in association with jets in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”** , T. A. Aaltonen *et al.* [CDF Collaboration] , arXiv:1409.4359 [hep-ex] , 10.1103/PhysRevD.91.012002 , Phys. Rev. D **91**, no. 1, 012002 (2015)
147. **“Measurement of distributions sensitive to the underlying event in inclusive Z -boson production in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1409.3433 [hep-ex] , 10.1140/epjc/s10052-014-3195-6 , Eur. Phys. J. C **74**, no. 12, 3195 (2014)
148. **“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”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1409.3122 [hep-ex] , 10.1016/j.physletb.2014.11.049 , Phys. Lett. B **740**, 222 (2015)
149. **“Measurement of long-range pseudorapidity correlations and azimuthal harmonics in $\sqrt{s_{NN}} = 5.02$ TeV proton-lead collisions with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1409.1792 [hep-ex] , 10.1103/PhysRevC.90.044906 , Phys. Rev. C **90**, no. 4, 044906 (2014)
150. **“Measurement of the top-quark mass in the fully hadronic decay channel from ATLAS data at $\sqrt{s} = 7$ TeV”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1409.0832 [hep-ex] , 10.1140/epjc/s10052-015-3373-1 , Eur. Phys. J. C **75**, no. 4, 158 (2015)
151. **“Search for long-lived neutral particles decaying into lepton jets in proton-proton collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1409.0746 [hep-ex] , 10.1007/JHEP11(2014)088 , JHEP **1411**, 088 (2014)
152. **“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”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1408.7084 [hep-ex] , 10.1103/PhysRevD.90.112015 , Phys. Rev. D **90**, no. 11, 112015 (2014)
153. **“A measurement of the ratio of the production cross sections for W and Z bosons in association with jets with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1408.6510 [hep-ex] , 10.1140/epjc/s10052-014-3168-9 , Eur. Phys. J. C **74**, no. 12, 3168 (2014)
154. **“Measurement of the total cross section from elastic scattering in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1408.5778 [hep-ex] , 10.1016/j.nuclphysb.2014.10.019 , Nucl. Phys. B **889**, 486 (2014)

155. **“Search for the lepton flavor violating decay $Z\mu$ in pp collisions at $\sqrt{s}$ TeV with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1408.5774 [hep-ex] , 10.1103/PhysRevD.90.072010 , Phys. Rev. D **90**, no. 7, 072010 (2014)
156. **“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”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1408.5191 [hep-ex] , 10.1103/PhysRevD.91.012006 , Phys. Rev. D **91**, no. 1, 012006 (2015)
157. **“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”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1408.4674 [hep-ex] , 10.1140/epjc/s10052-014-3231-6 , Eur. Phys. J. C **75**, no. 1, 23 (2015)
158. **“Measurement of flow harmonics with multi-particle cumulants in Pb+Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1408.4342 [hep-ex] , 10.1140/epjc/s10052-014-3157-z , Eur. Phys. J. C **74**, no. 11, 3157 (2014)
159. **“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”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1408.3226 [hep-ex] , 10.1016/j.physletb.2014.09.054 , Phys. Lett. B **738**, 234 (2014)
160. **“Performance of the ATLAS muon trigger in pp collisions at $\sqrt{s} = 8$ TeV”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1408.3179 [hep-ex] , 10.1140/epjc/s10052-015-3325-9 , Eur. Phys. J. C **75**, 120 (2015)
161. **“Search for $W' \rightarrow tb \rightarrow qqbb$ decays in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1408.0886 [hep-ex] , 10.1140/epjc/s10052-015-3372-2 , Eur. Phys. J. C **75**, no. 4, 165 (2015)
162. **“Search for new resonances in $W\gamma$ and $Z\gamma$ final states in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1407.8150 [hep-ex] , 10.1016/j.physletb.2014.10.002 , Phys. Lett. B **738**, 428 (2014)
163. **“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”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1407.7494 [hep-ex] , 10.1007/JHEP09(2014)037 , JHEP **1409**, 037 (2014)
164. **“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”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1407.6583 [hep-ex] , 10.1103/PhysRevLett.113.171801 , Phys. Rev. Lett. **113**, no. 17, 171801 (2014)
165. **“Measurements of jet vetoes and azimuthal decorrelations in dijet events produced in pp collisions at $\sqrt{s} = 7$ TeV using the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1407.5756 [hep-ex] , 10.1140/epjc/s10052-014-3117-7 , Eur. Phys. J. C **74**, no. 11, 3117 (2014)
166. **“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”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1407.5532 [hep-ex] , 10.1007/JHEP09(2014)079 , JHEP **1409**, 079 (2014)
167. **“Electron and photon energy calibration with the ATLAS detector using LHC Run 1 data”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1407.5063 [hep-ex] , 10.1140/epjc/s10052-014-3071-4 , Eur. Phys. J. C **74**, no. 10, 3071 (2014)
168. **“Measurements of spin correlation in top-antitop quark events from proton-proton collisions at $\sqrt{s} = 7$ TeV using the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1407.4314 [hep-ex] , 10.1103/PhysRevD.90.112016 , Phys. Rev. D **90**, no. 11, 112016 (2014)
169. **“Measurements of fiducial and differential cross sections for Higgs boson production in the diphoton decay channel at $\sqrt{s} = 8$ TeV with ATLAS”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1407.4222 [hep-ex] , 10.1007/JHEP09(2014)112 , JHEP **1409**, 112 (2014)

170. “Measurement of the Single Top Quark Production Cross Section and $|V_{tb}|$ in Events with One Charged Lepton, Large Missing Transverse Energy, and Jets at CDF” , T. A. Aaltonen *et al.* [CDF Collaboration] , arXiv:1407.4031 [hep-ex] , 10.1103/PhysRevLett.113.261804 , Phys. Rev. Lett. **113**, no. 26, 261804 (2014)
171. “Measurement of the muon reconstruction performance of the ATLAS detector using 2011 and 2012 LHC protonproton collision data” , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1407.3935 [hep-ex] , 10.1140/epjc/s10052-014-3130-x , Eur. Phys. J. C **74**, no. 11, 3130 (2014)
172. “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” , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1407.3643 [hep-ex] , 10.1007/JHEP10(2014)141 , JHEP **1410**, 141 (2014)
173. “Studies of high-transverse momentum jet substructure and top quarks produced in 1.96 TeV proton-antiproton collisions” , T. A. Aaltonen *et al.* [CDF Collaboration] , arXiv:1407.3484 [hep-ex] , 10.1103/PhysRevD.91.032006 , Phys. Rev. D **91**, no. 3, 032006 (2015)
174. “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” , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1407.2410 [hep-ex] , 10.1140/epjc/s10052-014-3134-6 , Eur. Phys. J. C **74**, no. 12, 3134 (2014)
175. “Flavor tagged time-dependent angular analysis of the $B_s \rightarrow J/\psi\phi$ decay and extraction of $\Delta\Gamma$ s and the weak phase ϕ_s in ATLAS” , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1407.1796 [hep-ex] , 10.1103/PhysRevD.90.052007 , Phys. Rev. D **90**, no. 5, 052007 (2014)
176. “Search for new phenomena in the dijet mass distribution using $p - p$ collision data at $\sqrt{s} = 8$ TeV with the ATLAS detector” , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1407.1376 [hep-ex] , 10.1103/PhysRevD.91.052007 , Phys. Rev. D **91**, no. 5, 052007 (2015)
177. “Observation of an Excited $B_c^\pm$ Meson State with the ATLAS Detector” , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1407.1032 [hep-ex] , 10.1103/PhysRevLett.113.212004 , Phys. Rev. Lett. **113**, no. 21, 212004 (2014)
178. “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” , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1407.0891 [hep-ex] , 10.1007/JHEP01(2015)020 , JHEP **1501**, 020 (2015)
179. “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” , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1407.0800 [hep-ex] , 10.1088/1367-2630/16/11/113013 , New J. Phys. **16**, no. 11, 113013 (2014)
180. “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” , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1407.0608 [hep-ex] , 10.1103/PhysRevD.90.052008 , Phys. Rev. D **90**, no. 5, 052008 (2014)
181. “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” , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1407.0603 [hep-ex] , 10.1007/JHEP09(2014)103 , JHEP **1409**, 103 (2014)
182. “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” , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1407.0600 [hep-ex] , 10.1007/JHEP10(2014)024 , JHEP **1410**, 024 (2014)
183. “Search for top squark pair production in final states with one isolated lepton, jets, and missing transverse momentum in $\sqrt{s} = 8$ TeV pp collisions with the ATLAS detector” , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1407.0583 [hep-ex] , 10.1007/JHEP11(2014)118 , JHEP **1411**, 118 (2014)

184. **“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”**, G. Aad *et al.* [ATLAS Collaboration], arXiv:1407.0573 [hep-ex], 10.1103/PhysRevD.91.052005, Phys. Rev. D **91**, no. 5, 052005 (2015)
185. **“Measurements of normalized differential cross sections for $t\bar{t}$ production in pp collisions at $\sqrt{s} = 7$ TeV using the ATLAS detector”**, G. Aad *et al.* [ATLAS Collaboration], arXiv:1407.0371 [hep-ex], 10.1103/PhysRevD.90.072004, Phys. Rev. D **90**, no. 7, 072004 (2014)
186. **“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”**, G. Aad *et al.* [ATLAS Collaboration], arXiv:1407.0350 [hep-ex], 10.1007/JHEP10(2014)096, JHEP **1410**, 096 (2014)
187. **“Comprehensive measurements of t -channel single top-quark production cross sections at $\sqrt{s} = 7$ TeV with the ATLAS detector”**, G. Aad *et al.* [ATLAS Collaboration], arXiv:1406.7844 [hep-ex], 10.1103/PhysRevD.90.112006, Phys. Rev. D **90**, no. 11, 112006 (2014)
188. **“A neural network clustering algorithm for the ATLAS silicon pixel detector”**, G. Aad *et al.* [ATLAS Collaboration], arXiv:1406.7690 [hep-ex], 10.1088/1748-0221/9/09/P09009, JINST **9**, P09009 (2014)
189. **“Search for the Standard Model Higgs boson decay to $\mu^+\mu^-$ with the ATLAS detector”**, G. Aad *et al.* [ATLAS Collaboration], arXiv:1406.7663 [hep-ex], 10.1016/j.physletb.2014.09.008, Phys. Lett. B **738**, 68 (2014)
190. **“Measurement of the $t\bar{t}$ production cross-section using $e\mu$ events with b -tagged jets in pp collisions at $\sqrt{s} = 7$ and 8 TeV with the ATLAS detector”**, G. Aad *et al.* [ATLAS Collaboration], arXiv:1406.5375 [hep-ex], 10.1140/epjc/s10052-014-3109-7, Eur. Phys. J. C **74**, no. 10, 3109 (2014)
191. **“Search For Higgs Boson Pair Production in the $\gamma\gamma b\bar{b}$ Final State using pp Collision Data at $\sqrt{s} = 8$ TeV from the ATLAS Detector”**, G. Aad *et al.* [ATLAS Collaboration], arXiv:1406.5053 [hep-ex], 10.1103/PhysRevLett.114.081802, Phys. Rev. Lett. **114**, no. 8, 081802 (2015)
192. **“Search for WZ resonances in the fully leptonic channel using pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector”**, G. Aad *et al.* [ATLAS Collaboration], arXiv:1406.4456 [hep-ex], 10.1016/j.physletb.2014.08.039, Phys. Lett. B **737**, 223 (2014)
193. **“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”**, G. Aad *et al.* [ATLAS Collaboration], arXiv:1406.3827 [hep-ex], 10.1103/PhysRevD.90.052004, Phys. Rev. D **90**, no. 5, 052004 (2014)
194. **“Measurement of the Z/γ^* boson transverse momentum distribution in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector”**, G. Aad *et al.* [ATLAS Collaboration], arXiv:1406.3660 [hep-ex], 10.1007/JHEP09(2014)145, JHEP **1409**, 145 (2014)
195. **“Measurement of inclusive jet charged-particle fragmentation functions in Pb+Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV with the ATLAS detector”**, G. Aad *et al.* [ATLAS Collaboration], arXiv:1406.2979 [hep-ex], 10.1016/j.physletb.2014.10.065, Phys. Lett. B **739**, 320 (2014)
196. **“Search for direct pair production of the top squark in all-hadronic final states in proton-proton collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector”**, G. Aad *et al.* [ATLAS Collaboration], arXiv:1406.1122 [hep-ex], 10.1007/JHEP09(2014)015, JHEP **1409**, 015 (2014)
197. **“Measurement of the underlying event in jet events from 7 TeV proton-proton collisions with the ATLAS detector”**, G. Aad *et al.* [ATLAS Collaboration], arXiv:1406.0392 [hep-ex], 10.1140/epjc/s10052-014-2965-5, Eur. Phys. J. C **74**, no. 8, 2965 (2014)
198. **“Jet energy measurement and its systematic uncertainty in proton-proton collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector”**, G. Aad *et al.* [ATLAS Collaboration], arXiv:1406.0076 [hep-ex], 10.1140/epjc/s10052-014-3190-y, Eur. Phys. J. C **75**, 17 (2015)

199. **“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”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1405.7875 [hep-ex] , 10.1007/JHEP09(2014)176 , JHEP **1409**, 176 (2014)
200. **“Light-quark and gluon jet discrimination in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1405.6583 [hep-ex] , 10.1140/epjc/s10052-014-3023-z , Eur. Phys. J. C **74**, no. 8, 3023 (2014)
201. **“Evidence for Electroweak Production of $W^\pm W^\pm jj$ in pp Collisions at $\sqrt{s} = 8$ TeV with the ATLAS Detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1405.6241 [hep-ex] , 10.1103/PhysRevLett.113.141803 , Phys. Rev. Lett. **113**, no. 14, 141803 (2014)
202. **“Search for supersymmetry in events with four or more leptons in $\sqrt{s} = 8$ TeV pp collisions with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1405.5086 [hep-ex] , 10.1103/PhysRevD.90.052001 , Phys. Rev. D **90**, no. 5, 052001 (2014)
203. **“Search for microscopic black holes and string balls in final states with leptons and jets with the ATLAS detector at $\sqrt{s} = 8$ TeV”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1405.4254 [hep-ex] , 10.1007/JHEP08(2014)103 , JHEP **1408**, 103 (2014)
204. **“Search for high-mass dilepton resonances in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1405.4123 [hep-ex] , 10.1103/PhysRevD.90.052005 , Phys. Rev. D **90**, no. 5, 052005 (2014)
205. **“Measurement of the centrality and pseudorapidity dependence of the integrated elliptic flow in lead-lead collisions at $\sqrt{s_{NN}} = 2.76$ TeV with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1405.3936 [hep-ex] , 10.1140/epjc/s10052-014-2982-4 , Eur. Phys. J. C **74**, no. 8, 2982 (2014)
206. **“Monitoring and data quality assessment of the ATLAS liquid argon calorimeter”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1405.3768 [hep-ex] , 10.1088/1748-0221/9/07/P07024 , JINST **9**, P07024 (2014)
207. **“Operation and performance of the ATLAS semiconductor tracker”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1404.7473 [hep-ex] , 10.1088/1748-0221/9/08/P08009 , JINST **9**, P08009 (2014)
208. **“Measurement of the cross section of high transverse momentum $Z \rightarrow b\bar{b}$ production in proton–proton collisions at $\sqrt{s} = 8$ TeV with the ATLAS Detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1404.7042 [hep-ex] , 10.1016/j.physletb.2014.09.020 , Phys. Lett. B **738**, 25 (2014)
209. **“Measurement of χ_{c1} and χ_{c2} production with $\sqrt{s} = 7$ TeV pp collisions at ATLAS”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1404.7035 [hep-ex] , 10.1007/JHEP07(2014)154 , JHEP **1407**, 154 (2014)
210. **“Muon reconstruction efficiency and momentum resolution of the ATLAS experiment in proton-proton collisions at $\sqrt{s} = 7$ TeV in 2010”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1404.4562 [hep-ex] , 10.1140/epjc/s10052-014-3034-9 , Eur. Phys. J. C **74**, no. 9, 3034 (2014)
211. **“Measurement of the inclusive leptonic asymmetry in top-quark pairs that decay to two charged leptons at CDF”** , T. A. Aaltonen *et al.* [CDF Collaboration] , arXiv:1404.3698 [hep-ex] , 10.1103/PhysRevLett.113.042001 , Phys. Rev. Lett. **113**, 042001 (2014)
212. **“Drift Chamber Alignment using Cosmic Rays”** , A. V. Kotwal and C. P. Hays. , arXiv:1404.3457 [physics.ins-det] , 10.1016/j.nima.2014.05.050 , Nucl. Instrum. Meth. A **762**, 85 (2014)
213. **“Measurement of $B(t \rightarrow Wb)/B(t \rightarrow Wq)$ in Top-Quark-Pair Decays Using Dilepton Events and the Full CDF Run II Data Set”** , T. A. Aaltonen *et al.* [CDF Collaboration] , arXiv:1404.3392 [hep-ex] , 10.1103/PhysRevLett.112.221801 , Phys. Rev. Lett. **112**, no. 22, 221801 (2014)

214. **“Search for supersymmetry at $\sqrt{s}=8$ TeV in final states with jets and two same-sign leptons or three leptons with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1404.2500 [hep-ex] , 10.1007/JHEP06(2014)035 , JHEP **1406**, 035 (2014)
215. **“Long term performance evaluation of the TACTIC imaging telescope using ~ 400 h Crab Nebula observation during 2003-2010”** , A. K. Tickoo *et al.* , 10.1007/s12043-014-0707-8 , Pramana **82**, 585 (2014).
216. **“Electron reconstruction and identification efficiency measurements with the ATLAS detector using the 2011 LHC proton-proton collision data”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1404.2240 [hep-ex] , 10.1140/epjc/s10052-014-2941-0 , Eur. Phys. J. C **74**, no. 7, 2941 (2014)
217. **“Measurement of the low-mass Drell-Yan differential cross section at $\sqrt{s} = 7$ TeV using the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1404.1212 [hep-ex] , 10.1007/JHEP06(2014)112 , JHEP **1406**, 112 (2014)
218. **“Measurement of the parity-violating asymmetry parameter α_b and the helicity amplitudes for the decay $\Lambda_b^0 \rightarrow J/\psi + \Lambda^0$ with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1404.1071 [hep-ex] , 10.1103/PhysRevD.89.092009 , Phys. Rev. D **89**, no. 9, 092009 (2014)
219. **“Search for dark matter in events with a Z boson and missing transverse momentum in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1404.0051 [hep-ex] , 10.1103/PhysRevD.90.012004 , Phys. Rev. D **90**, no. 1, 012004 (2014)
220. **“Mass and lifetime measurements of bottom and charm baryons in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”** , T. A. Aaltonen *et al.* [CDF Collaboration] , arXiv:1403.8126 [hep-ex] , 10.1103/PhysRevD.89.072014 , Phys. Rev. D **89**, no. 7, 072014 (2014)
221. **“Search for top quark decays $t \rightarrow qH$ with $H \rightarrow \gamma\gamma$ using the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1403.6293 [hep-ex] , 10.1007/JHEP06(2014)008 , JHEP **1406**, 008 (2014)
222. **“Measurements of Four-Lepton Production at the Z Resonance in pp Collisions at $\sqrt{s}=7$ and 8 TeV with ATLAS”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1403.5657 [hep-ex] , 10.1103/PhysRevLett.112.231806 , Phys. Rev. Lett. **112**, no. 23, 231806 (2014)
223. **“Measurements of Direct CP -Violating Asymmetries in Charmless Decays of Bottom Baryons”** , T. A. Aaltonen *et al.* [CDF Collaboration] , arXiv:1403.5586 [hep-ex] , 10.1103/PhysRevLett.113.242001 , Phys. Rev. Lett. **113**, no. 24, 242001 (2014)
224. **“Search for direct production of charginos, neutralinos and sleptons in final states with two leptons and missing transverse momentum in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1403.5294 [hep-ex] , 10.1007/JHEP05(2014)071 , JHEP **1405**, 071 (2014)
225. **“Search for direct top squark pair production in events with a Z boson, b-jets and missing transverse momentum in $\sqrt{s}=8$ TeV pp collisions with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1403.5222 [hep-ex] , 10.1140/epjc/s10052-014-2883-6 , Eur. Phys. J. C **74**, no. 6, 2883 (2014)
226. **“Search for direct top-squark pair production in final states with two leptons in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1403.4853 [hep-ex] , 10.1007/JHEP06(2014)124 , JHEP **1406**, 124 (2014)
227. **“Measurement of the ZZ production cross section using the full CDF II data set”** , T. A. Aaltonen *et al.* [CDF Collaboration] , arXiv:1403.2300 [hep-ex] , 10.1103/PhysRevD.89.112001 , Phys. Rev. D **89**, no. 11, 112001 (2014)
228. **“Measurement of event-plane correlations in $\sqrt{s_{NN}} = 2.76$ TeV lead-lead collisions with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1403.0489 [hep-ex] , 10.1103/PhysRevC.90.024905 , Phys. Rev. C **90**, no. 2, 024905 (2014)

229. **“Invariant-mass distribution of jet pairs produced in association with a W boson in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV using the full CDF Run II data set”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1402.7044 [hep-ex] , 10.1103/PhysRevD.89.092001 , Phys. Rev. D **89**, no. 9, 092001 (2014)
230. **“Search for direct production of charginos and neutralinos in events with three leptons and missing transverse momentum in $\sqrt{s} = 8$ TeV pp collisions with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1402.7029 [hep-ex] , 10.1007/JHEP04(2014)169 , JHEP **1404**, 169 (2014)
231. **“Study of Top-Quark Production and Decays involving a Tau Lepton at CDF and Limits on a Charged-Higgs Boson Contribution”** , T. A. Aaltonen *et al.* [CDF Collaboration] , arXiv:1402.6728 [hep-ex] , 10.1103/PhysRevD.89.091101 , Phys. Rev. D **89**, no. 9, 091101 (2014)
232. **“Measurement of the production of a W boson in association with a charm quark in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1402.6263 [hep-ex] , 10.1007/JHEP05(2014)068 , JHEP **1405**, 068 (2014)
233. **“The differential production cross section of the ϕ (1020) meson in $\sqrt{s} = 7$ TeV pp collisions measured with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1402.6162 [hep-ex] , 10.1140/epjc/s10052-014-2895-2 , Eur. Phys. J. C **74**, no. 7, 2895 (2014)
234. **“Observation of s-channel production of single top quarks at the Tevatron”** , T. A. Aaltonen *et al.* [CDF and D0 Collaborations] , arXiv:1402.5126 [hep-ex] , 10.1103/PhysRevLett.112.231803 , Phys. Rev. Lett. **112**, 231803 (2014)
235. **“Search for s -Channel Single-Top-Quark Production in Events with Missing Energy Plus Jets in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV”** , T. A. Aaltonen *et al.* [CDF Collaboration] , arXiv:1402.3756 [hep-ex] , 10.1103/PhysRevLett.112.231805 , Phys. Rev. Lett. **112**, no. 23, 231805 (2014)
236. **“Search for Invisible Decays of a Higgs Boson Produced in Association with a Z Boson in ATLAS”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1402.3244 [hep-ex] , 10.1103/PhysRevLett.112.201802 , Phys. Rev. Lett. **112**, 201802 (2014)
237. **“Search for Higgs boson decays to a photon and a Z boson in pp collisions at $\sqrt{s} = 7$ and 8 TeV with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1402.3051 [hep-ex] , 10.1016/j.physletb.2014.03.015 , Phys. Lett. B **732**, 8 (2014)
238. **“Indirect measurement of $\sin^2 \theta_W$ (or M_W) using $\mu^+ \mu^-$ pairs from γ^*/Z bosons produced in $p\bar{p}$ collisions at a center-of-momentum energy of 1.96 TeV”** , T. A. Aaltonen *et al.* [CDF Collaboration] , arXiv:1402.2239 [hep-ex] , 10.1103/PhysRevD.89.072005 , Phys. Rev. D **89**, no. 7, 072005 (2014)
239. **“Evidence for s -channel Single-Top-Quark Production in Events with one Charged Lepton and two Jets at CDF”** , T. A. Aaltonen *et al.* [CDF Collaboration] , arXiv:1402.0484 [hep-ex] , 10.1103/PhysRevLett.112.231804 , Phys. Rev. Lett. **112**, 231804 (2014)
240. **“Measurement of the electroweak production of dijets in association with a Z-boson and distributions sensitive to vector boson fusion in proton-proton collisions at $\sqrt{s} = 8$ TeV using the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1401.7610 [hep-ex] , 10.1007/JHEP04(2014)031 , JHEP **1404**, 031 (2014)
241. **“Measurement of the production cross section of prompt J/ψ mesons in association with a $W^\pm$ boson in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1401.2831 [hep-ex] , 10.1007/JHEP04(2014)172 , JHEP **1404**, 172 (2014)
242. **“Measurement of dijet cross sections in pp collisions at 7 TeV centre-of-mass energy using the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1312.3524 [hep-ex] , 10.1007/JHEP05(2014)059 , JHEP **1405**, 059 (2014)
243. **“Search for a multi-Higgs-boson cascade in $W^+ W b\bar{b}$ events with the ATLAS detector in pp collisions at $\sqrt{s} = 8$ TeV”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1312.1956 [hep-ex] , 10.1103/PhysRevD.89.032002 , Phys. Rev. D **89**, no. 3, 032002 (2014)

244. **“Standalone vertex finding in the ATLAS muon spectrometer”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1311.7070 [physics.ins-det] , 10.1088/1748-0221/9/02/P02001 , JINST **9**, P02001 (2014)
245. **“Measurement of the top quark pair production charge asymmetry in proton-proton collisions at $\sqrt{s} = 7$ TeV using the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1311.6724 [hep-ex] , 10.1007/JHEP02(2014)107 , JHEP **1402**, 107 (2014)
246. **“First Search for Exotic Z Boson Decays into Photons and Neutral Pions in Hadron Collisions”** , T. A. Aaltonen *et al.* [CDF Collaboration] , arXiv:1311.3282 [hep-ex] , 10.1103/PhysRevLett.112.111803 , Phys. Rev. Lett. **112**, 111803 (2014)
247. **“Search for Quantum Black Hole Production in High-Invariant-Mass Lepton+Jet Final States Using pp Collisions at $\sqrt{s} = 8$ TeV and the ATLAS Detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1311.2006 [hep-ex] , 10.1103/PhysRevLett.112.091804 , Phys. Rev. Lett. **112**, no. 9, 091804 (2014)
248. **“Measurement of the inclusive isolated prompt photons cross section in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector using 4.6fb^{-1} ”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1311.1440 [hep-ex] , 10.1103/PhysRevD.89.052004 , Phys. Rev. D **89**, no. 5, 052004 (2014)
249. **“Precise measurement of the W -boson mass with the Collider Detector at Fermilab”** , T. A. Aaltonen *et al.* [CDF Collaboration] , arXiv:1311.0894 [hep-ex] , 10.1103/PhysRevD.89.072003 , Phys. Rev. D **89**, no. 7, 072003 (2014)
250. **“Search for a dijet resonance in events with jets and missing transverse energy in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1310.7267 [hep-ex] , 10.1103/PhysRevD.88.092004 , Phys. Rev. D **88**, no. 9, 092004 (2013)
251. **“Search for long-lived stopped R-hadrons decaying out-of-time with pp collisions using the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1310.6584 [hep-ex] , 10.1103/PhysRevD.88.112003 , Phys. Rev. D **88**, no. 11, 112003 (2013)
252. **“Measurement of the mass difference between top and anti-top quarks in pp collisions at $\sqrt{s} = 7$ TeV using the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1310.6527 [hep-ex] , 10.1016/j.physletb.2013.12.010 , Phys. Lett. B **728**, 363 (2014)
253. **“Search for charginos nearly mass degenerate with the lightest neutralino based on a disappearing-track signature in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1310.3675 [hep-ex] , 10.1103/PhysRevD.88.112006 , Phys. Rev. D **88**, no. 11, 112006 (2013)
254. **“Search for the production of ZW and ZZ boson pairs decaying into charged leptons and jets in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV”** , T. A. Aaltonen *et al.* [CDF Collaboration] , arXiv:1310.0086 [hep-ex] , 10.1103/PhysRevD.88.092002 , Phys. Rev. D **88**, no. 9, 092002 (2013)
255. **“Combination of measurements of the top-quark pair production cross section from the Tevatron Collider”** , T. A. Aaltonen *et al.* [CDF and D0 Collaborations] , arXiv:1309.7570 [hep-ex] , 10.1103/PhysRevD.89.072001 , Phys. Rev. D **89**, no. 7, 072001 (2014)
256. **“Search for new physics in trilepton events and limits on the associated chargino-neutralino production at CDF”** , T. A. Aaltonen *et al.* [CDF Collaboration] , arXiv:1309.7509 [hep-ex] , 10.1103/PhysRevD.90.012011 , Phys. Rev. D **90**, no. 1, 012011 (2014)
257. **“Study of orbitally excited B mesons and evidence for a new $B\pi$ resonance”** , T. A. Aaltonen *et al.* [CDF Collaboration] , arXiv:1309.5961 [hep-ex] , 10.1103/PhysRevD.90.012013 , Phys. Rev. D **90**, no. 1, 012013 (2014)
258. **“Observation of $D^0 - \bar{D}^0$ Mixing Using the CDF II Detector”** , T. A. Aaltonen *et al.* [CDF Collaboration] , arXiv:1309.4078 [hep-ex] , 10.1103/PhysRevLett.111.231802 , Phys. Rev. Lett. **111**, no. 23, 231802 (2013)

259. **“Search for dark matter in events with a hadronically decaying W or Z boson and missing transverse momentum in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1309.4017 [hep-ex] , 10.1103/PhysRevLett.112.041802 , Phys. Rev. Lett. **112**, no. 4, 041802 (2014)
260. **“Search for new phenomena in photon+jet events collected in proton–proton collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1309.3230 [hep-ex] , 10.1016/j.physletb.2013.12.029 , Phys. Lett. B **728**, 562 (2014)
261. **“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] , 10.1103/PhysRevD.88.072001 , Phys. Rev. D **88**, no. 7, 072001 (2013)
262. **“Direct Measurement of the Total Decay Width of the Top Quark”** , T. A. Aaltonen *et al.* [CDF Collaboration] , arXiv:1308.4050 [hep-ex] , 10.1103/PhysRevLett.111.202001 , Phys. Rev. Lett. **111**, no. 20, 202001 (2013)
263. **“Production of K_S^0 , $K^{*\pm}(892)$ and $\phi^0(1020)$ in minimum bias events and K_S^0 and Λ^0 in jets in $p\bar{p}$ collisions at $\sqrt{s} = 1.96\text{TeV}$ ”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1308.3371 [hep-ex] , 10.1103/PhysRevD.88.092005 , Phys. Rev. D **88**, 092005 (2013)
264. **“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] , 10.1007/JHEP10(2013)189 , JHEP **1310**, 189 (2013)
265. **“Electromagnetic Shower Properties in a Lead-Scintillator Sampling Calorimeter”** , A. V. Kotwal and C. Hays. , arXiv:1308.2025 [physics.ins-det] , 10.1016/j.nima.2013.05.185 , Nucl. Instrum. Meth. A **729**, 25 (2013)
266. **“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] , 10.1007/JHEP10(2013)130, 10.1007/JHEP01(2014)109 , JHEP **1310**, 130 (2013), Erratum: [JHEP **1401**, 109 (2014)]
267. **“Evidence for a bottom baryon resonance Λ_b^{*0} in CDF data”** , T. A. Aaltonen *et al.* [CDF Collaboration] , arXiv:1308.1760 [hep-ex] , 10.1103/PhysRevD.88.071101 , Phys. Rev. D **88**, no. 7, 071101 (2013)
268. **“Search for excited electrons and muons in $\sqrt{s}=8$ TeV proton-proton collisions with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1308.1364 [hep-ex] , 10.1088/1367-2630/15/9/093011 , New J. Phys. **15**, 093011 (2013)
269. **“Measurement of the leptonic asymmetry in $t\bar{t}$ events produced in $p\bar{p}$ collisions at $\sqrt{s} = 1.96\text{TeV}$ ”** , T. A. Aaltonen *et al.* [CDF Collaboration] , arXiv:1308.1120 [hep-ex] , 10.1103/PhysRevD.88.072003 , Phys. Rev. D **88**, no. 7, 072003 (2013)
270. **“Combination of CDF and D0 W -Boson Mass Measurements”** , T. A. Aaltonen *et al.* [CDF and D0 Collaborations] , arXiv:1307.7627 [hep-ex] , 10.1103/PhysRevD.88.052018 , Phys. Rev. D **88**, no. 5, 052018 (2013)
271. **“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)
272. **“Measurement of Top Quark Polarization in Top-Antitop Events from Proton-Proton Collisions at $\sqrt{s} = 7\text{TeV}$ Using the ATLAS Detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1307.6511 [hep-ex] , 10.1103/PhysRevLett.111.232002 , Phys. Rev. Lett. **111**, no. 23, 232002 (2013)
273. **“Measurement of jet shapes in top-quark pair events at $\sqrt{s} = 7$ TeV using the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1307.5749 [hep-ex] , 10.1140/epjc/s10052-013-2676-3 , Eur. Phys. J. C **73**, no. 12, 2676 (2013)

274. **“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], 10.1007/JHEP11(2013)031, JHEP **1311**, 031 (2013)
275. **“Evidence for the spin-0 nature of the Higgs boson using ATLAS data”**, G. Aad *et al.* [ATLAS Collaboration], arXiv:1307.1432 [hep-ex], 10.1016/j.physletb.2013.08.026, Phys. Lett. B **726**, 120 (2013)
276. **“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], 10.1016/j.physletb.2014.05.011, 10.1016/j.physletb.2013.08.010, Phys. Lett. B **726**, 88 (2013), Erratum: [Phys. Lett. B **734**, 406 (2014)]
277. **“Indirect measurement of $\sin^2 \theta_W (M_W)$ using e^+e^- pairs in the Z-boson region with $p\bar{p}$ collisions at a center-of-momentum energy of 1.96 TeV”**, T. Aaltonen *et al.* [CDF Collaboration], arXiv:1307.0770 [hep-ex], 10.1103/PhysRevD.88.072002, 10.1103/PhysRevD.88.079905, Phys. Rev. D **88**, no. 7, 072002 (2013), Erratum: [Phys. Rev. D **88**, no. 7, 079905 (2013)]
278. **“Signature-based search for delayed photons in exclusive photon plus missing transverse energy events from $p\bar{p}$ collisions with $\sqrt{s} = 1.96$ TeV”**, T. Aaltonen *et al.* [CDF Collaboration], arXiv:1307.0474 [hep-ex], 10.1103/PhysRevD.88.031103, Phys. Rev. D **88**, no. 3, 031103 (2013)
279. **“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], 10.1007/JHEP10(2013)042, JHEP **1310**, 042 (2013)
280. **“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], 10.1103/PhysRevLett.111.152301, Phys. Rev. Lett. **111**, no. 15, 152301 (2013)
281. **“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], 10.1007/JHEP09(2013)076, JHEP **1309**, 076 (2013)
282. **“Measurement of the Differential Cross Section $d\sigma/d(\cos\theta_t)$ for Top-Quark Pair Production in $p - \bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV”**, T. Aaltonen *et al.* [CDF Collaboration], arXiv:1306.2357 [hep-ex], 10.1103/PhysRevLett.111.182002, Phys. Rev. Lett. **111**, no. 18, 182002 (2013)
283. **“Searches for the Higgs boson decaying to $W^+W^- \rightarrow \ell^+\nu\ell^-\bar{\nu}$ with the CDF II detector”**, T. Aaltonen *et al.* [CDF Collaboration], arXiv:1306.0023 [hep-ex], 10.1103/PhysRevD.88.052012, Phys. Rev. D **88**, no. 5, 052012 (2013)
284. **“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)
285. **“Top-quark mass measurement in events with jets and missing transverse energy using the full CDF data set”**, T. Aaltonen *et al.* [CDF Collaboration], arXiv:1305.3339 [hep-ex], 10.1103/PhysRevD.88.011101, Phys. Rev. D **88**, no. 1, 011101 (2013)
286. **“Measurement of the distributions of event-by-event flow harmonics in lead-lead collisions at $\sqrt{s} = 2.76$ TeV with the ATLAS detector at the LHC”**, G. Aad *et al.* [ATLAS Collaboration], arXiv:1305.2942 [hep-ex], 10.1007/JHEP11(2013)183, JHEP **1311**, 183 (2013)
287. **“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**, no. 1, 012004 (2013)
288. **“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 **8**, P07015 (2013)

289. **“Search for resonant diboson production in the WW/WZjj decay channels with the ATLAS detector at $\sqrt{s} = 7\text{TeV}$ ”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1305.0125 [hep-ex] , 10.1103/PhysRevD.87.112006 , Phys. Rev. D **87**, no. 11, 112006 (2013)
290. **“Measurement of the top-quark pair production cross-section in events with two leptons and bottom-quark jets using the full CDF data set”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1304.7961 [hep-ex] , 10.1103/PhysRevD.88.091103 , Phys. Rev. D **88**, 091103 (2013)
291. **“Measurement of the production cross section of jets in association with a Z boson in pp collisions at $\sqrt{s} = 7\text{ TeV}$ with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1304.7098 [hep-ex] , 10.1007/JHEP07(2013)032 , JHEP **1307**, 032 (2013)
292. **“Study of heavy-flavor quarks produced in association with top-quark pairs at $\sqrt{s} = 7\text{TeV}$ using the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1304.6386 [hep-ex] , 10.1103/PhysRevD.89.072012 , Phys. Rev. D **89**, no. 7, 072012 (2014)
293. **“Search for nonpointing photons in the diphoton and E_T^{miss} final state in $\sqrt{s}=7\text{TeV}$ 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**, no. 1, 012001 (2013)
294. **“Measurement of the inclusive jet cross section in pp collisions at $\sqrt{s}=2.76\text{ TeV}$ and comparison to the inclusive jet cross section at $\sqrt{s}=7\text{ TeV}$ 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**, no. 8, 2509 (2013)
295. **“Exclusion of exotic top-like quarks with $-4/3$ electric charge using jet-charge tagging in single-lepton $t\bar{t}$ events at CDF”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1304.4141 [hep-ex] , 10.1103/PhysRevD.88.032003 , Phys. Rev. D **88**, no. 3, 032003 (2013)
296. **“Higgs Boson Studies at the Tevatron”** , T. Aaltonen *et al.* [CDF and D0 Collaborations] , arXiv:1303.6346 [hep-ex] , 10.1103/PhysRevD.88.052014 , Phys. Rev. D **88**, no. 5, 052014 (2013)
297. **“Measurement of $R = \mathcal{B}(t \rightarrow Wb)/\mathcal{B}(t \rightarrow Wq)$ in Top-quark-pair Decays using Lepton+jets Events and the Full CDF Run II Data set”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1303.6142 [hep-ex] , 10.1103/PhysRevD.87.111101 , Phys. Rev. D **87**, no. 11, 111101 (2013)
298. **“Measurement of the cross section for direct-photon production in association with a heavy quark in $p\bar{p}$ collisions at $\sqrt{s} = 1.96\text{ TeV}$ ”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1303.6136 [hep-ex] , 10.1103/PhysRevLett.111.042003 , Phys. Rev. Lett. **111**, no. 4, 042003 (2013)
299. **“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).
300. **“Search for Pair Production of Strongly Interacting Particles Decaying to Pairs of Jets in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96\text{TeV}$ ”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1303.2699 [hep-ex] , 10.1103/PhysRevLett.111.031802 , Phys. Rev. Lett. **111**, no. 3, 031802 (2013)
301. **“Measurement with the ATLAS detector of multi-particle azimuthal correlations in p+Pb collisions at $\sqrt{s_{NN}} = 5.02\text{ TeV}$ ”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1303.2084 [hep-ex] , 10.1016/j.physletb.2013.06.057 , Phys. Lett. B **725**, 60 (2013)
302. **“Search for third generation scalar leptoquarks in pp collisions at $\sqrt{s} = 7\text{ TeV}$ with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1303.0526 [hep-ex] , 10.1007/JHEP06(2013)033 , JHEP **1306**, 033 (2013)
303. **“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 **8**, P07004 (2013)

304. **“Search for Supersymmetry with Like-Sign Lepton-Tau Events at CDF”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1302.4491 [hep-ex] , 10.1103/PhysRevLett.110.201802 , Phys. Rev. Lett. **110**, no. 20, 201802 (2013)
305. **“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)
306. **“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**, no. 8, 2518 (2013)
307. **“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**, no. 6, 2465 (2013)
308. **“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)
309. **“Measurement of kT splitting scales in $W \rightarrow \ell\nu$ 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**, no. 5, 2432 (2013)
310. **“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, 10.1103/PhysRevD.91.119901 , Phys. Rev. D **87**, no. 11, 112003 (2013), Erratum: [Phys. Rev. D **91**, no. 11, 119901 (2015)]
311. **“Search for $B_s^0 \rightarrow \mu^+\mu^-$ and $B^0 \rightarrow \mu^+\mu^-$ decays with the full CDF Run II data set”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1301.7048 [hep-ex] , 10.1103/PhysRevD.87.072003 , Phys. Rev. D **87**, no. 7, 072003 (2013)
312. **“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)
313. **“Combination of Searches for the Higgs Boson Using the Full CDF Data Set”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1301.6668 [hep-ex] , 10.1103/PhysRevD.88.052013 , Phys. Rev. D **88**, no. 5, 052013 (2013)
314. **“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)
315. **“Updated search for the standard model Higgs boson in events with jets and missing transverse energy using the full CDF data set”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1301.4440 [hep-ex] , 10.1103/PhysRevD.87.052008 , Phys. Rev. D **87**, 052008 (2013)
316. **“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)
317. **“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**, no. 3, 2362 (2013)
318. **“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)

319. **“Observation of Associated Near-Side and Away-Side Long-Range Correlations in $\sqrt{s_{NN}}=5.02\text{TeV}$ 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**, no. 18, 182302 (2013)
320. **“Measurement of the cross section for prompt isolated diphoton production using the full CDF Run II data sample”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1212.4204 [hep-ex] , 10.1103/PhysRevLett.110.101801 , Phys. Rev. Lett. **110**, no. 10, 101801 (2013)
321. **“Search for a two-Higgs-boson doublet using a simplified model in $p\bar{p}$ collisions at $\sqrt{s} = 1.96\text{ TeV}$ ”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1212.3837 [hep-ex] , 10.1103/PhysRevLett.110.121801 , Phys. Rev. Lett. **110**, no. 12, 121801 (2013)
322. **“Search for charged Higgs bosons through the violation of lepton universality in $t\bar{t}$ events using pp collision data at $\sqrt{s} = 7\text{ TeV}$ with the ATLAS experiment”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1212.3572 [hep-ex] , 10.1007/JHEP03(2013)076 , JHEP **1303**, 076 (2013)
323. **“Search for a heavy narrow resonance decaying to $e\mu$, $e\tau$, or $\mu\tau$ with the ATLAS detector in $\sqrt{s} = 7\text{ TeV}$ 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)
324. **“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**, no. 5, 052004 (2013)
325. **“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**, no. 3, 2328 (2013)
326. **“Search for the neutral Higgs bosons of the Minimal Supersymmetric Standard Model in pp collisions at $\sqrt{s} = 7\text{ TeV}$ with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1211.6956 [hep-ex] , 10.1007/JHEP02(2013)095 , JHEP **1302**, 095 (2013)
327. **“Measurement of angular correlations in Drell-Yan lepton pairs to probe Z/γ^* boson transverse momentum at $\sqrt{s}=7\text{ TeV}$ 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)
328. **“Search for new phenomena in events with three charged leptons at $\sqrt{s} = 7\text{ TeV}$ with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1211.6312 [hep-ex] , 10.1103/PhysRevD.87.052002 , Phys. Rev. D **87**, no. 5, 052002 (2013)
329. **“Measurement of ZZ production in pp collisions at $\sqrt{s} = 7\text{ TeV}$ 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)
330. **“Search for Resonant Top-Antitop Production in the Lepton Plus Jets Decay Mode Using the Full CDF Data Set”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1211.5363 [hep-ex] , 10.1103/PhysRevLett.110.121802 , Phys. Rev. Lett. **110**, no. 12, 121802 (2013)
331. **“Measurement of W -Boson Polarization in Top-quark Decay using the Full CDF Run II Data Set”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1211.4523 [hep-ex] , 10.1103/PhysRevD.87.031104 , Phys. Rev. D **87**, no. 3, 031104 (2013)
332. **“Search for resonances decaying into top-quark pairs using fully hadronic decays in pp collisions with ATLAS at $\sqrt{s} = 7\text{ TeV}$ ”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1211.2202 [hep-ex] , 10.1007/JHEP01(2013)116 , JHEP **1301**, 116 (2013)
333. **“Measurement of isolated-photon pair production in pp collisions at $\sqrt{s} = 7\text{ TeV}$ with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1211.1913 [hep-ex] , 10.1007/JHEP01(2013)086 , JHEP **1301**, 086 (2013)

334. “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)
335. “Search for supersymmetry in events with photons, bottom quarks, and missing transverse momentum in protonproton 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.2013.01.042 , Phys. Lett. B **719**, 261 (2013)
336. “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**, no. 1, 015010 (2013)
337. “Measurement of the top quark forward-backward production asymmetry and its dependence on event kinematic properties” , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1211.1003 [hep-ex] , 10.1103/PhysRevD.87.092002 , Phys. Rev. D **87**, no. 9, 092002 (2013)
338. “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)
339. “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)
340. “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)
341. “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**, no. 2, 022301 (2013)
342. “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**, no. 3, 2306 (2013)
343. “Measurement of the mass difference between top and antitop quarks” , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1210.6131 [hep-ex] , 10.1103/PhysRevD.87.052013 , Phys. Rev. D **87**, no. 5, 052013 (2013)
344. “Search for a heavy vector boson decaying to two gluons in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV” , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1210.5686 [hep-ex] , 10.1103/PhysRevD.86.112002 , Phys. Rev. D **86**, 112002 (2012)
345. “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)
346. “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)
347. “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**, no. 1, 2263 (2013)
348. “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)

349. **“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)
350. **“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)
351. **“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)
352. **“Measurement of W^+W^- production in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector and limits on anomalous WWZ and WW couplings”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1210.2979 [hep-ex] , 10.1103/PhysRevD.87.112001, 10.1103/PhysRevD.88.079906 , Phys. Rev. D **87**, no. 11, 112001 (2013), Erratum: [Phys. Rev. D **88**, no. 7, 079906 (2013)]
353. **“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)
354. **“Measurement of the B_c^- meson lifetime in the decay $B_c^- \rightarrow J/\psi \pi^-$ ”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1210.2366 [hep-ex] , 10.1103/PhysRevD.87.011101 , Phys. Rev. D **87**, no. 1, 011101 (2013)
355. **“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)
356. **“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)
357. **“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**, no. 2, 2301 (2013)
358. **“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)
359. **“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)
360. **“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**, no. 1, 011802 (2013)
361. **“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)
362. **“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)
363. **“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)

364. **“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)
365. **“Observation of the Production of a W Boson in Association with a Single Charm Quark”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1209.1921 [hep-ex] , 10.1103/PhysRevLett.110.071801 , Phys. Rev. Lett. **110**, no. 7, 071801 (2013)
366. **“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)
367. **“Search for the Higgs boson in the all-hadronic final state using the full CDF data set”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1208.6445 [hep-ex] , 10.1007/JHEP02(2013)004 , JHEP **1302**, 004 (2013)
368. **“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)
369. **“Measurements of the Top-quark Mass and the $t\bar{t}$ Cross Section in the Hadronic $\tau +$ Jets Decay Channel at $\sqrt{s} = 1.96$ TeV”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1208.5720 [hep-ex] , 10.1103/PhysRevLett.109.192001 , Phys. Rev. Lett. **109**, 192001 (2012)
370. **“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)
371. **“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)
372. **“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)
373. **“Measurement of the Bottom-Strange Meson Mixing Phase in the Full CDF Data Set”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1208.2967 [hep-ex] , 10.1103/PhysRevLett.109.171802 , Phys. Rev. Lett. **109**, 171802 (2012)
374. **“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)
375. **“Search for new phenomena in the WW to $\ell\nu\ell'\nu'$ 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)
376. **“Search for the standard model Higgs boson produced in association with top quarks using the full CDF data set”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1208.2662 [hep-ex] , 10.1103/PhysRevLett.109.181802 , Phys. Rev. Lett. **109**, 181802 (2012)
377. **“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)

378. “**Measurement of the jet radius and transverse momentum dependence of inclusive jet suppression in lead-lead collisions at $\sqrt{s_{NN}} = 2.76$ 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)
379. “**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)
380. “**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)
381. “**Search for squarks and gluinos with the ATLAS detector in final states with jets and missing transverse momentum using 4.7 fb^{-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**, no. 1, 012008 (2013)
382. “**Time-dependent angular analysis of the decay $B_s^0 \rightarrow J/\psi\phi$ 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)
383. “**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] , 10.1103/PhysRevD.86.072004 , Phys. Rev. D **86**, 072004 (2012)
384. “**Observation of a new particle in the search for the Standard Model Higgs boson with the ATLAS detector at the LHC**” , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1207.7214 [hep-ex] , 10.1016/j.physletb.2012.08.020 , Phys. Lett. B **716**, 1 (2012)
385. “**Transverse momentum cross section of e^+e^- pairs in the Z -boson region from $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV**” , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1207.7138 , 10.1103/PhysRevD.86.052010 , Phys. Rev. D **86**, 052010 (2012)
386. “**Measurement of charged-particle event shape variables in $\sqrt{s} = 7$ TeV proton-proton interactions with the ATLAS detector**” , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1207.6915 [hep-ex] , 10.1103/PhysRevD.88.032004 , Phys. Rev. D **88**, no. 3, 032004 (2013)
387. “**Precision Top-Quark Mass Measurements at CDF**” , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1207.6758 [hep-ex] , 10.1103/PhysRevLett.109.152003 , Phys. Rev. Lett. **109**, 152003 (2012)
388. “**Evidence for a particle produced in association with weak bosons and decaying to a bottom-antibottom quark pair in Higgs boson searches at the Tevatron**” , T. Aaltonen *et al.* [CDF and D0 Collaborations] , arXiv:1207.6436 [hep-ex] , 10.1103/PhysRevLett.109.071804 , Phys. Rev. Lett. **109**, 071804 (2012)
389. “**Search for magnetic monopoles in $\sqrt{s} = 7$ TeV pp collisions with the ATLAS detector**” , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1207.6411 [hep-ex] , 10.1103/PhysRevLett.109.261803 , Phys. Rev. Lett. **109**, 261803 (2012)
390. “**Search for a Higgs boson in the diphoton final state using the full CDF data set from $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV**” , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1207.6386 [hep-ex] , 10.1016/j.physletb.2012.08.051 , Phys. Lett. B **717**, 173 (2012)
391. “**Measurements of top quark pair relative differential cross-sections with ATLAS in pp collisions at $\sqrt{s} = 7$ TeV**” , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1207.5644 [hep-ex] , 10.1140/epjc/s10052-012-2261-1 , Eur. Phys. J. C **73**, no. 1, 2261 (2013)
392. “**Novel inclusive search for the Higgs boson in the four-lepton final state at CDF**” , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1207.5016 [hep-ex] , 10.1103/PhysRevD.86.072012, 10.1103/PhysRevD.86.099902 , Phys. Rev. D **86**, 072012 (2012)

393. **“Search for top and bottom squarks from gluino pair production in final states with missing transverse energy and at least three b-jets with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1207.4686 [hep-ex] , 10.1140/epjc/s10052-012-2174-z , Eur. Phys. J. C **72**, 2174 (2012)
394. **“Search for Neutral Higgs Bosons in Events with Multiple Bottom Quarks at the Tevatron”** , T. Aaltonen *et al.* [CDF and D0 Collaborations] , arXiv:1207.2757 [hep-ex] , 10.1103/PhysRevD.86.091101 , Phys. Rev. D **86**, 091101 (2012)
395. **“A search for $t\bar{t}$ resonances in lepton+jets events with highly boosted top quarks collected in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1207.2409 [hep-ex] , 10.1007/JHEP09(2012)041 , JHEP **1209**, 041 (2012)
396. **“Measurement of the b lifetime and mass in the ATLAS experiment”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1207.2284 [hep-ex] , 10.1103/PhysRevD.87.032002 , Phys. Rev. D **87**, no. 3, 032002 (2013)
397. **“Measurement of the difference of CP-violating asymmetries in $D^0 \rightarrow K^+K^-$ and $D^0 \rightarrow \pi^+\pi^-$ decays at CDF”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1207.2158 [hep-ex] , 10.1103/PhysRevLett.109.111801 , Phys. Rev. Lett. **109**, 111801 (2012)
398. **“Search for the standard model Higgs boson decaying to a $b\bar{b}$ pair in events with no charged leptons and large missing transverse energy using the full CDF data set”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1207.1711 [hep-ex] , 10.1103/PhysRevLett.109.111805 , Phys. Rev. Lett. **109**, 111805 (2012)
399. **“Combined search for the standard model Higgs boson decaying to a $b\bar{b}$ pair using the full CDF data set”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1207.1707 [hep-ex] , 10.1103/PhysRevLett.109.111802 , Phys. Rev. Lett. **109**, 111802 (2012)
400. **“Search for the standard model Higgs boson decaying to a $b\bar{b}$ pair in events with two oppositely-charged leptons using the full CDF data set”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1207.1704 [hep-ex] , 10.1103/PhysRevLett.109.111803 , Phys. Rev. Lett. **109**, 111803 (2012)
401. **“Search for the standard model Higgs boson decaying to a $b\bar{b}$ pair in events with one charged lepton and large missing transverse energy using the full CDF data set”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1207.1703 [hep-ex] , 10.1103/PhysRevLett.109.111804 , Phys. Rev. Lett. **109**, 111804 (2012)
402. **“Combination of the top-quark mass measurements from the Tevatron collider”** , T. Aaltonen *et al.* [CDF and D0 Collaborations] , arXiv:1207.1069 [hep-ex] , 10.1103/PhysRevD.86.092003 , Phys. Rev. D **86**, 092003 (2012)
403. **“Measurement of CP-violation asymmetries in $D^0 \rightarrow K_S\pi^+\pi^-$ ”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1207.0825 [hep-ex] , 10.1103/PhysRevD.86.032007 , Phys. Rev. D **86**, 032007 (2012)
404. **“Combined search for the Standard Model Higgs boson in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1207.0319 [hep-ex] , 10.1103/PhysRevD.86.032003 , Phys. Rev. D **86**, 032003 (2012)
405. **“Search for the Standard Model Higgs boson produced in association with a vector boson and decaying to a b -quark pair with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1207.0210 [hep-ex] , 10.1016/j.physletb.2012.10.061 , Phys. Lett. B **718**, 369 (2012)
406. **“Search for the Higgs boson in the $H \rightarrow WW \rightarrow l\nu jj$ decay channel at $\sqrt{s} = 7$ TeV with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1206.6074 [hep-ex] , 10.1016/j.physletb.2012.10.066 , Phys. Lett. B **718**, 391 (2012)

407. **“Search for the Standard Model Higgs boson in the H to $\tau^+\tau^-$ decay mode in $\sqrt{s} = 7$ TeV pp collisions with ATLAS”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1206.5971 [hep-ex] , 10.1007/JHEP09(2012)070 , JHEP **1209**, 070 (2012)
408. **“ATLAS measurements of the properties of jets for boosted particle searches”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1206.5369 [hep-ex] , 10.1103/PhysRevD.86.072006 , Phys. Rev. D **86**, 072006 (2012)
409. **“Search for the standard model Higgs boson produced in association with a $W^\pm$ boson with 7.5 fb^{-1} integrated luminosity at CDF”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1206.5063 [hep-ex] , 10.1103/PhysRevD.86.032011 , Phys. Rev. D **86**, 032011 (2012)
410. **“Diffractive Dijet Production in $\bar{p}p$ Collisions at $\sqrt{s} = 1.96$ TeV”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1206.3955 [hep-ex] , 10.1103/PhysRevD.86.032009 , Phys. Rev. D **86**, 032009 (2012)
411. **“Measurement of the b-hadron production cross section using decays to $D^*\mu^-X$ final states in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1206.3122 [hep-ex] , 10.1016/j.nuclphysb.2012.07.009 , Nucl. Phys. B **864**, 341 (2012)
412. **“Search for a standard model Higgs boson in the mass range 200-600 GeV in the $H \rightarrow ZZ \rightarrow \ell^+\ell^-q\bar{q}$ decay channel with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1206.2443 [hep-ex] , 10.1016/j.physletb.2012.09.020 , Phys. Lett. B **717**, 70 (2012)
413. **“Measurement of event shapes at large momentum transfer with the ATLAS detector in pp collisions at $\sqrt{s} = 7$ TeV”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1206.2135 [hep-ex] , 10.1140/epjc/s10052-012-2211-y , Eur. Phys. J. C **72**, 2211 (2012)
414. **“Hunt for new phenomena using large jet multiplicities and missing transverse momentum with ATLAS in 4.7 fb^{-1} of $\sqrt{s} = 7$ TeV proton-proton collisions”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1206.1760 [hep-ex] , 10.1007/JHEP07(2012)167 , JHEP **1207**, 167 (2012)
415. **“Search for the Standard Model Higgs boson in the $H \rightarrow WW(*) \rightarrow \ell\nu\ell\nu$ decay mode with $4.7/\text{fb}$ of ATLAS data at $\sqrt{s} = 7$ TeV”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1206.0756 [hep-ex] , 10.1016/j.physletb.2012.08.010 , Phys. Lett. B **716**, 62 (2012)
416. **“A search for flavour changing neutral currents in top-quark decays in pp collision data collected with the ATLAS detector at $\sqrt{s} = 7$ TeV”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1206.0257 [hep-ex] , 10.1007/JHEP09(2012)139 , JHEP **1209**, 139 (2012)
417. **“Search for a standard model Higgs boson in the $H \rightarrow ZZ \rightarrow \ell^+\ell^-\nu\bar{\nu}$ decay channel using 4.7 fb^{-1} of $\sqrt{s} = 7$ TeV data with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1205.6744 [hep-ex] , 10.1016/j.physletb.2012.09.016 , Phys. Lett. B **717**, 29 (2012)
418. **“Evidence for the associated production of a W boson and a top quark in ATLAS at $\sqrt{s} = 7$ TeV”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1205.5764 [hep-ex] , 10.1016/j.physletb.2012.08.011 , Phys. Lett. B **716**, 142 (2012)
419. **“A search for $t\bar{t}$ resonances with the ATLAS detector in 2.05 fb^{-1} of proton-proton collisions at $\sqrt{s} = 7$ TeV”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1205.5371 [hep-ex] , 10.1140/epjc/s10052-012-2083-1 , Eur. Phys. J. C **72**, 2083 (2012)
420. **“Measurement of the t -channel single top-quark production cross section in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1205.3130 [hep-ex] , 10.1016/j.physletb.2012.09.031 , Phys. Lett. B **717**, 330 (2012)
421. **“Measurement of $W\gamma$ and $Z\gamma$ production cross sections in pp collisions at $\sqrt{s} = 7$ TeV and limits on anomalous triple gauge couplings with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1205.2531 [hep-ex] , 10.1016/j.physletb.2012.09.017 , Phys. Lett. B **717**, 49 (2012)

422. “Measurement of the W boson polarization in top quark decays with the ATLAS detector” , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1205.2484 [hep-ex] , 10.1007/JHEP06(2012)088 , JHEP **1206**, 088 (2012)
423. “Measurement of the top quark pair cross section with ATLAS in pp collisions at $\sqrt{s} = 7$ TeV using final states with an electron or a muon and a hadronically decaying τ lepton” , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1205.2067 [hep-ex] , 10.1016/j.physletb.2012.09.032 , Phys. Lett. B **717**, 89 (2012)
424. “Search for $t\bar{b}$ resonances in proton-proton collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector” , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1205.1016 [hep-ex] , 10.1103/PhysRevLett.109.081801 , Phys. Rev. Lett. **109**, 081801 (2012)
425. “Search for a fermiophobic Higgs boson in the diphoton decay channel with the ATLAS detector” , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1205.0701 [hep-ex] , 10.1140/epjc/s10052-012-2157-0 , Eur. Phys. J. C **72**, 2157 (2012)
426. “W boson polarization measurement in the $t\bar{t}$ dilepton channel using the CDF II Detector” , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1205.0354 [hep-ex] , 10.1016/j.physletb.2013.03.032 , Phys. Lett. B **722**, 48 (2013)
427. “Search for scalar top quark pair production in natural gauge mediated supersymmetry models with the ATLAS detector in pp collisions at $\sqrt{s} = 7$ TeV” , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1204.6736 [hep-ex] , 10.1016/j.physletb.2012.07.010 , Phys. Lett. B **715**, 44 (2012)
428. “Measurement of τ polarization in $W \rightarrow \tau\nu$ decays with the ATLAS detector in pp collisions at $\sqrt{s} = 7$ TeV” , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1204.6720 [hep-ex] , 10.1140/epjc/s10052-012-2062-6 , Eur. Phys. J. C **72**, 2062 (2012)
429. “Search for supersymmetry 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:1204.5638 [hep-ex] , 10.1103/PhysRevLett.108.261804 , Phys. Rev. Lett. **108**, 261804 (2012)
430. “Search for TeV-scale gravity signatures in final states with leptons and jets with the ATLAS detector at $\sqrt{s} = 7$ TeV” , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1204.4646 [hep-ex] , 10.1016/j.physletb.2012.08.009 , Phys. Lett. B **716**, 122 (2012)
431. “Search for supersymmetry with jets, missing transverse momentum and at least one hadronically decaying τ lepton in proton-proton collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector” , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1204.3852 [hep-ex] , 10.1016/j.physletb.2012.06.061 , Phys. Lett. B **714**, 197 (2012)
432. “Search for charged Higgs bosons decaying via $H^+ \rightarrow \tau\nu$ in top quark pair events using pp collision data at $\sqrt{s} = 7$ TeV with the ATLAS detector” , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1204.2760 [hep-ex] , 10.1007/JHEP06(2012)039 , JHEP **1206**, 039 (2012)
433. “Search for resonant WZ production in the $WZ \rightarrow \ell\nu\ell'\ell'$ channel in $\sqrt{s} = 7$ TeV pp collisions with the ATLAS detector” , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1204.1648 [hep-ex] , 10.1103/PhysRevD.85.112012 , Phys. Rev. D **85**, 112012 (2012)
434. “Search for pair production of a new quark that decays to a Z boson and a bottom quark with the ATLAS detector” , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1204.1265 [hep-ex] , 10.1103/PhysRevLett.109.071801 , Phys. Rev. Lett. **109**, 071801 (2012)
435. “Search for the decay $B_s^0 \rightarrow \mu\mu$ with the ATLAS detector” , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1204.0735 [hep-ex] , 10.1016/j.physletb.2012.06.013 , Phys. Lett. B **713**, 387 (2012)
436. “Measurement of $B_s^0 \rightarrow D_s^{(*)+} D_s^{(*)-}$ Branching Ratios” , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1204.0536 [hep-ex] , 10.1103/PhysRevLett.108.201801 , Phys. Rev. Lett. **108**, 201801 (2012)

437. **“Search for events with large missing transverse momentum, jets, and at least two tau leptons in 7 TeV protonproton collision data with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1203.6580 [hep-ex] , 10.1016/j.physletb.2012.06.055 , Phys. Lett. B **714**, 180 (2012)
438. **“Measurement of the WW cross section in $\sqrt{s} = 7$ TeV pp collisions with the ATLAS detector and limits on anomalous gauge couplings”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1203.6232 [hep-ex] , 10.1016/j.physletb.2012.05.003 , Phys. Lett. B **712**, 289 (2012)
439. **“Search for supersymmetry in pp collisions at $\sqrt{s} = 7$ TeV in final states with missing transverse momentum and b^- jets with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1203.6193 [hep-ex] , 10.1103/PhysRevD.85.112006 , Phys. Rev. D **85**, 112006 (2012)
440. **“Search for the standard model Higgs boson produced in association with a Z Boson in 7.9 fb(-1) of p anti- p collisions at $\sqrt{s} = 1.96$ TeV using the CDF II detector”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1203.5815 [hep-ex] , 10.1016/j.physletb.2012.07.045 , Phys. Lett. B **715**, 98 (2012)
441. **“Search for gluinos in events with two same-sign leptons, jets and missing transverse momentum with the ATLAS detector in pp collisions at $\sqrt{s} = 7$ TeV”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1203.5763 [hep-ex] , 10.1103/PhysRevLett.108.241802 , Phys. Rev. Lett. **108**, 241802 (2012)
442. **“Measurement of the top quark mass with the template method in the $t\bar{t} \rightarrow$ lepton + jets channel using ATLAS data”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1203.5755 [hep-ex] , 10.1140/epjc/s10052-012-2046-6 , Eur. Phys. J. C **72**, 2046 (2012)
443. **“Search for heavy neutrinos and right-handed W bosons in events with two leptons and jets in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1203.5420 [hep-ex] , 10.1140/epjc/s10052-012-2056-4 , Eur. Phys. J. C **72**, 2056 (2012)
444. **“Measurement of $t\bar{t}$ production with a veto on additional central jet activity in pp collisions at $\sqrt{s} = 7$ TeV using the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1203.5015 [hep-ex] , 10.1140/epjc/s10052-012-2043-9 , Eur. Phys. J. C **72**, 2043 (2012)
445. **“Jet mass and substructure of inclusive jets in $\sqrt{s} = 7$ TeV pp collisions with the ATLAS experiment”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1203.4606 [hep-ex] , 10.1007/JHEP05(2012)128 , JHEP **1205**, 128 (2012)
446. **“Measurement of the charge asymmetry in top quark pair production in pp collisions at $\sqrt{s} = 7$ TeV using the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1203.4211 [hep-ex] , 10.1140/epjc/s10052-012-2039-5 , Eur. Phys. J. C **72**, 2039 (2012)
447. **“Search for Scalar Top Quark Production in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1203.4171 [hep-ex] , 10.1007/JHEP10(2012)158 , JHEP **1210**, 158 (2012)
448. **“Observation of spin correlation in $t\bar{t}$ events from pp collisions at $\sqrt{s} = 7$ TeV using the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1203.4081 [hep-ex] , 10.1103/PhysRevLett.108.212001 , Phys. Rev. Lett. **108**, 212001 (2012)
449. **“Determination of the strange quark density of the proton from ATLAS measurements of the $W \rightarrow \ell\nu$ and $Z \rightarrow \ell\ell$ cross sections”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1203.4051 [hep-ex] , 10.1103/PhysRevLett.109.012001 , Phys. Rev. Lett. **109**, 012001 (2012)
450. **“Search for a heavy particle decaying to a top quark and a light quark in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1203.3894 [hep-ex] , 10.1103/PhysRevLett.108.211805 , Phys. Rev. Lett. **108**, 211805 (2012)

451. **“Measurement of inclusive two-particle angular correlations in pp collisions with the ATLAS detector at the LHC”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1203.3549 [hep-ex] , 10.1007/JHEP05(2012)157 , JHEP **1205**, 157 (2012)
452. **“Search for second generation scalar leptoquarks in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1203.3172 [hep-ex] , 10.1140/epjc/s10052-012-2151-6 , Eur. Phys. J. C **72**, 2151 (2012)
453. **“Measurement of the production cross section of an isolated photon associated with jets in proton-proton collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1203.3161 [hep-ex] , 10.1103/PhysRevD.85.092014 , Phys. Rev. D **85**, 092014 (2012)
454. **“Forward-backward correlations and charged-particle azimuthal distributions in pp interactions using the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1203.3100 [hep-ex] , 10.1007/JHEP07(2012)019 , JHEP **1207**, 019 (2012)
455. **“Measurement of the azimuthal anisotropy for charged particle production in $\sqrt{s_{NN}} = 2.76$ TeV lead-lead collisions with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1203.3087 [hep-ex] , 10.1103/PhysRevC.86.014907 , Phys. Rev. C **86**, 014907 (2012)
456. **“Measurement of the polarisation of W bosons produced with large transverse momentum in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS experiment”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1203.2165 [hep-ex] , 10.1140/epjc/s10052-012-2001-6 , Eur. Phys. J. C **72**, 2001 (2012)
457. **“Search for a light Higgs boson decaying to long-lived weakly-interacting particles in proton-proton collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1203.1303 [hep-ex] , 10.1103/PhysRevLett.108.251801 , Phys. Rev. Lett. **108**, 251801 (2012)
458. **“Single hadron response measurement and calorimeter jet energy scale uncertainty with the ATLAS detector at the LHC”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1203.1302 [hep-ex] , 10.1140/epjc/s10052-013-2305-1 , Eur. Phys. J. C **73**, no. 3, 2305 (2013)
459. **“A Search for dark matter in events with one jet and missing transverse energy in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1203.0742 [hep-ex] , 10.1103/PhysRevLett.108.211804 , Phys. Rev. Lett. **108**, 211804 (2012)
460. **“Search for new particles decaying to ZZ using final states with leptons and jets with the ATLAS detector in $\sqrt{s} = 7$ TeV proton-proton collisions”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1203.0718 [hep-ex] , 10.1016/j.physletb.2012.05.020 , Phys. Lett. B **712**, 331 (2012)
461. **“Search for FCNC single top-quark production at $\sqrt{s} = 7$ TeV with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1203.0529 [hep-ex] , 10.1016/j.physletb.2012.05.022 , Phys. Lett. B **712**, 351 (2012)
462. **“Measurement of the azimuthal ordering of charged hadrons with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1203.0419 [hep-ex] , 10.1103/PhysRevD.86.052005 , Phys. Rev. D **86**, 052005 (2012)
463. **“Precise measurement of the W -boson mass with the CDF II detector”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1203.0275 [hep-ex] , 10.1103/PhysRevLett.108.151803 , Phys. Rev. Lett. **108**, 151803 (2012)
464. **“Measurement of the WZ Cross Section and Triple Gauge Couplings in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1202.6629 [hep-ex] , 10.1103/PhysRevD.86.031104 , Phys. Rev. D **86**, 031104 (2012)
465. **“Search for down-type fourth generation quarks with the ATLAS detector in events with one lepton and hadronically decaying W bosons”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1202.6540 [hep-ex] , 10.1103/PhysRevLett.109.032001 , Phys. Rev. Lett. **109**, 032001 (2012)

466. **“Search for a dark matter candidate produced in association with a single top quark in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”**, T. Aaltonen *et al.* [CDF Collaboration], arXiv:1202.5653 [hep-ex], 10.1103/PhysRevLett.108.201802, Phys. Rev. Lett. **108**, 201802 (2012)
467. **“Search for same-sign top-quark production and fourth-generation down-type quarks in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector”**, G. Aad *et al.* [ATLAS Collaboration], arXiv:1202.5520 [hep-ex], 10.1007/JHEP04(2012)069, JHEP **1204**, 069 (2012)
468. **“Combination of CDF and D0 measurements of the W boson helicity in top quark decays”**, T. Aaltonen *et al.* [CDF and D0 Collaborations], arXiv:1202.5272 [hep-ex], 10.1103/PhysRevD.85.071106, Phys. Rev. D **85**, 071106 (2012)
469. **“Measurement of the cross section for top-quark pair production in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector using final states with two high-pt leptons”**, G. Aad *et al.* [ATLAS Collaboration], arXiv:1202.4892 [hep-ex], 10.1007/JHEP05(2012)059, JHEP **1205**, 059 (2012)
470. **“Search for anomaly-mediated supersymmetry breaking with the ATLAS detector based on a disappearing-track signature in pp collisions at $\sqrt{s} = 7$ TeV”**, G. Aad *et al.* [ATLAS Collaboration], arXiv:1202.4847 [hep-ex], 10.1140/epjc/s10052-012-1993-2, Eur. Phys. J. C **72**, 1993 (2012)
471. **“Search for pair-produced heavy quarks decaying to Wq in the two-lepton channel at $\sqrt{s} = 7$ TeV with the ATLAS detector”**, G. Aad *et al.* [ATLAS Collaboration], arXiv:1202.3389 [hep-ex], 10.1103/PhysRevD.86.012007, Phys. Rev. D **86**, 012007 (2012)
472. **“Search for pair production of a heavy up-type quark decaying to a W boson and a b quark in the lepton+jets channel with the ATLAS detector”**, G. Aad *et al.* [ATLAS Collaboration], arXiv:1202.3076 [hep-ex], 10.1103/PhysRevLett.108.261802, Phys. Rev. Lett. **108**, 261802 (2012)
473. **“TeV Gamma-ray Observations of Markarian 421 using TACTIC during 2009-10”**, P. Chandra *et al.*, arXiv:1202.2984 [astro-ph.HE], 10.1088/0954-3899/39/4/045201, J. Phys. G **39**, 045201 (2012)
474. **“Search for the Standard Model Higgs boson in the decay channel $H \rightarrow ZZ^{(*)} \rightarrow 4\ell$ with 4.8 fb^{-1} of pp collision data at $\sqrt{s} = 7$ TeV with ATLAS”**, G. Aad *et al.* [ATLAS Collaboration], arXiv:1202.1415 [hep-ex], 10.1016/j.physletb.2012.03.005, Phys. Lett. B **710**, 383 (2012)
475. **“Search for the Standard Model Higgs boson in the diphoton decay channel with 4.9 fb^{-1} of pp collisions at $\sqrt{s} = 7$ TeV with ATLAS”**, G. Aad *et al.* [ATLAS Collaboration], arXiv:1202.1414 [hep-ex], 10.1103/PhysRevLett.108.111803, Phys. Rev. Lett. **108**, 111803 (2012)
476. **“Combined search for the Standard Model Higgs boson using up to 4.9 fb^{-1} of pp collision data at $\sqrt{s} = 7$ TeV with the ATLAS detector at the LHC”**, G. Aad *et al.* [ATLAS Collaboration], arXiv:1202.1408 [hep-ex], 10.1016/j.physletb.2012.02.044, Phys. Lett. B **710**, 49 (2012)
477. **“Search for anomalous production of multiple leptons in association with W and Z bosons at CDF”**, T. Aaltonen *et al.* [CDF Collaboration], arXiv:1202.1260 [hep-ex], 10.1103/PhysRevD.85.092001, Phys. Rev. D **85**, 092001 (2012)
478. **“Search for decays of stopped, long-lived particles from 7 TeV pp collisions with the ATLAS detector”**, G. Aad *et al.* [ATLAS Collaboration], arXiv:1201.5595 [hep-ex], 10.1140/epjc/s10052-012-1965-6, Eur. Phys. J. C **72**, 1965 (2012)
479. **“Search for a low mass Standard Model Higgs boson in the $\tau - \tau$ decay channel in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”**, T. Aaltonen *et al.* [CDF Collaboration], arXiv:1201.4880 [hep-ex], 10.1103/PhysRevLett.108.181804, Phys. Rev. Lett. **108**, 181804 (2012)
480. **“Search for excited leptons in proton-proton collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector”**, G. Aad *et al.* [ATLAS Collaboration], arXiv:1201.3293 [hep-ex], 10.1103/PhysRevD.85.072003, Phys. Rev. D **85**, 072003 (2012)

481. **“Rapidity gap cross sections measured with the ATLAS detector in pp collisions at $\sqrt{s} = 7$ TeV”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1201.2808 [hep-ex] , 10.1140/epjc/s10052-012-1926-0 , Eur. Phys. J. C **72**, 1926 (2012)
482. **“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] , 10.1016/j.physletb.2012.03.083 , Phys. Lett. B **711**, 244 (2012)
483. **“Study of jets produced in association with a W boson in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1201.1276 [hep-ex] , 10.1103/PhysRevD.85.092002 , Phys. Rev. D **85**, 092002 (2012)
484. **“Search for anomalous production of prompt like-sign muon pairs and constraints on physics beyond the Standard Model with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1201.1091 [hep-ex] , 10.1103/PhysRevD.85.032004 , Phys. Rev. D **85**, 032004 (2012)
485. **“Jet energy measurement with the ATLAS detector in proton-proton collisions at $\sqrt{s} = 7$ TeV”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1112.6426 [hep-ex] , 10.1140/epjc/s10052-013-2304-2 , Eur. Phys. J. C **73**, no. 3, 2304 (2013)
486. **“Measurement of inclusive jet and dijet production in pp collisions at $\sqrt{s} = 7$ TeV using the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1112.6297 [hep-ex] , 10.1103/PhysRevD.86.014022 , Phys. Rev. D **86**, 014022 (2012)
487. **“Search for heavy vector-like quarks coupling to light quarks in proton-proton collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1112.5755 [hep-ex] , 10.1016/j.physletb.2012.03.082 , Phys. Lett. B **712**, 22 (2012)
488. **“Observation of a new χ_b state in radiative transitions to $\Upsilon(1S)$ and $\Upsilon(2S)$ at ATLAS”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1112.5154 [hep-ex] , 10.1103/PhysRevLett.108.152001 , Phys. Rev. Lett. **108**, 152001 (2012)
489. **“Measurement of the Top Quark Mass in the All-Hadronic Mode at CDF”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1112.4891 [hep-ex] , 10.1016/j.physletb.2012.06.007 , Phys. Lett. B **714**, 24 (2012)
490. **“Search for first generation scalar leptoquarks in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1112.4828 [hep-ex] , 10.1016/j.physletb.2012.03.023, 10.1016/j.physletb.2012.02.004 , Phys. Lett. B **709**, 158 (2012), Erratum: [Phys. Lett. B **711**, 442 (2012)]
491. **“Search for Standard Model Higgs Boson Production in Association with a W Boson Using a Matrix Element Technique at CDF in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1112.4358 [hep-ex] , 10.1103/PhysRevD.85.072001 , Phys. Rev. D **85**, 072001 (2012)
492. **“Measurement of $D^{*+/-}$ meson production in jets from pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1112.4432 [hep-ex] , 10.1103/PhysRevD.85.052005 , Phys. Rev. D **85**, 052005 (2012)
493. **“Search for contact interactions in dilepton events from pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1112.4462 [hep-ex] , 10.1016/j.physletb.2012.04.026 , Phys. Lett. B **712**, 40 (2012)
494. **“Search for scalar bottom quark pair production with the ATLAS detector in pp Collisions at $\sqrt{s} = 7$ TeV”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1112.3832 [hep-ex] , 10.1103/PhysRevLett.108.181802 , Phys. Rev. Lett. **108**, 181802 (2012)
495. **“Search for production of resonant states in the photon-jet mass distribution using pp collisions at $\sqrt{s} = 7$ TeV collected by the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1112.3580 [hep-ex] , 10.1103/PhysRevLett.108.211802 , Phys. Rev. Lett. **108**, 211802 (2012)

496. **“Measurement of the branching fraction $\mathcal{B}(\Lambda_b^0 \rightarrow \Lambda_c^+ \pi^- \pi^+ \pi^-)$ at CDF”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1112.3334 [hep-ex] , 10.1103/PhysRevD.85.032003 , Phys. Rev. D **85**, 032003 (2012)
497. **“Measurement of the masses and widths of the bottom baryons Σ_b^{+-} and Σ_b^{*+-} ”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1112.2808 [hep-ex] , 10.1103/PhysRevD.85.092011 , Phys. Rev. D **85**, 092011 (2012)
498. **“Measurement of ZZ production in leptonic final states at $\sqrt{s}$ of 1.96 TeV at CDF”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1112.2978 [hep-ex] , 10.1103/PhysRevLett.108.101801 , Phys. Rev. Lett. **108**, 101801 (2012)
499. **“Search for the Higgs boson in the $H \rightarrow WW(*) \rightarrow \ell_\nu \ell_\nu$ decay channel in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1112.2577 [hep-ex] , 10.1103/PhysRevLett.108.111802 , Phys. Rev. Lett. **108**, 111802 (2012)
500. **“Search for extra dimensions using diphoton events in 7 TeV proton-proton collisions with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1112.2194 [hep-ex] , 10.1016/j.physletb.2012.03.022 , Phys. Lett. B **710**, 538 (2012)
501. **“Search for Standard Model Higgs Boson Production in Association with a W Boson at CDF”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1112.1930 [hep-ex] , 10.1103/PhysRevD.85.052002 , Phys. Rev. D **85**, 052002 (2012)
502. **“Measurement of the CP-Violating Phase $\beta_s^{J/\psi\phi}$ in $B_s^0 \rightarrow J/\psi\phi$ Decays with the CDF II Detector”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1112.1726 [hep-ex] , 10.1103/PhysRevD.85.072002 , Phys. Rev. D **85**, 072002 (2012)
503. **“Measurements of Angular Distributions of Muons From Υ Meson Decays in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1112.1591 [hep-ex] , 10.1103/PhysRevLett.108.151802 , Phys. Rev. Lett. **108**, 151802 (2012)
504. **“Search for new phenomena in events with two Z bosons and missing transverse momentum in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1112.1577 [hep-ex] , 10.1103/PhysRevD.85.011104 , Phys. Rev. D **85**, 011104 (2012)
505. **“Observation of Exclusive Gamma Gamma Production in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1112.0858 [hep-ex] , 10.1103/PhysRevLett.108.081801 , Phys. Rev. Lett. **108**, 081801 (2012)
506. **“Measurement of the $W^\pm Z$ production cross section and limits on anomalous triple gauge couplings in proton-proton collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1111.5570 [hep-ex] , 10.1016/j.physletb.2012.02.053 , Phys. Lett. B **709**, 341 (2012)
507. **“Measurement of CP-violating asymmetries in $D^0 \rightarrow \pi^+ \pi^-$ and $D^0 \rightarrow K^+ K^-$ decays at CDF”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1111.5023 [hep-ex] , 10.1103/PhysRevD.85.012009 , Phys. Rev. D **85**, 012009 (2012)
508. **“Search for diphoton events with large missing transverse momentum in fb^{-1} of 7 TeV proton-proton collision data with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1111.4116 [hep-ex] , 10.1016/j.physletb.2012.02.054 , Phys. Lett. B **710**, 519 (2012)
509. **“Search for high-mass resonances decaying into ZZ in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1111.3432 [hep-ex] , 10.1103/PhysRevD.85.012008 , Phys. Rev. D **85**, 012008 (2012)
510. **“Measurement of the production cross section for Z/gamma^* in association with jets in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1111.2690 [hep-ex] , 10.1103/PhysRevD.85.032009 , Phys. Rev. D **85**, 032009 (2012)

511. **“Kshort and Λ production in pp interactions at $\sqrt{s} = 0.9$ and 7 TeV measured with the ATLAS detector at the LHC”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1111.1297 [hep-ex] , 10.1103/PhysRevD.85.012001 , Phys. Rev. D **85**, 012001 (2012)
512. **“Evidence for the charmless annihilation decay mode $B_s^0 \rightarrow \pi^+ \pi^-$ ”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1111.0485 [hep-ex] , 10.1103/PhysRevLett.108.211803 , Phys. Rev. Lett. **108**, 211803 (2012)
513. **“Search for strong gravity signatures in same-sign dimuon final states using the ATLAS detector at the LHC”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1111.0080 [hep-ex] , 10.1016/j.physletb.2012.02.049 , Phys. Lett. B **709**, 322 (2012)
514. **“A study of the material in the ATLAS inner detector using secondary hadronic interactions”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1110.6191 [hep-ex] , 10.1088/1748-0221/7/01/P01013 , JINST **7**, P01013 (2012)
515. **“Searches for supersymmetry with the ATLAS detector using final states with two leptons and missing transverse momentum in $\sqrt{s} = 7$ TeV proton-proton collisions”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1110.6189 [hep-ex] , 10.1016/j.physletb.2012.01.076 , Phys. Lett. B **709**, 137 (2012)
516. **“Measurement of the ZZ production cross section and limits on anomalous neutral triple gauge couplings in proton-proton collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1110.5016 [hep-ex] , 10.1103/PhysRevLett.108.041804 , Phys. Rev. Lett. **108**, 041804 (2012)
517. **“Electron performance measurements with the ATLAS detector using the 2010 LHC proton-proton collision data”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1110.3174 [hep-ex] , 10.1140/epjc/s10052-012-1909-1 , Eur. Phys. J. C **72**, 1909 (2012)
518. **“Search for Massive Colored Scalars in Four-Jet Final States in $\sqrt{s} = 7$ TeV proton-proton collisions with the ATLAS Detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1110.2693 [hep-ex] , 10.1140/epjc/s10052-011-1828-6 , Eur. Phys. J. C **71**, 1828 (2011)
519. **“Search for new phenomena in final states with large jet multiplicities and missing transverse momentum using $\sqrt{s} = 7$ TeV pp collisions with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1110.2299 [hep-ex] , 10.1007/JHEP11(2011)099 , JHEP **1111**, 099 (2011)
520. **“Performance of the ATLAS Trigger System in 2010”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1110.1530 [hep-ex] , 10.1140/epjc/s10052-011-1849-1 , Eur. Phys. J. C **72**, 1849 (2012)
521. **“Measurement of the inclusive and dijet cross-sections of b^- jets in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1109.6833 [hep-ex] , 10.1140/epjc/s10052-011-1846-4 , Eur. Phys. J. C **71**, 1846 (2011)
522. **“Search for supersymmetry in final states with jets, missing transverse momentum and one isolated lepton in $\sqrt{s} = 7$ TeV pp collisions using 1 fb^{-1} of ATLAS data”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1109.6606 [hep-ex] , 10.1103/PhysRevD.85.012006, 10.1103/PhysRevD.87.099903 , Phys. Rev. D **85**, no. 1, 012006 (2012), Erratum: [Phys. Rev. D **87**, 099903 (2013)]
523. **“Search for squarks and gluinos using final states with jets and missing transverse momentum with the ATLAS detector in $\sqrt{s} = 7$ TeV proton-proton collisions”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1109.6572 [hep-ex] , 10.1016/j.physletb.2012.02.051 , Phys. Lett. B **710**, 67 (2012)
524. **“Search for the Standard Model Higgs boson in the decay channel $H \rightarrow ZZ^{(0)} \rightarrow 4\ell$ with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1109.5945 [hep-ex] , 10.1016/j.physletb.2011.10.034 , Phys. Lett. B **705**, 435 (2011)

525. **“Measurement of the jet fragmentation function and transverse profile in proton-proton collisions at a center-of-mass energy of 7 TeV with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1109.5816 [hep-ex] , 10.1140/epjc/s10052-011-1795-y , Eur. Phys. J. C **71**, 1795 (2011)
526. **“Measurement of the inclusive $W^\pm$ and Z/gamma cross sections in the electron and muon decay channels in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1109.5141 [hep-ex] , 10.1103/PhysRevD.85.072004 , Phys. Rev. D **85**, 072004 (2012)
527. **“Search for New Phenomena in $t\bar{t}$ Events With Large Missing Transverse Momentum in Proton-Proton Collisions at $\sqrt{s} = 7$ TeV with the ATLAS Detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1109.4725 [hep-ex] , 10.1103/PhysRevLett.108.041805 , Phys. Rev. Lett. **108**, 041805 (2012)
528. **“Search for a Higgs Boson in the Diphoton Final State in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1109.4427 [hep-ex] , 10.1103/PhysRevLett.108.011801 , Phys. Rev. Lett. **108**, 011801 (2012)
529. **“Search for the Higgs boson in the $H \rightarrow WW \rightarrow \ell\nu jj$ decay channel in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1109.3615 [hep-ex] , 10.1103/PhysRevLett.107.231801 , Phys. Rev. Lett. **107**, 231801 (2011)
530. **“Search for a Standard Model Higgs boson in the $H \rightarrow ZZ \rightarrow l^+l^-\nu\bar{\nu}$ decay channel with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1109.3357 [hep-ex] , 10.1103/PhysRevLett.107.221802 , Phys. Rev. Lett. **107**, 221802 (2011)
531. **“Search for a heavy neutral particle decaying into an electron and a muon using 1 fb^{-1} of ATLAS data”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1109.3089 [hep-ex] , 10.1140/epjc/s10052-011-1809-9 , Eur. Phys. J. C **71**, 1809 (2011)
532. **“Search for heavy metastable particles decaying to jet pairs in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1109.3136 [hep-ex] , 10.1103/PhysRevD.85.012007 , Phys. Rev. D **85**, 012007 (2012)
533. **“Search for displaced vertices arising from decays of new heavy particles in 7 TeV pp collisions at ATLAS”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1109.2242 [hep-ex] , 10.1016/j.physletb.2011.12.057 , Phys. Lett. B **707**, 478 (2012)
534. **“Measurement of the cross-section for b -jets produced in association with a Z boson at $\sqrt{s} = 7$ TeV with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1109.1403 [hep-ex] , 10.1016/j.physletb.2011.11.059 , Phys. Lett. B **706**, 295 (2012)
535. **“Measurement of the cross section for the production of a W boson in association with b^- jets in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1109.1470 [hep-ex] , 10.1016/j.physletb.2011.12.046 , Phys. Lett. B **707**, 418 (2012)
536. **“Top-quark mass measurement using events with missing transverse energy and jets at CDF”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1109.1490 [hep-ex] , 10.1103/PhysRevLett.107.232002 , Phys. Rev. Lett. **107**, 232002 (2011)
537. **“Measurements of the electron and muon inclusive cross-sections in proton-proton collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1109.0525 [hep-ex] , 10.1016/j.physletb.2011.12.054 , Phys. Lett. B **707**, 438 (2012)
538. **“Search for New Physics in the Dijet Mass Distribution using 1 fb^{-1} of pp Collision Data at $\sqrt{s} = 7$ TeV collected by the ATLAS Detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1108.6311 [hep-ex] , 10.1016/j.physletb.2012.01.035 , Phys. Lett. B **708**, 37 (2012)
539. **“Measurement of the Transverse Momentum Distribution of W Bosons in pp Collisions at $\sqrt{s} = 7$ TeV with the ATLAS Detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1108.6308 [hep-ex] , 10.1103/PhysRevD.85.012005 , Phys. Rev. D **85**, 012005 (2012)

540. **“Measurement of the centrality dependence of the charged particle pseudorapidity distribution in lead-lead collisions at $\sqrt{s_{NN}} = 2.76$ TeV with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1108.6027 [hep-ex] , 10.1016/j.physletb.2012.02.045 , Phys. Lett. B **710**, 363 (2012)
541. **“Measurement of the pseudorapidity and transverse momentum dependence of the elliptic flow of charged particles in lead-lead collisions at $\sqrt{s_{NN}} = 2.76$ TeV with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1108.6018 [hep-ex] , 10.1016/j.physletb.2011.12.056 , Phys. Lett. B **707**, 330 (2012)
542. **“Search for the Standard Model Higgs boson in the two photon decay channel with the ATLAS detector at the LHC”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1108.5895 [hep-ex] , 10.1016/j.physletb.2011.10.051 , Phys. Lett. B **705**, 452 (2011)
543. **“Measurements of branching fraction ratios and CP-asymmetries in suppressed $B^- \rightarrow D(\rightarrow K^+\pi^-)K^-$ and $B^- \rightarrow D(\rightarrow K^+\pi^-)\pi^-$ decays”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1108.5765 [hep-ex] , 10.1103/PhysRevD.84.091504 , Phys. Rev. D **84**, 091504 (2011)
544. **“Performance of Missing Transverse Momentum Reconstruction in Proton-Proton Collisions at 7 TeV with ATLAS”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1108.5602 [hep-ex] , 10.1140/epjc/s10052-011-1844-6 , Eur. Phys. J. C **72**, 1844 (2012)
545. **“Search for a heavy Standard Model Higgs boson in the channel $H \rightarrow ZZ \rightarrow \ell^+\ell q\bar{q}$ using the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1108.5064 [hep-ex] , 10.1016/j.physletb.2011.11.056 , Phys. Lett. B **707**, 27 (2012)
546. **“A measurement of the ratio of the W and Z cross sections with exactly one associated jet in pp collisions at $\sqrt{s} = 7$ TeV with ATLAS”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1108.4908 [hep-ex] , 10.1016/j.physletb.2012.01.042 , Phys. Lett. B **708**, 221 (2012)
547. **“Search for resonant production of $t\bar{t}$ decaying to jets in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1108.4755 [hep-ex] , 10.1103/PhysRevD.84.072003 , Phys. Rev. D **84**, 072003 (2011)
548. **“Measurement of the $W \rightarrow \tau\nu_\tau$ cross section in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS experiment”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1108.4101 [hep-ex] , 10.1016/j.physletb.2011.11.057 , Phys. Lett. B **706**, 276 (2012)
549. **“Measurement of the top quark pair production cross section in pp collisions at $\sqrt{s} = 7$ TeV in dilepton final states with ATLAS”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1108.3699 [hep-ex] , 10.1016/j.physletb.2011.12.055 , Phys. Lett. B **707**, 459 (2012)
550. **“Search for $WZ + ZZ$ production with MET + jets with b enhancement at $\sqrt{s} = 1.96$ TeV”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1108.2060 [hep-ex] , 10.1103/PhysRevD.85.012002 , Phys. Rev. D **85**, 012002 (2012)
551. **“Measurement of the Z to tau tau Cross Section with the ATLAS Detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1108.2016 [hep-ex] , 10.1103/PhysRevD.84.112006 , Phys. Rev. D **84**, 112006 (2011)
552. **“Measurement of the top-quark mass in the lepton+jets channel using a matrix element technique with the CDF II detector”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1108.1601 [hep-ex] , 10.1103/PhysRevD.84.071105 , Phys. Rev. D **84**, 071105 (2011)
553. **“Search for dilepton resonances in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1108.1582 [hep-ex] , 10.1103/PhysRevLett.107.272002 , Phys. Rev. Lett. **107**, 272002 (2011)
554. **“Search for a heavy gauge boson decaying to a charged lepton and a neutrino in 1 fb^{-1} of pp collisions at $\sqrt{s} = 7$ TeV using the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1108.1316 [hep-ex] , 10.1016/j.physletb.2011.09.093 , Phys. Lett. B **705**, 28 (2011)

555. **“Measurements of the Angular Distributions in the Decays $B \rightarrow K^{(*)}\mu^+\mu^-$ at CDF”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1108.0695 [hep-ex] , 10.1103/PhysRevLett.108.081807 , Phys. Rev. Lett. **108**, 081807 (2012)
556. **“Inclusive search for same-sign dilepton signatures in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1108.0366 [hep-ex] , 10.1007/JHEP10(2011)107 , JHEP **1110**, 107 (2011)
557. **“Measurement of the inclusive isolated prompt photon cross-section in pp collisions at $\sqrt{s} = 7$ TeV using 35 pb $^{-1}$ of ATLAS data”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1108.0253 [hep-ex] , 10.1016/j.physletb.2011.11.010 , Phys. Lett. B **706**, 150 (2011)
558. **“Search for new physics in high p_T like-sign dilepton events at CDF II”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1108.0101 [hep-ex] , 10.1103/PhysRevLett.107.181801 , Phys. Rev. Lett. **107**, 181801 (2011)
559. **“A Search for resonant production of $t\bar{t}$ pairs in 4.8 fb $^{-1}$ of integrated luminosity of $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1107.5063 [hep-ex] , 10.1103/PhysRevD.84.072004 , Phys. Rev. D **84**, 072004 (2011)
560. **“Search for neutral MSSM Higgs bosons decaying to $\tau^+\tau^-$ pairs in proton-proton collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1107.5003 [hep-ex] , 10.1016/j.physletb.2011.10.001 , Phys. Lett. B **705**, 174 (2011)
561. **“Measurement of Polarization and Search for CP-Violation in $B_s^0 \rightarrow \phi\phi$ Decays”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1107.4999 [hep-ex] , 10.1103/PhysRevLett.107.261802 , Phys. Rev. Lett. **107**, 261802 (2011)
562. **“Search for a Heavy Top-Like Quark in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1107.3875 [hep-ex] , 10.1103/PhysRevLett.107.261801 , Phys. Rev. Lett. **107**, 261801 (2011)
563. **“Observation of the Ξ_b^0 Baryon”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1107.4015 [hep-ex] , 10.1103/PhysRevLett.107.102001 , Phys. Rev. Lett. **107**, 102001 (2011)
564. **“Search for New T' Particles in Final States with Large Jet Multiplicities and Missing Transverse Energy in pp bar Collisions at $\sqrt{s} = 1.96$ TeV”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1107.3574 [hep-ex] , 10.1103/PhysRevLett.107.191803 , Phys. Rev. Lett. **107**, 191803 (2011)
565. **“Observation of the Baryonic Flavor-Changing Neutral Current Decay $\Lambda_b \rightarrow \Lambda\mu^+\mu^-$ ”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1107.3753 [hep-ex] , 10.1103/PhysRevLett.107.201802 , Phys. Rev. Lett. **107**, 201802 (2011)
566. **“Properties of jets measured from tracks in proton-proton collisions at center-of-mass energy $\sqrt{s} = 7$ TeV with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1107.3311 [hep-ex] , 10.1103/PhysRevD.84.054001 , Phys. Rev. D **84**, 054001 (2011)
567. **“Measurement of the transverse momentum distribution of Z/γ bosons in proton-proton collisions at $\sqrt{s}=7$ TeV with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1107.2381 [hep-ex] , 10.1016/j.physletb.2011.10.018 , Phys. Lett. B **705**, 415 (2011)
568. **“Search for $B_s^0 \rightarrow \mu^+\mu^-$ and $B^0 \rightarrow \mu^+\mu^-$ Decays with CDF II”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1107.2304 [hep-ex] , 10.1103/PhysRevLett.107.191801, 10.1103/PhysRevLett.107.239903 , Phys. Rev. Lett. **107**, 191801 (2011), [Publisher-note **107**, 239903 (2011)]
569. **“Measurement of multi-jet cross sections in proton-proton collisions at a 7 TeV center-of-mass energy”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1107.2092 [hep-ex] , 10.1140/epjc/s10052-011-1763-6 , Eur. Phys. J. C **71**, 1763 (2011)
570. **“Measurement of dijet production with a veto on additional central jet activity in pp collisions at $\sqrt{s} = 7$ TeV using the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1107.1641 [hep-ex] , 10.1007/JHEP09(2011)053 , JHEP **1109**, 053 (2011)

571. **“Search for Diphoton Events with Large Missing Transverse Energy with 36 pb⁻¹ of 7 TeV Proton-Proton Collision Data with the ATLAS Detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1107.0561 [hep-ex] , 10.1140/epjc/s10052-011-1744-9 , Eur. Phys. J. C **71**, 1744 (2011)
572. **“Measurement of the isolated di-photon cross-section in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1107.0581 [hep-ex] , 10.1103/PhysRevD.85.012003 , Phys. Rev. D **85**, 012003 (2012)
573. **“Study of Substructure of High Transverse Momentum Jets Produced in Proton-Antiproton Collisions at $\sqrt{s} = 1.96$ TeV”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1106.5952 [hep-ex] , 10.1103/PhysRevD.85.091101 , Phys. Rev. D **85**, 091101 (2012)
574. **“Measurement of the Cross Section for Prompt Isolated Diphoton Production in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1106.5123 [hep-ex] , 10.1103/PhysRevLett.107.102003 , Phys. Rev. Lett. **107**, 102003 (2011)
575. **“Measurement of the Cross Section for Prompt Isolated Diphoton Production in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1106.5131 [hep-ex] , 10.1103/PhysRevD.84.052006 , Phys. Rev. D **84**, 052006 (2011)
576. **“Measurement of the $\Upsilon(1S)$ production cross-section in pp collisions at $\sqrt{s} = 7$ TeV in ATLAS”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1106.5325 [hep-ex] , 10.1016/j.physletb.2011.09.092 , Phys. Lett. B **705**, 9 (2011)
577. **“Search for new phenomena with the monojet and missing transverse momentum signature using the ATLAS detector in $\sqrt{s} = 7$ TeV proton-proton collisions”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1106.5327 [hep-ex] , 10.1016/j.physletb.2011.10.006 , Phys. Lett. B **705**, 294 (2011)
578. **“Search for Higgs Bosons Produced in Association with b -quarks”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1106.4782 [hep-ex] , 10.1103/PhysRevD.85.032005 , Phys. Rev. D **85**, 032005 (2012)
579. **“Search for heavy long-lived charged particles with the ATLAS detector in pp collisions at $\sqrt{s} = 7$ TeV”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1106.4495 [hep-ex] , 10.1016/j.physletb.2011.08.042 , Phys. Lett. B **703**, 428 (2011)
580. **“Evidence for $t\bar{t}\gamma$ Production and Measurement of $\sigma_t\bar{t}\gamma/\sigma_t\bar{t}$ ”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1106.3970 [hep-ex] , 10.1103/PhysRevD.84.031104 , Phys. Rev. D **84**, 031104 (2011)
581. **“Measurement of branching ratio and B_s^0 lifetime in the decay $B_s^0 \rightarrow J/\psi f_0(980)$ at CDF”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1106.3682 [hep-ex] , 10.1103/PhysRevD.84.052012 , Phys. Rev. D **84**, 052012 (2011)
582. **“Limits on the production of the Standard Model Higgs Boson in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1106.2748 [hep-ex] , 10.1140/epjc/s10052-011-1728-9 , Eur. Phys. J. C **71**, 1728 (2011)
583. **“Measurement of W gamma and Z gamma production in proton-proton collisions at $\sqrt{s} = 7$ TeV with the ATLAS Detector”** , G. Aad *et al.* [ATLAS Collaboration] , arXiv:1106.1592 [hep-ex] , 10.1007/JHEP09(2011)072 , JHEP **1109**, 072 (2011)
584. **“Measurements of the properties of $\Lambda_c(2595)$, $\Lambda_c(2625)$, $\Sigma_c(2455)$, and $\Sigma_c(2520)$ baryons”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1105.5995 [hep-ex] , 10.1103/PhysRevD.84.012003 , Phys. Rev. D **84**, 012003 (2011)
585. **“First Search for Multijet Resonances in $\sqrt{s} = 1.96$ TeV $p\bar{p}$ Collisions”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1105.2815 [hep-ex] , 10.1103/PhysRevLett.107.042001 , Phys. Rev. Lett. **107**, 042001 (2011)

586. **“Measurement of the $t\bar{t}$ production cross section in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV using events with large Missing E_T and jets”**, T. Aaltonen *et al.* [CDF Collaboration], arXiv:1105.1806 [hep-ex], 10.1103/PhysRevD.84.032003, Phys. Rev. D **84**, 032003 (2011)
587. **“Top quark mass measurement using the template method at CDF”**, T. Aaltonen *et al.* [CDF Collaboration], arXiv:1105.0192 [hep-ex], 10.1103/PhysRevD.83.111101, Phys. Rev. D **83**, 111101 (2011)
588. **“Search for a Very Light CP-Odd Higgs Boson in Top Quark Decays from $p\bar{p}$ Collisions at 1.96 TeV”**, T. Aaltonen *et al.* [CDF Collaboration], arXiv:1104.5701 [hep-ex], 10.1103/PhysRevLett.107.031801, Phys. Rev. Lett. **107**, 031801 (2011)
589. **“Measurement of the WW cross section in $\sqrt{s} = 7$ TeV pp collisions with ATLAS”**, G. Aad *et al.* [ATLAS Collaboration], arXiv:1104.5225 [hep-ex], 10.1103/PhysRevLett.107.041802, Phys. Rev. Lett. **107**, 041802 (2011)
590. **“Search for Contact Interactions in Dimuon Events from pp Collisions at $\sqrt{s} = 7$ TeV with the ATLAS Detector”**, G. Aad *et al.* [ATLAS Collaboration], arXiv:1104.4398 [hep-ex], 10.1103/PhysRevD.84.011101, Phys. Rev. D **84**, 011101 (2011)
591. **“Search for pair production of first or second generation leptoquarks in proton-proton collisions at $\sqrt{s} = 7$ TeV using the ATLAS detector at the LHC”**, G. Aad *et al.* [ATLAS Collaboration], arXiv:1104.4481 [hep-ex], 10.1103/PhysRevD.83.112006, Phys. Rev. D **83**, 112006 (2011)
592. **“Search for the Rare Radiative Decay: $W \rightarrow \pi\gamma$ in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV”**, T. Aaltonen *et al.* [CDF Collaboration], arXiv:1104.1585 [hep-ex], 10.1103/PhysRevD.85.032001, Phys. Rev. D **85**, 032001 (2012)
593. **“Invariant Mass Distribution of Jet Pairs Produced in Association with a W boson in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV”**, T. Aaltonen *et al.* [CDF Collaboration], arXiv:1104.0699 [hep-ex], 10.1103/PhysRevLett.106.171801, Phys. Rev. Lett. **106**, 171801 (2011)
594. **“Measurement of the Inelastic Proton-Proton Cross-Section at $\sqrt{s} = 7$ TeV with the ATLAS Detector”**, G. Aad *et al.* [ATLAS Collaboration], arXiv:1104.0326 [hep-ex], 10.1038/ncomms1472, Nature Commun. **2**, 463 (2011)
595. **“Search for high mass dilepton resonances in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS experiment”**, G. Aad *et al.* [ATLAS Collaboration], arXiv:1103.6218 [hep-ex], 10.1016/j.physletb.2011.04.044, Phys. Lett. B **700**, 163 (2011)
596. **“Measurements of Direct CP Violating Asymmetries in Charmless Decays of Strange Bottom Mesons and Bottom Baryons”**, T. Aaltonen *et al.* [CDF Collaboration], arXiv:1103.5762 [hep-ex], 10.1103/PhysRevLett.106.181802, Phys. Rev. Lett. **106**, 181802 (2011)
597. **“First Measurement of the Angular Coefficients of Drell-Yan e^+e^- pairs in the Z Mass Region from $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV”**, T. Aaltonen *et al.* [CDF Collaboration], arXiv:1103.5699 [hep-ex], 10.1103/PhysRevLett.106.241801, Phys. Rev. Lett. **106**, 241801 (2011)
598. **“Measurement of Event Shapes in Proton-Antiproton Collisions at Center-of-Mass Energy 1.96 TeV”**, T. Aaltonen *et al.* [CDF Collaboration], arXiv:1103.5143 [hep-ex], 10.1103/PhysRevD.83.112007, Phys. Rev. D **83**, 112007 (2011)
599. **“Search for New Dielectron Resonances and Randall-Sundrum Gravitons at the Collider Detector at Fermilab”**, T. Aaltonen *et al.* [CDF Collaboration], arXiv:1103.4650 [hep-ex], 10.1103/PhysRevLett.107.051801, Phys. Rev. Lett. **107**, 051801 (2011)
600. **“Measurement of the Top Pair Production Cross Section in the Lepton + Jets Channel Using a Jet Flavor Discriminant”**, T. Aaltonen *et al.* [CDF Collaboration], arXiv:1103.4821 [hep-ex], 10.1103/PhysRevD.84.031101, Phys. Rev. D **84**, 031101 (2011)
601. **“Combined CDF and D0 Upper Limits on Standard Model Higgs Boson Production with up to 8.2 fb^{-1} of Data”**, T. Aaltonen *et al.* [CDF and D0 Collaborations], arXiv:1103.3233 [hep-ex]

602. **“Measurement of the mass difference between t and $\bar{t}$ quarks”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1103.2782 [hep-ex] , 10.1103/PhysRevLett.106.152001 , Phys. Rev. Lett. **106**, 152001 (2011)
603. **“Limits on Anomalous Trilinear Gauge Couplings in $Z\gamma$ Events from $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1103.2990 [hep-ex] , 10.1103/PhysRevLett.107.051802 , Phys. Rev. Lett. **107**, 051802 (2011)
604. **“Search for Production of Heavy Particles Decaying to Top Quarks and Invisible Particles in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1103.2482 [hep-ex] , 10.1103/PhysRevLett.106.191801 , Phys. Rev. Lett. **106**, 191801 (2011)
605. **“Measurement of the B_s Lifetime in Fully and Partially Reconstructed $B_s \rightarrow D_s^-(\phi\pi^-)X$ Decays in $\bar{p} - p$ Collisions at $\sqrt{s} = 1.96$ TeV”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1103.1864 [hep-ex] , 10.1103/PhysRevLett.107.272001 , Phys. Rev. Lett. **107**, 272001 (2011)
606. **“Search for New Heavy Particles Decaying to $ZZ \rightarrow \ell\ell\ell, \ell\ell jj$ in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1102.4566 [hep-ex] , 10.1103/PhysRevD.83.112008 , Phys. Rev. D **83**, 112008 (2011)
607. **“Observation of $B_s^0 \rightarrow J/\psi K^{*0}(892)$ and $B_s^0 \rightarrow J/\psi K_S^0$ Decays”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1102.1961 [hep-ex] , 10.1103/PhysRevD.83.052012 , Phys. Rev. D **83**, 052012 (2011)
608. **“Search for the Higgs boson in the all-hadronic final state using the CDF II detector”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1102.0024 [hep-ex] , 10.1103/PhysRevD.84.052010 , Phys. Rev. D **84**, 052010 (2011)
609. **“Search for heavy bottom-like quarks decaying to an electron or muon and jets in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1101.5728 [hep-ex] , 10.1103/PhysRevLett.106.141803 , Phys. Rev. Lett. **106**, 141803 (2011)
610. **“Measurement of the Top Quark Mass in the Lepton+Jets Channel Using the Lepton Transverse Momentum”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1101.4926 [hep-ex] , 10.1016/j.physletb.2011.03.041 , Phys. Lett. B **698**, 371 (2011)
611. **“Search for High Mass Resonances Decaying to Muon Pairs in $\sqrt{s} = 1.96$ TeV $p\bar{p}$ Collisions”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1101.4578 [hep-ex] , 10.1103/PhysRevLett.106.121801 , Phys. Rev. Lett. **106**, 121801 (2011)
612. **“Production of $\Lambda, \bar{\Lambda}^0 \Xi^\pm$ and $\Omega^\pm$ Hyperons in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1101.2996 [hep-ex] , 10.1103/PhysRevD.86.012002 , Phys. Rev. D **86**, 012002 (2012)
613. **“Measurement of the Forward-Backward Asymmetry in the $B \rightarrow K^{(*)}\mu^+\mu^-$ Decay and First Observation of the $B_s^0 \rightarrow \phi\mu^+\mu^-$ Decay”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1101.1028 [hep-ex] , 10.1103/PhysRevLett.106.161801 , Phys. Rev. Lett. **106**, 161801 (2011)
614. **“Evidence for a Mass Dependent Forward-Backward Asymmetry in Top Quark Pair Production”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1101.0034 [hep-ex] , 10.1103/PhysRevD.83.112003 , Phys. Rev. D **83**, 112003 (2011)
615. **“Search for a New Heavy Gauge Boson W' with Electron + missing ET Event Signature in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1012.5145 [hep-ex] , 10.1103/PhysRevD.83.031102 , Phys. Rev. D **83**, 031102 (2011)
616. **“Measurement of $t\bar{t}$ Spin Correlation in $p\bar{p}$ Collisions Using the CDF II Detector at the Tevatron”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1012.3093 [hep-ex] , 10.1103/PhysRevD.83.031104 , Phys. Rev. D **83**, 031104 (2011)
617. **“Measurement of b hadron lifetimes in exclusive decays containing a J/ψ in p^- pbar collisions at $\sqrt{s} = 1.96$ TeV”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1012.3138 [hep-ex] , 10.1103/PhysRevLett.106.121804 , Phys. Rev. Lett. **106**, 121804 (2011)

618. **“Search for Randall-Sundrum Gravitons in the Diphoton Channel at CDF”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1012.2795 [hep-ex] , 10.1103/PhysRevD.83.011102 , Phys. Rev. D **83**, 011102 (2011)
619. **“Top Quark Mass Measurement in the Lepton + Jets Channel Using a Matrix Element Method and *in situ* Jet Energy Calibration”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1010.4582 [hep-ex] , 10.1103/PhysRevLett.105.252001 , Phys. Rev. Lett. **105**, 252001 (2010)
620. **“Improved Search for a Higgs Boson Produced in Association with $Z \rightarrow \ell^+ \ell^-$ in proton antiproton Collisions at $\sqrt{s} = 1.96$ TeV”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1009.3047 [hep-ex] , 10.1103/PhysRevLett.105.251802 , Phys. Rev. Lett. **105**, 251802 (2010)
621. **“Search for the supersymmetric partner of the top quark in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1009.0266 [hep-ex] , 10.1103/PhysRevD.82.092001 , Phys. Rev. D **82**, 092001 (2010)
622. **“Updated Search for the Flavor-Changing Neutral-Current Decay $D^0 \rightarrow \mu^+ \mu^-$ ”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1008.5077 [hep-ex] , 10.1103/PhysRevD.82.091105 , Phys. Rev. D **82**, 091105 (2010)
623. **“Measurement of the $WW + WZ$ Production Cross Section Using a Matrix Element Technique in Lepton + Jets Events”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1008.4404 [hep-ex] , 10.1103/PhysRevD.82.112001 , Phys. Rev. D **82**, 112001 (2010)
624. **“Direct Top-Quark Width Measurement CDF”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1008.3891 [hep-ex] , 10.1103/PhysRevLett.105.232003 , Phys. Rev. Lett. **105**, 232003 (2010)
625. **“Diffractive W and Z Production at the Fermilab Tevatron”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1007.5048 [hep-ex] , 10.1103/PhysRevD.82.112004 , Phys. Rev. D **82**, 112004 (2010)
626. **“Measurement of the $t\bar{t}$ Production Cross Section with an *in situ* Calibration of b -jet Identification Efficiency”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1007.4423 [hep-ex] , 10.1103/PhysRevD.83.071102 , Phys. Rev. D **83**, 071102 (2011)
627. **“Exclusion of an Exotic Top Quark with $-4/3$ Electric Charge Using Soft Lepton Tagging”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1006.4597 [hep-ex] , 10.1103/PhysRevLett.105.101801 , Phys. Rev. Lett. **105**, 101801 (2010)
628. **“Measurement of $d\sigma/dy$ of Drell-Yan e^+e^- pairs in the Z Mass Region from $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV”** , T. A. Aaltonen *et al.* [CDF Collaboration] , arXiv:0908.3914 [hep-ex] , 10.1016/j.physletb.2010.06.043 , Phys. Lett. B **692**, 232 (2010)
629. **“Combined Tevatron upper limit on $gg \rightarrow H \rightarrow W^+W^-$ and constraints on the Higgs boson mass in fourth-generation fermion models”** , T. Aaltonen *et al.* [CDF and D0 Collaborations] , arXiv:1005.3216 [hep-ex] , 10.1103/PhysRevD.82.011102 , Phys. Rev. D **82**, 011102 (2010)
630. **“Search for the Production of Scalar Bottom Quarks in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1005.3600 [hep-ex] , 10.1103/PhysRevLett.105.081802 , Phys. Rev. Lett. **105**, 081802 (2010)
631. **“Search for WW and WZ resonances decaying to electron, missing E_T , and two jets in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1004.4946 [hep-ex] , 10.1103/PhysRevLett.104.241801 , Phys. Rev. Lett. **104**, 241801 (2010)
632. **“Measurement of the B^- lifetime using a simulation free approach for trigger bias correction”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1004.4855 [hep-ex] , 10.1103/PhysRevD.83.032008 , Phys. Rev. D **83**, 032008 (2011)
633. **“Search for R-parity Violating Decays of τ sneutrinos to $e\mu$, $\mu\tau$, and $e\tau$ Pairs in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1004.3042 [hep-ex] , 10.1103/PhysRevLett.105.191801 , Phys. Rev. Lett. **105**, 191801 (2010)

634. **“First Measurement of the Ratio $\sigma(t\bar{t})/\sigma(Z/\gamma^{**} \rightarrow \ell\ell)$ and Precise Extraction of the $t\bar{t}$ Cross Section”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1004.3224 [hep-ex] , 10.1103/PhysRevLett.105.012001 , Phys. Rev. Lett. **105**, 012001 (2010)
635. **“Observation of Single Top Quark Production and Measurement of $-\text{Vtb}-$ with CDF”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1004.1181 [hep-ex] , 10.1103/PhysRevD.82.112005 , Phys. Rev. D **82**, 112005 (2010)
636. **“Measurement of Z gamma Production in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1004.1140 [hep-ex] , 10.1103/PhysRevD.82.031103 , Phys. Rev. D **82**, 031103 (2010)
637. **“Studying the Underlying Event in Drell-Yan and High Transverse Momentum Jet Production at the Tevatron”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1003.3146 [hep-ex] , 10.1103/PhysRevD.82.034001 , Phys. Rev. D **82**, 034001 (2010)
638. **“Measurement of W-Boson Polarization in Top-quark Decay in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1003.0224 [hep-ex] , 10.1103/PhysRevLett.105.042002 , Phys. Rev. Lett. **105**, 042002 (2010)
639. **“Measurement of the $t\bar{t}$ Production Cross Section in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV using Soft Electron b-Tagging”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1002.3783 [hep-ex] , 10.1103/PhysRevD.81.092002 , Phys. Rev. D **81**, 092002 (2010)
640. **“Measurement of the Top Pair Production Cross Section in the Dilepton Decay Channel in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1002.2919 [hep-ex] , 10.1103/PhysRevD.82.052002 , Phys. Rev. D **82**, 052002 (2010)
641. **“Measurement of the Top Quark Mass and $p\bar{p} \rightarrow t\bar{t}$ Cross Section in the All-Hadronic Mode with the CDFII Detector”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1002.0365 [hep-ex] , 10.1103/PhysRevD.81.052011 , Phys. Rev. D **81**, 052011 (2010)
642. **“Combination of Tevatron searches for the standard model Higgs boson in the W+W-decay mode”** , T. Aaltonen *et al.* [CDF and D0 Collaborations] , arXiv:1001.4162 [hep-ex] , 10.1103/PhysRevLett.104.061802 , Phys. Rev. Lett. **104**, 061802 (2010)
643. **“Inclusive Search for Standard Model Higgs Boson Production in the WW Decay Channel using the CDF II Detector”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1001.4468 [hep-ex] , 10.1103/PhysRevLett.104.061803 , Phys. Rev. Lett. **104**, 061803 (2010)
644. **“Search for single top quark production in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV in the missing transverse energy plus jets topology”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:1001.4577 [hep-ex] , 10.1103/PhysRevD.81.072003 , Phys. Rev. D **81**, 072003 (2010)
645. **“Search for New Physics with a Dijet plus Missing Transverse Energy Signature in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:0912.4691 [hep-ex] , 10.1103/PhysRevLett.105.131801 , Phys. Rev. Lett. **105**, 131801 (2010)
646. **“Measurement of the W^+W^- Production Cross Section and Search for Anomalous $WW\gamma$ and WWZ Couplings in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:0912.4500 [hep-ex] , 10.1103/PhysRevLett.104.201801 , Phys. Rev. Lett. **104**, 201801 (2010)
647. **“Measurement of the Λ_b Lifetime in $\Lambda_b \rightarrow \Lambda_c^+ \pi^-$ Decays in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:0912.3566 [hep-ex] , 10.1103/PhysRevLett.104.102002 , Phys. Rev. Lett. **104**, 102002 (2010)
648. **“A Study of the associated production of photons and b-quark jets in p p-bar collisions at $\sqrt{s} = 1.96$ -TeV”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:0912.3453 [hep-ex] , 10.1103/PhysRevD.81.052006 , Phys. Rev. D **81**, 052006 (2010)
649. **“Search for Technicolor Particles Produced in Association with a W Boson at CDF”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:0912.2059 [hep-ex] , 10.1103/PhysRevLett.104.111802 , Phys. Rev. Lett. **104**, 111802 (2010)

650. **“Search for Pair Production of Supersymmetric Top Quarks in Dilepton Events from $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:0912.1308 [hep-ex] , 10.1103/PhysRevLett.104.251801 , Phys. Rev. Lett. **104**, 251801 (2010)
651. **“Search for New Bottomlike Quark Pair Decays $Q\bar{Q} \rightarrow (tW^\mp)(\bar{t}W^\pm)$ in Same-Charge Dilepton Events”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:0912.1057 [hep-ex] , 10.1103/PhysRevLett.104.091801 , Phys. Rev. Lett. **104**, 091801 (2010)
652. **“Measurement of the WW+WZ Production Cross Section Using the Lepton+Jets Final State at CDF II”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:0911.4449 [hep-ex] , 10.1103/PhysRevLett.104.101801 , Phys. Rev. Lett. **104**, 101801 (2010)
653. **“A Search for the Higgs Boson Using Neural Networks in Events with Missing Energy and b-quark Jets in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ -TeV”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:0911.3935 [hep-ex] , 10.1103/PhysRevLett.104.141801 , Phys. Rev. Lett. **104**, 141801 (2010)
654. **“Search for New Color-Octet Vector Particle Decaying to t anti-t in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ -TeV”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:0911.3112 [hep-ex] , 10.1016/j.physletb.2010.06.036 , Phys. Lett. B **691**, 183 (2010)
655. **“Measurement of the Top Quark Mass in the Dilepton Channel Using mT2 at CDF”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:0911.2956 [hep-ex] , 10.1103/PhysRevD.81.031102 , Phys. Rev. D **81**, 031102 (2010)
656. **“Measurements of branching fraction ratios and CP asymmetries in $B^\pm \rightarrow D(CP)K^\pm$ decays in hadron collisions”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:0911.0425 [hep-ex] , 10.1103/PhysRevD.81.031105 , Phys. Rev. D **81**, 031105 (2010)
657. **“Search for Anomalous Production of Events with Two Photons and Additional Energetic Objects at CDF”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:0910.5170 [hep-ex] , 10.1103/PhysRevD.82.052005 , Phys. Rev. D **82**, 052005 (2010)
658. **“Measurement of the Inclusive Isolated Prompt Photon Cross Section in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV using the CDF Detector”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:0910.3623 [hep-ex] , 10.1103/PhysRevD.80.111106 , Phys. Rev. D **80**, 111106 (2009)
659. **“Search for Supersymmetry with Gauge-Mediated Breaking in Diphoton Events with Missing Transverse Energy at CDF II”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:0910.3606 [hep-ex] , 10.1103/PhysRevLett.104.011801 , Phys. Rev. Lett. **104**, 011801 (2010)
660. **“New Techniques in the Search for Z-prime Bosons and Other Neutral Resonances”** , C. P. Hays, A. V. Kotwal and O. Stelzer-Chilton. , arXiv:0910.1770 [hep-ex] , 10.1142/S021773230903179X , Mod. Phys. Lett. A **24**, 2387 (2009)
661. **“Measurements of the top-quark mass using charged particle tracking”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:0910.0969 [hep-ex] , 10.1103/PhysRevD.81.032002 , Phys. Rev. D **81**, 032002 (2010)
662. **“First Measurement of the b-jet Cross Section in Events with a W Boson in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ -TeV”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:0909.1505 [hep-ex] , 10.1103/PhysRevLett.104.131801 , Phys. Rev. Lett. **104**, 131801 (2010)
663. **“A Search for the Higgs Boson Produced in Association with $Z \rightarrow \ell^+\ell^-$ Using the Matrix Element Method at CDF II”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:0908.3534 [hep-ex] , 10.1103/PhysRevD.80.071101 , Phys. Rev. D **80**, 071101 (2009)
664. **“Search for charged Higgs bosons in decays of top quarks in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:0907.1269 [hep-ex] , 10.1103/PhysRevLett.103.101803 , Phys. Rev. Lett. **103**, 101803 (2009)
665. **“A Search for the Associated Production of the Standard-Model Higgs Boson in the All-Hadronic Channel”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:0907.0810 [hep-ex] , 10.1103/PhysRevLett.103.221801 , Phys. Rev. Lett. **103**, 221801 (2009)

666. **“Search for a Higgs Boson in $WH \rightarrow \ell\nu b\bar{b}$ in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:0906.5613 [hep-ex] , 10.1103/PhysRevLett.103.101802 , Phys. Rev. Lett. **103**, 101802 (2009)
667. **“Measurement of the Top Quark Mass Using the Invariant Mass of Lepton Pairs in Soft Muon b-tagged Events”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:0906.5371 [hep-ex] , 10.1103/PhysRevD.80.051104 , Phys. Rev. D **80**, 051104 (2009)
668. **“Precision Measurement of the $X(3872)$ Mass in $J/\psi\pi^+\pi^-$ Decays”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:0906.5218 [hep-ex] , 10.1103/PhysRevLett.103.152001 , Phys. Rev. Lett. **103**, 152001 (2009)
669. **“Search for Higgs bosons predicted in two-Higgs-doublet models via decays to tau lepton pairs in 1.96-TeV $p\bar{p}$ collisions”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:0906.1014 [hep-ex] , 10.1103/PhysRevLett.103.201801 , Phys. Rev. Lett. **103**, 201801 (2009)
670. **“Searching the Inclusive Lepton + Photon + Missing E(T) + b-quark Signature for Radiative Top Quark Decay and Non-Standard-Model Processes”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:0906.0518 [hep-ex] , 10.1103/PhysRevD.80.011102 , Phys. Rev. D **80**, 011102 (2009)
671. **“First Observation of Vector Boson Pairs in a Hadronic Final State at the Tevatron Collider”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:0905.4714 [hep-ex] , 10.1103/PhysRevLett.103.091803 , Phys. Rev. Lett. **103**, 091803 (2009)
672. **“Search for TeV γ -rays from H1426+428 during 2004-07 with the TACTIC telescope”** , K. K. Yadav *et al.* , arXiv:0905.3994 [astro-ph.CO] , 10.1088/0954-3899/36/8/085201 , J. Phys. G **36**, 085201 (2009)
673. **“Search for Standard Model Higgs Boson Production in Association with a W Boson using a Neural Network Discriminant at CDF”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:0905.3155 [hep-ex] , 10.1103/PhysRevD.80.012002 , Phys. Rev. D **80**, 012002 (2009)
674. **“Observation of the Ω_b^- and Measurement of the Properties of the Ξ_b^- and Ω_b^- ”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:0905.3123 [hep-ex] , 10.1103/PhysRevD.80.072003 , Phys. Rev. D **80**, 072003 (2009)
675. **“Production of $\psi(2S)$ Mesons in $p\bar{p}$ Collisions at 1.96-TeV”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:0905.1982 [hep-ex] , 10.1103/PhysRevD.80.031103 , Phys. Rev. D **80**, 031103 (2009)
676. **“Search for a Fermiophobic Higgs Boson Decaying into Diphotons in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ -TeV”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:0905.0413 [hep-ex] , 10.1103/PhysRevLett.103.061803 , Phys. Rev. Lett. **103**, 061803 (2009)
677. **“Search for the Neutral Current Top Quark Decay $t \rightarrow Zc$ Using Ratio of Z-Boson + 4 Jets to W-Boson + 4 Jets Production”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:0905.0277 [hep-ex] , 10.1103/PhysRevD.80.052001 , Phys. Rev. D **80**, 052001 (2009)
678. **“Search for Anomalous Production of Events with a Photon, Jet, b-quark Jet, and Missing Transverse Energy”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:0905.0231 [hep-ex] , 10.1103/PhysRevD.80.052003 , Phys. Rev. D **80**, 052003 (2009)
679. **“Measurement of Particle Production and Inclusive Differential Cross Sections in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ -TeV”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:0904.1098 [hep-ex] , 10.1103/PhysRevD.82.119903, 10.1103/PhysRevD.79.112005 , Phys. Rev. D **79**, 112005 (2009), Erratum: [Phys. Rev. D **82**, 119903 (2010)]
680. **“A Measurement of the t anti-t Cross Section in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ -TeV using Dilepton Events with a Lepton plus Track Selection”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:0903.5263 [hep-ex] , 10.1103/PhysRevD.79.112007 , Phys. Rev. D **79**, 112007 (2009)

681. **“First Measurement of the t anti-t Differential Cross Section $d\sigma/dM(t \text{ anti-}t)$ in $p\bar{p}$ Collisions at $\sqrt{s}=1.96\text{-TeV}$ ”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:0903.2850 [hep-ex] , 10.1103/PhysRevLett.102.222003 , Phys. Rev. Lett. **102**, 222003 (2009)
682. **“Search for Gluino-Mediated Sbottom Production in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96\text{-TeV}$ ”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:0903.2618 [hep-ex] , 10.1103/PhysRevLett.102.221801 , Phys. Rev. Lett. **102**, 221801 (2009)
683. **“Measurement of the b-Hadron Production Cross Section Using Decays to MU- d0 X Final States in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96\text{-TeV}$ ”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:0903.2403 [hep-ex] , 10.1103/PhysRevD.79.092003 , Phys. Rev. D **79**, 092003 (2009)
684. **“Evidence for a Narrow Near-Threshold Structure in the $J/\psi\phi$ Mass Spectrum in $B^+ \rightarrow J/\psi\phi K^+$ Decays”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:0903.2229 [hep-ex] , 10.1103/PhysRevLett.102.242002 , Phys. Rev. Lett. **102**, 242002 (2009)
685. **“Search for narrow resonances lighter than Υ mesons”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:0903.2060 [hep-ex] , 10.1140/epjc/s10052-009-1057-4 , Eur. Phys. J. C **62**, 319 (2009)
686. **“First Observation of Electroweak Single Top Quark Production”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:0903.0885 [hep-ex] , 10.1103/PhysRevLett.103.092002 , Phys. Rev. Lett. **103**, 092002 (2009)
687. **“Search for WW and WZ Production in Lepton Plus Jets Final State at CDF”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:0903.0814 [hep-ex] , 10.1103/PhysRevD.79.112011 , Phys. Rev. D **79**, 112011 (2009)
688. **“Search for the Production of Narrow t anti-b Resonances in 1.9 fb⁻¹ of $p\bar{p}$ Collisions at $\sqrt{s} = 1.96\text{-TeV}$ ”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:0902.3276 [hep-ex] , 10.1103/PhysRevLett.103.041801 , Phys. Rev. Lett. **103**, 041801 (2009)
689. **“Search for exclusive Z boson production and observation of high mass $p\bar{p} \rightarrow \gamma\gamma \rightarrow p + \ell\ell + \bar{p}$ events in $p\bar{p}$ collisions at $\sqrt{s} = 1.96\text{ TeV}$ ”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:0902.2816 [hep-ex] , 10.1103/PhysRevLett.102.222002 , Phys. Rev. Lett. **102**, 222002 (2009)
690. **“Observation of exclusive charmonium production and $\gamma + \gamma$ to $\mu^+\mu^-$ in $p\bar{p}$ collisions at $\sqrt{s} = 1.96\text{ TeV}$ ”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:0902.1271 [hep-ex] , 10.1103/PhysRevLett.102.242001 , Phys. Rev. Lett. **102**, 242001 (2009)
691. **“Search for Long-Lived Massive Charged Particles in 1.96 TeV $p\bar{p}$ Collisions”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:0902.1266 [hep-ex] , 10.1103/PhysRevLett.103.021802 , Phys. Rev. Lett. **103**, 021802 (2009)
692. **“Measurement of the $t\bar{t}$ Production Cross Section in 2 fb⁻¹ of $p\bar{p}$ Collisions at $\sqrt{s} = 1.96\text{ TeV}$ Using Lepton Plus Jets Events with Soft Muon b-Tagging”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:0901.4142 [hep-ex] , 10.1103/PhysRevD.79.052007 , Phys. Rev. D **79**, 052007 (2009)
693. **“Search for the Decays $B_s^0 \rightarrow e^+\mu^-$ and $B_s^0 \rightarrow e^+e^-$ in CDF Run II”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:0901.3803 [hep-ex] , 10.1103/PhysRevLett.102.201801 , Phys. Rev. Lett. **102**, 201801 (2009)
694. **“Measurement of the top quark mass at CDF using the ‘neutrino ϕ weighting’ template method on a lepton plus isolated track sample”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:0901.3773 [hep-ex] , 10.1103/PhysRevD.79.072005 , Phys. Rev. D **79**, 072005 (2009)
695. **“Direct Measurement of the W Production Charge Asymmetry in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96\text{ TeV}$ ”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:0901.2169 [hep-ex] , 10.1103/PhysRevLett.102.181801 , Phys. Rev. Lett. **102**, 181801 (2009)
696. **“Measurement of the W Boson Mass at the Tevatron”** , A. V. Kotwal and J. Stark. , 10.1146/annurev.nucl.58.110707.171227 , Ann. Rev. Nucl. Part. Sci. **58**, 147 (2008).

697. **“Top Quark Mass Measurement in the Lepton plus Jets Channel Using a Modified Matrix Element Method”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:0812.4469 [hep-ex] , 10.1103/PhysRevD.79.072001 , Phys. Rev. D **79**, 072001 (2009)
698. **“Measurement of Cross Sections for b Jet Production in Events with a Z Boson in p^- anti- p Collisions at $\sqrt{s} = 1.96\text{-TeV}$ ”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:0812.4458 [hep-ex] , 10.1103/PhysRevD.79.052008 , Phys. Rev. D **79**, 052008 (2009)
699. **“Observation of New Charmless Decays of Bottom Hadrons”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:0812.4271 [hep-ex] , 10.1103/PhysRevLett.103.031801 , Phys. Rev. Lett. **103**, 031801 (2009)
700. **“Search for new particles decaying into dijets in proton-antiproton collisions at $\sqrt{s} = 1.96\text{-TeV}$ ”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:0812.4036 [hep-ex] , 10.1103/PhysRevD.79.112002 , Phys. Rev. D **79**, 112002 (2009)
701. **“Search for top-quark production via flavor-changing neutral currents in $W+1$ jet events at CDF”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:0812.3400 [hep-ex] , 10.1103/PhysRevLett.102.151801 , Phys. Rev. Lett. **102**, 151801 (2009)
702. **“Measurement of the k_T Distribution of Particles in Jets Produced in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96\text{-TeV}$ ”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:0811.2820 [hep-ex] , 10.1103/PhysRevLett.102.232002 , Phys. Rev. Lett. **102**, 232002 (2009)
703. **“Inclusive Search for Squark and Gluino Production in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96\text{-TeV}$ ”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:0811.2512 [hep-ex] , 10.1103/PhysRevLett.102.121801 , Phys. Rev. Lett. **102**, 121801 (2009)
704. **“Top Quark Mass Measurement in the $t\bar{t}$ All Hadronic Channel using a Matrix Element Technique in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96\text{-TeV}$ ”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:0811.1062 [hep-ex] , 10.1103/PhysRevD.79.072010 , Phys. Rev. D **79**, 072010 (2009)
705. **“Measurement of W-Boson Helicity Fractions in Top-Quark Decays Using $\cos\theta^*$ ”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:0811.0344 [hep-ex] , 10.1016/j.physletb.2009.02.040 , Phys. Lett. B **674**, 160 (2009)
706. **“A Search for high-mass resonances decaying to dimuons at CDF”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:0811.0053 [hep-ex] , 10.1103/PhysRevLett.102.091805 , Phys. Rev. Lett. **102**, 091805 (2009)
707. **“Search for new physics in the $\mu\mu + e/\mu + \cancel{E}_T$ channel with a low- p_T lepton threshold at the Collider Detector at Fermilab”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:0810.3522 [hep-ex] , 10.1103/PhysRevD.79.052004 , Phys. Rev. D **79**, 052004 (2009)
708. **“First Measurement of the Ratio of Branching Fractions $B(\Lambda_b^0 \rightarrow \Lambda_c^+ \mu^- \bar{\nu}_\mu)/B(\Lambda_b^0 \rightarrow \Lambda_c^+ \pi^-)$ ”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:0810.3213 [hep-ex] , 10.1103/PhysRevD.79.032001 , Phys. Rev. D **79**, 032001 (2009)
709. **“Search for High-Mass e^+e^- Resonances in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96\text{-TeV}$ ”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:0810.2059 [hep-ex] , 10.1103/PhysRevLett.102.031801 , Phys. Rev. Lett. **102**, 031801 (2009)
710. **“Measurement of Resonance Parameters of Orbitally Excited Narrow B^0 Mesons”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:0809.5007 [hep-ex] , 10.1103/PhysRevLett.102.102003 , Phys. Rev. Lett. **102**, 102003 (2009)
711. **“Search for Maximal Flavor Violating Scalars in Same-Charge Lepton Pairs in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96\text{-TeV}$ ”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:0809.4903 [hep-ex] , 10.1103/PhysRevLett.102.041801 , Phys. Rev. Lett. **102**, 041801 (2009)
712. **“First simultaneous measurement of the top quark mass in the lepton + jets and dilepton channels at CDF”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:0809.4808 [hep-ex] , 10.1103/PhysRevD.79.092005 , Phys. Rev. D **79**, 092005 (2009)

713. **“Search for a Higgs Boson Decaying to Two W Bosons at CDF”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:0809.3930 [hep-ex] , 10.1103/PhysRevLett.102.021802 , Phys. Rev. Lett. **102**, 021802 (2009)
714. **“Global Search for New Physics with 2.0 fb^{-1} at CDF”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:0809.3781 [hep-ex] , 10.1103/PhysRevD.79.011101 , Phys. Rev. D **79**, 011101 (2009)
715. **“Measurement of the Single Top Quark Production Cross Section at CDF”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:0809.2581 [hep-ex] , 10.1103/PhysRevLett.101.252001 , Phys. Rev. Lett. **101**, 252001 (2008)
716. **“First measurement of the W boson mass with CDF in run II”** , C. P. Hays, B. Jayatilaka, A. Kotwal, L. Nodulman, O. Stelzer-Chilton, W. Trischuk and I. Vollrath. , 10.1088/1742-6596/110/12/122019 , J. Phys. Conf. Ser. **110**, 122019 (2008).
717. **“First observation of $\bar{B}_s^0 \rightarrow D_s^\pm K^\mp$ and measurement of the ratio of branching fractions $\mathbf{B}(\bar{B}_s^0 \rightarrow D_s^\pm K^\mp) / \mathbf{B}(\bar{B}_s^0 \rightarrow D_s^\pm \pi^\mp)$ ”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:0809.0080 [hep-ex] , 10.1103/PhysRevLett.103.191802 , Phys. Rev. Lett. **103**, 191802 (2009)
718. **“Search for Supersymmetry in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96\text{-TeV}$ Using the Trilepton Signature of Chargino-Neutralino Production”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:0808.2446 [hep-ex] , 10.1103/PhysRevLett.101.251801 , Phys. Rev. Lett. **101**, 251801 (2008)
719. **“First Direct Bound on the Total Width of the Top Quark in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96\text{-TeV}$ ”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:0808.2167 [hep-ex] , 10.1103/PhysRevLett.102.042001 , Phys. Rev. Lett. **102**, 042001 (2009)
720. **“Search for Doubly Charged Higgs Bosons with Lepton-Flavor-Violating Decays involving Tau Leptons”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:0808.2161 [hep-ex] , 10.1103/PhysRevLett.101.121801 , Phys. Rev. Lett. **101**, 121801 (2008)
721. **“Measurement of the top quark mass with dilepton events selected using neuroevolution at CDF”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:0807.4652 [hep-ex] , 10.1103/PhysRevLett.102.152001 , Phys. Rev. Lett. **102**, 152001 (2009)
722. **“Search for the Higgs boson produced with $Z \rightarrow \ell^+ \ell^-$ in $p\bar{p}$ collisions at $\sqrt{s} = 1.96\text{ TeV}$ ”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:0807.4493 [hep-ex] , 10.1103/PhysRevLett.101.251803 , Phys. Rev. Lett. **101**, 251803 (2008)
723. **“Measurement of the fraction of $t\bar{t}$ production via gluon-gluon fusion in $p\bar{p}$ collisions at $\sqrt{s} = 1.96\text{-TeV}$ ”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:0807.4262 [hep-ex] , 10.1103/PhysRevD.79.031101 , Phys. Rev. D **79**, 031101 (2009)
724. **“Search for large extra dimensions in final states containing one photon or jet and large missing transverse energy produced in $p\bar{p}$ collisions at $\sqrt{s} = 1.96\text{-TeV}$ ”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:0807.3132 [hep-ex] , 10.1103/PhysRevLett.101.181602 , Phys. Rev. Lett. **101**, 181602 (2008)
725. **“Measurement of the Inclusive Jet Cross Section at the Fermilab Tevatron $p\bar{p}$ Collider Using a Cone-Based Jet Algorithm”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:0807.2204 [hep-ex] , 10.1103/PhysRevD.79.119902, 10.1103/PhysRevD.78.052006 , Phys. Rev. D **78**, 052006 (2008), Erratum: [Phys. Rev. D **79**, 119902 (2009)]
726. **“Forward-Backward Asymmetry in Top Quark Production in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96\text{ TeV}$ ”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:0806.2472 [hep-ex] , 10.1103/PhysRevLett.101.202001 , Phys. Rev. Lett. **101**, 202001 (2008)
727. **“Measurement of b -jet Shapes in Inclusive Jet Production in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96\text{-TeV}$ ”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:0806.1699 [hep-ex] , 10.1103/PhysRevD.78.072005 , Phys. Rev. D **78**, 072005 (2008)

728. **“Search for the Flavor Changing Neutral Current Decay $t \rightarrow Zq$ in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV”**, T. Aaltonen *et al.* [CDF Collaboration], arXiv:0805.2109 [hep-ex], 10.1103/PhysRevLett.101.192002, Phys. Rev. Lett. **101**, 192002 (2008)
729. **“Search for the Rare Decays $B^+ \rightarrow \mu^+\mu^-K^+$, $B^0 \rightarrow \mu^+\mu^-K^{*0}(892)$, and $B_s^0 \rightarrow \mu^+\mu^-\phi$ at CDF”**, T. Aaltonen *et al.* [CDF Collaboration], arXiv:0804.3908 [hep-ex], 10.1103/PhysRevD.79.011104, Phys. Rev. D **79**, 011104 (2009)
730. **“Search for Heavy, Long-Lived Neutralinos that Decay to Photons at CDF II Using Photon Timing”**, T. Aaltonen *et al.* [CDF Collaboration], arXiv:0804.1043 [hep-ex], 10.1103/PhysRevD.78.032015, Phys. Rev. D **78**, 032015 (2008)
731. **“Search for Hadronic Decays of W and Z Bosons in Photon Events in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ -GeV”**, T. Aaltonen *et al.* [CDF Collaboration], arXiv:0803.4264 [hep-ex], 10.1103/PhysRevD.80.052011, Phys. Rev. D **80**, 052011 (2009)
732. **“Search for Standard Model Higgs Boson Production in Association with a W Boson at CDF”**, T. Aaltonen *et al.* [CDF Collaboration], arXiv:0803.3493 [hep-ex], 10.1103/PhysRevD.78.032008, Phys. Rev. D **78**, 032008 (2008)
733. **“Search for Pair Production of Scalar Top Quarks Decaying to a τ Lepton and a b Quark in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV”**, T. Aaltonen *et al.* [CDF Collaboration], arXiv:0802.3887 [hep-ex], 10.1103/PhysRevLett.101.071802, Phys. Rev. Lett. **101**, 071802 (2008)
734. **“Two-Particle Momentum Correlations in Jets Produced in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ -TeV”**, T. Aaltonen *et al.* [CDF Collaboration], arXiv:0802.3182 [hep-ex], 10.1103/PhysRevD.77.092001, Phys. Rev. D **77**, 092001 (2008)
735. **“Search for the Higgs boson in events with missing transverse energy and b quark jets produced in proton-antiproton collisions at $\sqrt{s} = 1.96$ TeV”**, T. Aaltonen *et al.* [CDF Collaboration], arXiv:0802.0432 [hep-ex], 10.1103/PhysRevLett.100.211801, Phys. Rev. Lett. **100**, 211801 (2008)
736. **“First Measurement of ZZ Production in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ -TeV”**, T. Aaltonen *et al.* [CDF Collaboration], arXiv:0801.4806 [hep-ex], 10.1103/PhysRevLett.100.201801, Phys. Rev. Lett. **100**, 201801 (2008)
737. **“Measurement of Ratios of Fragmentation Fractions for Bottom Hadrons in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ -TeV”**, T. Aaltonen *et al.* [CDF Collaboration], arXiv:0801.4375 [hep-ex], 10.1103/PhysRevD.77.072003, Phys. Rev. D **77**, 072003 (2008)
738. **“Search for Heavy Top-like Quarks Using Lepton Plus Jets Events in 1.96-TeV $p\bar{p}$ Collisions”**, T. Aaltonen *et al.* [CDF Collaboration], arXiv:0801.3877 [hep-ex], 10.1103/PhysRevLett.100.161803, Phys. Rev. Lett. **100**, 161803 (2008)
739. **“Search for New Heavy Particles Decaying to $Z^0Z^0 \rightarrow eeee$ in $p - \bar{p}$ Collisions at $\sqrt{s} = 1.96$ -TeV”**, T. Aaltonen *et al.* [CDF Collaboration], arXiv:0801.1129 [hep-ex], 10.1103/PhysRevD.78.012008, Phys. Rev. D **78**, 012008 (2008)
740. **“First measurement of the fraction of top quark pair production through gluon-gluon fusion”**, T. Aaltonen *et al.* [CDF Collaboration], arXiv:0712.3273 [hep-ex], 10.1103/PhysRevD.78.111101, Phys. Rev. D **78**, 111101 (2008)
741. **“First Flavor-Tagged Determination of Bounds on Mixing-Induced CP Violation in $B_s^0 \rightarrow J/\psi\phi$ Decays”**, T. Aaltonen *et al.* [CDF Collaboration], arXiv:0712.2397 [hep-ex], 10.1103/PhysRevLett.100.161802, Phys. Rev. Lett. **100**, 161802 (2008)
742. **“Measurement of lifetime and decay-width difference in $B_s^0 \rightarrow J/\psi\phi$ decays”**, T. Aaltonen *et al.* [CDF Collaboration], arXiv:0712.2348 [hep-ex], 10.1103/PhysRevLett.100.121803, Phys. Rev. Lett. **100**, 121803 (2008)

743. **“Evidence for $D^0 - \bar{D}^0$ mixing using the CDF II Detector”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:0712.1567 [hep-ex] , 10.1103/PhysRevLett.100.121802 , Phys. Rev. Lett. **100**, 121802 (2008)
744. **“Search for $B_s^0 \rightarrow \mu^+ \mu^-$ and $B_d^0 \rightarrow \mu^+ \mu^-$ decays with $2fb^{-1}$ of $p\bar{p}$ collisions”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:0712.1708 [hep-ex] , 10.1103/PhysRevLett.100.101802 , Phys. Rev. Lett. **100**, 101802 (2008)
745. **“Observation of the Decay $B^+ - (c) \rightarrow J/\psi \pi^\pm$ and Measurement of the $B^+ - (c)$ Mass”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:0712.1506 [hep-ex] , 10.1103/PhysRevLett.100.182002 , Phys. Rev. Lett. **100**, 182002 (2008)
746. **“Model-Independent and Quasi-Model-Independent Search for New Physics at CDF”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:0712.1311 [hep-ex] , 10.1103/PhysRevD.78.012002 , Phys. Rev. D **78**, 012002 (2008)
747. **“Observation of Exclusive Dijet Production at the Fermilab Tevatron $p^- \bar{p}$ Collider”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:0712.0604 [hep-ex] , 10.1103/PhysRevD.77.052004 , Phys. Rev. D **77**, 052004 (2008)
748. **“Measurement of the cross section for W^- boson production in association with jets in $p\bar{p}$ collisions at $\sqrt{s} = 1.96\text{-TeV}$ ”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:0711.4044 [hep-ex] , 10.1103/PhysRevD.77.011108 , Phys. Rev. D **77**, 011108 (2008)
749. **“Measurement of inclusive jet cross-sections in $Z/\gamma^* \rightarrow e^+e^- + \text{jets}$ production in $p\bar{p}$ collisions at $\sqrt{s} = 1.96\text{-TeV}$ ”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:0711.3717 [hep-ex] , 10.1103/PhysRevLett.100.102001 , Phys. Rev. Lett. **100**, 102001 (2008)
750. **“Search for chargino-neutralino production in $p\bar{p}$ collisions at 1.96-TeV with high- $p(T)$ leptons”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:0711.3161 [hep-ex] , 10.1103/PhysRevD.77.052002 , Phys. Rev. D **77**, 052002 (2008)
751. **“First measurement of the production of a W boson in association with a single charm quark in $p\bar{p}$ collisions at $\sqrt{s} = 1.96\text{-TeV}$ ”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:0711.2901 [hep-ex] , 10.1103/PhysRevLett.100.091803 , Phys. Rev. Lett. **100**, 091803 (2008)
752. **“Limits on the production of narrow $t\bar{t}$ resonances in $p\bar{p}$ collisions at $\sqrt{s} = 1.96\text{-TeV}$ ”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:0710.5335 [hep-ex] , 10.1103/PhysRevD.77.051102 , Phys. Rev. D **77**, 051102 (2008)
753. **“Search for Standard Model Higgs Bosons Produced in Association with W Bosons”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:0710.4363 [hep-ex] , 10.1103/PhysRevLett.100.041801 , Phys. Rev. Lett. **100**, 041801 (2008)
754. **“Observation of orbitally excited B_s mesons”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:0710.4199 [hep-ex] , 10.1103/PhysRevLett.100.082001 , Phys. Rev. Lett. **100**, 082001 (2008)
755. **“A Direct measurement of the W boson width in $p\bar{p}$ collisions at $\sqrt{s} = 1.96\text{-TeV}$ ”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:0710.4112 [hep-ex] , 10.1103/PhysRevLett.100.071801 , Phys. Rev. Lett. **100**, 071801 (2008)
756. **“Cross-section constrained top quark mass measurement from dilepton events at the Tevatron”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:0710.4037 [hep-ex] , 10.1103/PhysRevLett.100.062005 , Phys. Rev. Lett. **100**, 062005 (2008)
757. **“First Observation of the Decay $B_s^0 \rightarrow D_s^- D_s^+$ and Measurement of Its Branching Ratio”** , T. Aaltonen *et al.* [CDF Collaboration] , 10.1103/PhysRevLett.100.021803 , Phys. Rev. Lett. **100**, 021803 (2008).
758. **“Measurement of correlated $b^- \bar{b}$ production in $p^- \bar{p}$ collisions at $\sqrt{s} = 1960\text{ GeV}$ ”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:0710.1895 [hep-ex] , 10.1103/PhysRevD.77.072004 , Phys. Rev. D **77**, 072004 (2008)

759. **“Search for resonant $t\bar{t}$ production in $p\bar{p}$ collisions at $\sqrt{s} = 1.96\text{-TeV}$ ”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:0709.0705 [hep-ex] , 10.1103/PhysRevLett.100.231801 , Phys. Rev. Lett. **100**, 231801 (2008)
760. **“First Run II Measurement of the W Boson Mass”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:0708.3642 [hep-ex] , 10.1103/PhysRevD.77.112001 , Phys. Rev. D **77**, 112001 (2008)
761. **“Measurement of the Ratio of Branching Fractions $B(B^+ \rightarrow J/\psi\pi^+) / B(B^+ \rightarrow J/\psi K^+)$ ”** , A. Abulencia *et al.* [CDF Collaboration] , arXiv:0905.2146 [hep-ex] , 10.1103/PhysRevD.79.112003 , Phys. Rev. D **79**, 112003 (2009)
762. **“Search for Direct Pair Production of Supersymmetric Top and Supersymmetric Bottom Quarks in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96\text{-TeV}$ ”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:0707.2567 [hep-ex] , 10.1103/PhysRevD.76.072010 , Phys. Rev. D **76**, 072010 (2007)
763. **“Search for new physics in high mass electron-positron events in $p\bar{p}$ collisions at $\sqrt{s} = 1.96\text{-TeV}$ ”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:0707.2524 [hep-ex] , 10.1103/PhysRevLett.99.171802 , Phys. Rev. Lett. **99**, 171802 (2007)
764. **“Search for exclusive $\gamma\gamma$ production in hadron-hadron collisions”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:0707.2374 [hep-ex] , 10.1103/PhysRevLett.99.242002 , Phys. Rev. Lett. **99**, 242002 (2007)
765. **“Search for chargino-neutralino production in $p\bar{p}$ collisions at $\sqrt{s} = 1.96\text{-TeV}$ ”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:0707.2362 [hep-ex] , 10.1103/PhysRevLett.99.191806 , Phys. Rev. Lett. **99**, 191806 (2007)
766. **“Search for a high-mass diphoton state and limits on Randall-Sundrum gravitons at CDF”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:0707.2294 [hep-ex] , 10.1103/PhysRevLett.99.171801 , Phys. Rev. Lett. **99**, 171801 (2007)
767. **“Observation and mass measurement of the baryon Xi_b^- ”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:0707.0589 [hep-ex] , 10.1103/PhysRevLett.99.052002 , Phys. Rev. Lett. **99**, 052002 (2007)
768. **“First measurement of the W boson mass in Run II of the Tevatron”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:0707.0085 [hep-ex] , 10.1103/PhysRevLett.99.151801 , Phys. Rev. Lett. **99**, 151801 (2007)
769. **“First observation of heavy baryons Σ_b and Σ_b^* ”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:0706.3868 [hep-ex] , 10.1103/PhysRevLett.99.202001 , Phys. Rev. Lett. **99**, 202001 (2007)
770. **“Measurement of the $p\bar{p} \rightarrow t\bar{t}$ production cross-section and the top quark mass at $\sqrt{s} = 1.96\text{-TeV}$ in the all-hadronic decay mode”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:0706.3790 [hep-ex] , 10.1103/PhysRevD.76.072009 , Phys. Rev. D **76**, 072009 (2007)
771. **“Search for New Particles Leading to Z + jets Final States in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96\text{-TeV}$ ”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:0706.3264 [hep-ex] , 10.1103/PhysRevD.76.072006 , Phys. Rev. D **76**, 072006 (2007)
772. **“Search for Third Generation Vector Leptoquarks in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96\text{-TeV}$ ”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:0706.2832 [hep-ex] , 10.1103/PhysRevD.77.091105 , Phys. Rev. D **77**, 091105 (2008)
773. **“The TACTIC atmospheric Cherenkov Imaging telescope”** , R. Koul *et al.* , arXiv:0706.2055 [astro-ph] , 10.1016/j.nima.2007.06.011 , Nucl. Instrum. Meth. A **578**, 548 (2007)
774. **“Limits on Anomalous Triple Gauge Couplings in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96\text{-TeV}$ ”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:0705.2247 [hep-ex] , 10.1103/PhysRevD.76.111103 , Phys. Rev. D **76**, 111103 (2007)
775. **“Measurement of the top-quark mass using missing E_T + jets events with secondary vertex b -tagging at CDF II”** , T. Aaltonen *et al.* [CDF Collaboration] , arXiv:0705.1594 [hep-ex] , 10.1103/PhysRevD.75.111103 , Phys. Rev. D **75**, 111103 (2007)

776. **“Search for heavy, long-lived particles that decay to photons at CDF II”** , A. Abulencia *et al.* [CDF Collaboration] , arXiv:0704.0760 [hep-ex] , 10.1103/PhysRevLett.99.121801 , Phys. Rev. Lett. **99**, 121801 (2007)
777. **“Polarization of J/ψ and ψ_{2S} mesons produced in $p\bar{p}$ collisions at $\sqrt{s} = 1.96\text{-TeV}$ ”** , A. Abulencia *et al.* [CDF Collaboration] , arXiv:0704.0638 [hep-ex] , 10.1103/PhysRevLett.99.132001 , Phys. Rev. Lett. **99**, 132001 (2007)
778. **“Precise measurement of the top quark mass in the lepton+jets topology at CDF II”** , A. Abulencia *et al.* [CDF Collaboration] , hep-ex/0703045 , 10.1103/PhysRevLett.99.182002 , Phys. Rev. Lett. **99**, 182002 (2007)
779. **“Measurement of $\sigma_{\chi_{c2}}\mathcal{B}(\chi_{c2} \rightarrow J/\psi\gamma)/\sigma_{\chi_{c1}}\mathcal{B}(\chi_{c1} \rightarrow J/\psi\gamma)$ in $p\bar{p}$ collisions at $\sqrt{s} = 1.96\text{-TeV}$ ”** , A. Abulencia *et al.* [CDF Collaboration] , hep-ex/0703028 [HEP-EX] , 10.1103/PhysRevLett.98.232001 , Phys. Rev. Lett. **98**, 232001 (2007)
780. **“Inclusive search for new physics with like-sign dilepton events in $p\bar{p}$ collisions at $\sqrt{s} = 1.96\text{-TeV}$ ”** , A. Abulencia *et al.* [CDF Collaboration] , hep-ex/0702051 , 10.1103/PhysRevLett.98.221803 , Phys. Rev. Lett. **98**, 221803 (2007)
781. **“Measurement of $\sigma(p\bar{p} \rightarrow Z)\cdot\text{Br}(Z \rightarrow 2\tau)$ in $p\bar{p}$ collisions at $\sqrt{s} = 1.96\text{ TeV}$ ”** , A. Abulencia *et al.* [CDF Collaboration] , 10.1103/PhysRevD.75.092004 , Phys. Rev. D **75**, 092004 (2007).
782. **“First Measurement of the Ratio of Central-Electron to Forward-Electron W Partial Cross Sections in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96\text{ TeV}$ ”** , A. Abulencia *et al.* [CDF Collaboration] , hep-ex/0702037 , 10.1103/PhysRevLett.98.251801 , Phys. Rev. Lett. **98**, 251801 (2007)
783. **“Search for new physics in lepton + photon + X events with 929 pb⁽⁻¹⁾ of $p\bar{p}$ collisions at $\sqrt{s} = 1.96\text{-TeV}$ ”** , A. Abulencia *et al.* [CDF Collaboration] , hep-ex/0702029 , 10.1103/PhysRevD.75.112001 , Phys. Rev. D **75**, 112001 (2007)
784. **“Observation of WZ Production”** , A. Abulencia *et al.* [CDF Collaboration] , hep-ex/0702027 , 10.1103/PhysRevLett.98.161801 , Phys. Rev. Lett. **98**, 161801 (2007)
785. **“Measurement of the Inclusive Jet Cross Section using the k_T algorithm in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96\text{ TeV}$ with the CDF II Detector”** , A. Abulencia *et al.* [CDF Collaboration] , hep-ex/0701051 , 10.1103/PhysRevD.75.119901 , 10.1103/PhysRevD.75.092006 , Phys. Rev. D **75**, 092006 (2007), Erratum: [Phys. Rev. D **75**, 119901 (2007)]
786. **“Search for anomalous production of multi-lepton events in $p\bar{p}$ collisions at $\sqrt{s} = 1.96\text{-TeV}$ ”** , A. Abulencia *et al.* [CDF Collaboration] , arXiv:0706.4448 [hep-ex] , 10.1103/PhysRevLett.98.131804 , Phys. Rev. Lett. **98**, 131804 (2007)
787. **“Search for Exotic $S=-2$ Baryons in proton-antiproton Collisions at $\sqrt{s} = 1.96\text{ TeV}$ ”** , A. Abulencia *et al.* [CDF Collaboration] , hep-ex/0612066 , 10.1103/PhysRevD.75.032003 , Phys. Rev. D **75**, 032003 (2007)
788. **“Measurement of the Top Quark Mass in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96\text{ TeV}$ using the Decay Length Technique”** , A. Abulencia *et al.* [CDF Collaboration] , hep-ex/0612061 , 10.1103/PhysRevD.75.071102 , Phys. Rev. D **75**, 071102 (2007)
789. **“Precision measurement of the top quark mass from dilepton events at CDF II”** , A. Abulencia *et al.* [CDF Collaboration] , hep-ex/0612060 , 10.1103/PhysRevD.75.031105 , Phys. Rev. D **75**, 031105 (2007)
790. **“Cross Section Measurements of High-p(T) Dilepton Final-State Processes Using a Global Fitting Method”** , A. Abulencia *et al.* [CDF Collaboration] , hep-ex/0612058 , 10.1103/PhysRevD.78.012003 , Phys. Rev. D **78**, 012003 (2008)
791. **“Analysis of the quantum numbers J^{PC} of the $X(3872)$ ”** , A. Abulencia *et al.* [CDF Collaboration] , hep-ex/0612053 , 10.1103/PhysRevLett.98.132002 , Phys. Rev. Lett. **98**, 132002 (2007)

792. **“CDF II production farm project”** , A. Baranovski *et al.* [CDF Collaboration] , 10.1016/j.nima.2006.11.048 , Nucl. Instrum. Meth. A **572**, 399 (2007).
793. **“Measurement of the top-quark mass in all-hadronic decays in $p\bar{p}$ collisions at CDF II”** , T. Aaltonen *et al.* [CDF Collaboration] , hep-ex/0612026 , 10.1103/PhysRevLett.98.142001 , Phys. Rev. Lett. **98**, 142001 (2007)
794. **“Measurement of the B^+ production cross-section in $p\bar{p}$ collisions at $\sqrt{s} = 1960\text{-GeV}$ ”** , A. Abulencia *et al.* [CDF Collaboration] , hep-ex/0612015 , 10.1103/PhysRevD.75.012010 , Phys. Rev. D **75**, 012010 (2007)
795. **“Measurement of the Helicity Fractions of W Bosons from Top Quark Decays using Fully Reconstructed $t\bar{t}$ Events with CDF II”** , A. Abulencia *et al.* [CDF Collaboration] , hep-ex/0612011 , 10.1103/PhysRevD.75.052001 , Phys. Rev. D **75**, 052001 (2007)
796. **“Observation of Exclusive Electron-Positron Production in Hadron-Hadron Collisions”** , A. Abulencia *et al.* [CDF Collaboration] , hep-ex/0611040 , 10.1103/PhysRevLett.98.112001 , Phys. Rev. Lett. **98**, 112001 (2007)
797. **“Search for W-prime boson decaying to electron-neutrino pairs in $p\bar{p}$ collisions at $\sqrt{s} = 1.96\text{-TeV}$ ”** , A. Abulencia *et al.* [CDF Collaboration] , hep-ex/0611022 , 10.1103/PhysRevD.75.091101 , Phys. Rev. D **75**, 091101 (2007)
798. **“Measurement of the Ratios of Branching Fractions $B(B_s^0 \rightarrow D_s^- \pi^+ \pi^+ \pi^-)/B(B_0 \rightarrow D^- \pi^+ \pi^+ \pi^-)$ and $B(B_0^s \rightarrow D_s^- \pi^+)/B(B_0 \rightarrow D^- \pi^+)$ ”** , A. Abulencia *et al.* [CDF Collaboration] , hep-ex/0610045 , 10.1103/PhysRevLett.98.061802 , Phys. Rev. Lett. **98**, 061802 (2007)
799. **“Observation of $B_s^0 - \bar{B}_s^0$ Oscillations”** , A. Abulencia *et al.* [CDF Collaboration] , hep-ex/0609040 , 10.1103/PhysRevLett.97.242003 , Phys. Rev. Lett. **97**, 242003 (2006)
800. **“Measurement of the Λ_b^0 Lifetime in $\Lambda_b^0 \rightarrow J/\psi \Lambda^0$ in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96\text{-TeV}$ ”** , A. Abulencia *et al.* [CDF Collaboration] , hep-ex/0609021 , 10.1103/PhysRevLett.98.122001 , Phys. Rev. Lett. **98**, 122001 (2007)
801. **“Search for V+A current in top quark decay in $p\bar{p}$ collisions at $\sqrt{s} = 1.96\text{-TeV}$ ”** , A. Abulencia *et al.* [CDF Collaboration] , hep-ex/0608062 , 10.1103/PhysRevLett.98.072001 , Phys. Rev. Lett. **98**, 072001 (2007)
802. **“Measurement of the $t\bar{t}$ Production Cross Section in $p\bar{p}$ collisions at $\sqrt{s} = 1.96\text{-TeV}$ in the All Hadronic Decay Mode”** , A. Abulencia *et al.* [CDF Collaboration] , hep-ex/0607095 , 10.1103/PhysRevD.74.072005 , Phys. Rev. D **74**, 072005 (2006)
803. **“Measurement of the $t\bar{t}$ Production Cross Section in $p\bar{p}$ collisions at $\sqrt{s} = 1.96\text{-TeV}$ using Lepton + Jets Events with Jet Probability b^- tagging”** , A. Abulencia *et al.* [CDF Collaboration] , hep-ex/0607035 , 10.1103/PhysRevD.74.072006 , Phys. Rev. D **74**, 072006 (2006)
804. **“Observation of $B^0(s) \rightarrow K^+ K^-$ and Measurements of Branching Fractions of Charmless Two-body Decays of B^0 and B_s^0 Mesons in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96\text{-TeV}$ ”** , A. Abulencia *et al.* [CDF Collaboration] , hep-ex/0607021 , 10.1103/PhysRevLett.97.211802 , Phys. Rev. Lett. **97**, 211802 (2006)
805. **“Search for excited and exotic muons in the $\mu\gamma$ decay channel in $p\bar{p}$ collisions at $\sqrt{s} = 1.96\text{-TeV}$ ”** , A. Abulencia *et al.* [CDF Collaboration] , hep-ex/0606043 , 10.1103/PhysRevLett.97.191802 , Phys. Rev. Lett. **97**, 191802 (2006)
806. **“Measurement of the $B_s^0 - \bar{B}_s^0$ Oscillation Frequency”** , A. Abulencia *et al.* [CDF Collaboration] , hep-ex/0606027 , 10.1103/PhysRevLett.97.062003 , Phys. Rev. Lett. **97**, 062003 (2006)
807. **“Measurement of the $t\bar{t}$ Production Cross Section in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96\text{ TeV}$ ”** , A. Abulencia *et al.* [CDF Collaboration] , hep-ex/0606017 , 10.1103/PhysRevLett.97.082004 , Phys. Rev. Lett. **97**, 082004 (2006)

808. **“Data processing model for the CDF experiment”** , J. Antos *et al.* [CDF Collaboration] , physics/0606042 [physics.ins-det] , 10.1109/TNS.2006.881908 , IEEE Trans. Nucl. Sci. **53**, 2897 (2006)
809. **“Search for a neutral Higgs boson decaying to a W boson pair in p antip collisions at $\sqrt{s} = 1.96\text{-TeV}$ ”** , A. Abulencia *et al.* [CDF Collaboration] , hep-ex/0605124 , 10.1103/PhysRevLett.97.081802 , Phys. Rev. Lett. **97**, 081802 (2006)
810. **“Top quark mass measurement from dilepton events at CDF II with the matrix-element method”** , A. Abulencia *et al.* [CDF Collaboration] , hep-ex/0605118 , 10.1103/PhysRevD.74.032009 , Phys. Rev. D **74**, 032009 (2006)
811. **“Measurement of the b jet cross-section in events with a Z boson in $p\bar{p}$ collisions at $\sqrt{s} = 1.96\text{-TeV}$ ”** , A. Abulencia *et al.* [CDF Collaboration] , hep-ex/0605099 , 10.1103/PhysRevD.74.032008 , Phys. Rev. D **74**, 032008 (2006)
812. **“Search for new physics in lepton + photon + X events with 305 pb^{-1} of $p\bar{p}$ collisions at $\sqrt{s} = 1.96\text{-TeV}$ ”** , A. Abulencia *et al.* [CDF Collaboration] , hep-ex/0605097 , 10.1103/PhysRevLett.97.031801 , Phys. Rev. Lett. **97**, 031801 (2006)
813. **“Measurement of the ratio of branching fractions $B(D^0 \rightarrow K^+\pi^-) / B(D^0 \rightarrow K^-\pi^+)$ using the CDF II Detector”** , A. Abulencia *et al.* [CDF Collaboration] , hep-ex/0605027 , 10.1103/PhysRevD.74.031109 , Phys. Rev. D **74**, 031109 (2006)
814. **“Search for Large Extra Dimensions in the Production of Jets and Missing Transverse Energy in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96\text{ TeV}$ ”** , A. Abulencia *et al.* [CDF Collaboration] , hep-ex/0605101 , 10.1103/PhysRevLett.97.171802 , Phys. Rev. Lett. **97**, 171802 (2006)
815. **“Measurement of the $t\bar{t}$ production cross section in $p\bar{p}$ collisions at $\sqrt{s} = 1.96\text{-TeV}$ using missing E_T + jets events with secondary vertex b -tagging”** , A. Abulencia *et al.* [CDF Collaboration] , hep-ex/0603043 , 10.1103/PhysRevLett.96.202002 , Phys. Rev. Lett. **96**, 202002 (2006)
816. **“Measurement of the B_c^+ meson lifetime using $B_c^+ \rightarrow J/\psi e^+ \nu_e$ ”** , A. Abulencia *et al.* [CDF Collaboration] , hep-ex/0603027 , 10.1103/PhysRevLett.97.012002 , Phys. Rev. Lett. **97**, 012002 (2006)
817. **“Search for high-mass resonances decaying to $e\mu$ in $p\bar{p}$ collisions at $\sqrt{s} = 1.96\text{-TeV}$.”** , A. Abulencia *et al.* [CDF Collaboration] , hep-ex/0603006 , 10.1103/PhysRevLett.96.211802 , Phys. Rev. Lett. **96**, 211802 (2006)
818. **“Search for $Z' \rightarrow e^+e^-$ using dielectron mass and angular distribution.”** , A. Abulencia *et al.* [CDF Collaboration] , hep-ex/0602045 , 10.1103/PhysRevLett.96.211801 , Phys. Rev. Lett. **96**, 211801 (2006)
819. **“Measurement of the top quark mass using template methods on dilepton events in proton antiproton collisions at $\sqrt{s} = 1.96\text{-TeV}$.”** , A. Abulencia *et al.* [CDF Collaboration] , hep-ex/0602008 , 10.1103/PhysRevD.73.112006 , Phys. Rev. D **73**, 112006 (2006)
820. **“Observation of $B_s^0 \rightarrow \psi(2S)\phi$ and measurement of ratio of branching fractions $B(B_s^0 \rightarrow \psi(2S)\phi)/B(B_s^0 \rightarrow J/\psi\phi)$ ”** , A. Abulencia *et al.* [CDF Collaboration] , hep-ex/0602005 , 10.1103/PhysRevLett.96.231801 , Phys. Rev. Lett. **96**, 231801 (2006)
821. **“Measurement of $\sigma(\Lambda_b^0)/\sigma(\bar{B}^0) \times \text{BR}(\Lambda_b^0 \rightarrow \Lambda_c^+ \pi^-)/\text{BR}(\bar{B}^0 \rightarrow D^+ \pi^-)$ in $p\bar{p}$ collisions at $\sqrt{s} = 1.96\text{-TeV}$.”** , A. Abulencia *et al.* [CDF Collaboration] , hep-ex/0601003 , 10.1103/PhysRevLett.98.122002 , Phys. Rev. Lett. **98**, 122002 (2007)
822. **“Measurement of the dipion mass spectrum in $X(3872) \rightarrow J/\psi \pi^+ \pi^-$ decays.”** , A. Abulencia *et al.* [CDF Collaboration] , hep-ex/0512074 , 10.1103/PhysRevLett.96.102002 , Phys. Rev. Lett. **96**, 102002 (2006)
823. **“A search for scalar bottom quarks from gluino decays in $p\bar{p}$ collisions at $\sqrt{s} = 1.96\text{-TeV}$.”** , A. Abulencia *et al.* [CDF Collaboration] , hep-ex/0512072 , 10.1103/PhysRevLett.96.171802 , Phys. Rev. Lett. **96**, 171802 (2006)

824. **“Top quark mass measurement from dilepton events at CDF II”** , A. Abulencia *et al.* [CDF Collaboration] , hep-ex/0512070 , 10.1103/PhysRevLett.96.152002 , Phys. Rev. Lett. **96**, 152002 (2006)
825. **“Measurement of mass and width of the excited charmed meson states D0(1) and D*0(2) at CDF”** , A. Abulencia *et al.* [CDF Collaboration] , hep-ex/0512069 , 10.1103/PhysRevD.73.051104 , Phys. Rev. D **73**, 051104 (2006)
826. **“Search for anomalous semileptonic decay of heavy flavor hadrons produced in association with a W boson at CDF II”** , A. Abulencia *et al.* [CDF Collaboration] , hep-ex/0512065 , 10.1103/PhysRevD.73.051101 , Phys. Rev. D **73**, 051101 (2006)
827. **“Measurement of the inclusive jet cross section using the k(t) algorithm in $p\bar{p}$ collisions at $\sqrt{s} = 1.96\text{-TeV}$.”** , A. Abulencia *et al.* [CDF Collaboration] , hep-ex/0512062 , 10.1103/PhysRevLett.96.122001 , Phys. Rev. Lett. **96**, 122001 (2006)
828. **“Search for H to b anti-b produced in association with W bosons in $p\bar{p}$ collisions at $\sqrt{s} = 1.96\text{-TeV}$.”** , A. Abulencia *et al.* [CDF Collaboration] , hep-ex/0512051 , 10.1103/PhysRevLett.96.081803 , Phys. Rev. Lett. **96**, 081803 (2006)
829. **“Search for second-generation scalar leptoquarks in $p\bar{p}$ collisions at $\sqrt{s} = 1.96\text{-TeV}$.”** , A. Abulencia *et al.* [CDF Collaboration] , hep-ex/0512055 , 10.1103/PhysRevD.73.051102 , Phys. Rev. D **73**, 051102 (2006)
830. **“Measurement of the inclusive jet cross section in $p\bar{p}$ interactions at $\sqrt{s} = 1.96\text{-TeV}$ using a cone-based jet algorithm.”** , A. Abulencia *et al.* [CDF Collaboration] , hep-ex/0512020 , 10.1103/PhysRevD.74.071103 , Phys. Rev. D **74**, 071103 (2006)
831. **“Measurement of the top quark mass with the dynamical likelihood method using lepton plus jets events with b-tags in $p\bar{p}$ collisions at $\sqrt{s} = 1.96\text{-TeV}$.”** , A. Abulencia *et al.* [CDF Collaboration] , hep-ex/0512009 , 10.1103/PhysRevD.73.092002 , Phys. Rev. D **73**, 092002 (2006)
832. **“Measurement of the helicity of W bosons in top-quark decays”** , A. Abulencia *et al.* [CDF Collaboration] , hep-ex/0511023 , 10.1103/PhysRevD.73.111103 , Phys. Rev. D **73**, 111103 (2006)
833. **“Search for charged Higgs bosons from top quark decays in $p\bar{p}$ collisions at $\sqrt{s} = 1.96\text{-TeV}$.”** , A. Abulencia *et al.* [CDF Collaboration] , hep-ex/0510065 , 10.1103/PhysRevLett.96.042003 , Phys. Rev. Lett. **96**, 042003 (2006)
834. **“A search for $t \rightarrow \tau \nu q$ in $t\bar{t}$ production.”** , A. Abulencia *et al.* [CDF Collaboration] , hep-ex/0510063 , 10.1016/j.physletb.2006.06.030 , Phys. Lett. B **639**, 172 (2006)
835. **“Precision top quark mass measurement in the lepton + jets topology in $p\bar{p}$ collisions at $\sqrt{s} = 1.96\text{-TeV}$.”** , A. Abulencia *et al.* [CDF Collaboration] , hep-ex/0510049 , 10.1103/PhysRevLett.96.022004 , Phys. Rev. Lett. **96**, 022004 (2006)
836. **“Top quark mass measurement using the template method in the lepton + jets channel at CDF II”** , A. Abulencia *et al.* [CDF Collaboration] , hep-ex/0510048 , 10.1103/PhysRevD.73.032003 , Phys. Rev. D **73**, 032003 (2006)
837. **“Direct search for Dirac magnetic monopoles in $p\bar{p}$ collisions at $\sqrt{s} = 1.96\text{ TeV}$ ”** , A. Abulencia *et al.* [CDF Collaboration] , hep-ex/0509015 , 10.1103/PhysRevLett.96.201801 , Phys. Rev. Lett. **96**, 201801 (2006)
838. **“Search for neutral MSSM Higgs bosons decaying to tau pairs in $p\bar{p}$ collisions at $\sqrt{s} = 1.96\text{ TeV}$ ”** , A. Abulencia *et al.* [CDF Collaboration] , hep-ex/0508051 , 10.1103/PhysRevLett.96.011802 , Phys. Rev. Lett. **96**, 011802 (2006)
839. **“Search for $B_s \rightarrow \mu^+ \mu^-$ and $B_d \rightarrow \mu^+ \mu^-$ decays in $p\bar{p}$ collisions with CDF II”** , A. Abulencia *et al.* [CDF Collaboration] , hep-ex/0508036 , 10.1103/PhysRevLett.95.221805 , Phys. Rev. Lett. **95**, 221805 (2005), Erratum: [Phys. Rev. Lett. **95**, 249905 (2005)]
840. **“Measurements of inclusive W and Z cross sections in $p\bar{p}$ collisions at $\sqrt{s} = 1.96\text{-TeV}$ ”** , A. Abulencia *et al.* [CDF Collaboration] , hep-ex/0508029 , 10.1088/0954-3899/34/12/001 , J. Phys. G **34**, 2457 (2007)

841. **“Measurement of b hadron masses in exclusive J/ψ decays with the CDF detector”** , D. Acosta *et al.* [CDF Collaboration] , hep-ex/0508022 , 10.1103/PhysRevLett.96.202001 , Phys. Rev. Lett. **96**, 202001 (2006)
842. **“Measurement of the ratios of branching fractions $B(B_s^0 \rightarrow D_s^- \pi^+)/B(B^0 \rightarrow D^- \pi^+)$ and $B(B^+ \rightarrow \bar{D}^0 \pi^+)/B(B^0 \rightarrow D^- \pi^+)$ ”** , A. Abulencia *et al.* [CDF Collaboration] , hep-ex/0508014 , 10.1103/PhysRevLett.96.191801 , Phys. Rev. Lett. **96**, 191801 (2006)
843. **“The Upgraded D0 detector”** , V. M. Abazov *et al.* [D0 Collaboration] , physics/0507191 [physics.ins-det] , 10.1016/j.nima.2006.05.248 , Nucl. Instrum. Meth. A **565**, 463 (2006)
844. **“Search for new high mass particles decaying to lepton pairs in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”** , A. Abulencia *et al.* [CDF Collaboration] , hep-ex/0507104 , 10.1103/PhysRevLett.95.252001 , Phys. Rev. Lett. **95**, 252001 (2005)
845. **“Search for $\Lambda_b \rightarrow p\pi$ and $\Lambda_b \rightarrow pK$ decays in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”** , D. Acosta *et al.* [CDF Collaboration] , hep-ex/0507067 , 10.1103/PhysRevD.72.051104 , Phys. Rev. D **72**, 051104 (2005)
846. **“Search for first-generation scalar leptoquarks in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”** , D. Acosta *et al.* [CDF Collaboration] , hep-ex/0506074 , 10.1103/PhysRevD.72.051107 , Phys. Rev. D **72**, 051107 (2005)
847. **“Search for new physics using high mass tau pairs from 1.96 TeV $p\bar{p}$ collisions”** , D. Acosta *et al.* [CDF Collaboration] , hep-ex/0506034 , 10.1103/PhysRevLett.95.131801 , Phys. Rev. Lett. **95**, 131801 (2005)
848. **“Measurement of the $t\bar{t}$ production cross section in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV using lepton plus jets events with semileptonic B decays to muons”** , D. Acosta *et al.* [CDF Collaboration] , hep-ex/0506001 , 10.1103/PhysRevD.72.032002 , Phys. Rev. D **72**, 032002 (2005)
849. **“Measurement of $B(t \rightarrow Wb)/B(t \rightarrow Wq)$ at the Collider Detector at Fermilab”** , D. Acosta *et al.* [CDF Collaboration] , hep-ex/0505091 , 10.1103/PhysRevLett.95.102002 , Phys. Rev. Lett. **95**, 102002 (2005)
850. **“Evidence for the exclusive decay $B_c^\pm \rightarrow J/\psi \pi^\pm$ and measurement of the mass of the B_c meson”** , A. Abulencia *et al.* [CDF Collaboration] , hep-ex/0505076 , 10.1103/PhysRevLett.96.082002 , Phys. Rev. Lett. **96**, 082002 (2006)
851. **“Status and plans of the Tevatron Electroweak Working Group”** , A. Kotwal [Tevatron Electroweak Working Group Collaboration] , 10.1063/1.1896697 , AIP Conf. Proc. **753**, 149 (2005).
852. **“Study of jet shapes in inclusive jet production in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”** , D. Acosta *et al.* [CDF Collaboration] , hep-ex/0505013 , 10.1103/PhysRevD.71.112002 , Phys. Rev. D **71**, 112002 (2005)
853. **“Measurement of the cross section for $t\bar{t}$ production in $p\bar{p}$ collisions using the kinematics of lepton + jets events”** , D. Acosta *et al.* [CDF Collaboration] , hep-ex/0504053 , 10.1103/PhysRevD.72.052003 , Phys. Rev. D **72**, 052003 (2005)
854. **“Inside-out tracking at CDF”** , C. P. Hays *et al.* , 10.1016/j.nima.2004.08.104 , Nucl. Instrum. Meth. A **538**, 249 (2005).
855. **“Search for long-lived doubly-charged Higgs bosons in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”** , D. Acosta *et al.* [CDF Collaboration] , hep-ex/0503004 , 10.1103/PhysRevLett.95.071801 , Phys. Rev. Lett. **95**, 071801 (2005)
856. **“First evidence for $B_s^0 \rightarrow \phi\phi$ decay and measurements of branching ratio and A_{CP} for $B^+ \rightarrow \phi K^+$ ”** , D. Acosta *et al.* [CDF Collaboration] , hep-ex/0502044 , 10.1103/PhysRevLett.95.031801 , Phys. Rev. Lett. **95**, 031801 (2005)

857. **“Measurement of the moments of the hadronic invariant mass distribution in semileptonic B decays”** , D. Acosta *et al.* [CDF Collaboration] , hep-ex/0502003 , 10.1103/PhysRevD.71.051103 , Phys. Rev. D **71**, 051103 (2005)
858. **“Measurement of the W^+W^- production cross section in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV using dilepton events”** , D. Acosta *et al.* [CDF Collaboration] , hep-ex/0501050 , 10.1103/PhysRevLett.94.211801 , Phys. Rev. Lett. **94**, 211801 (2005)
859. **“Measurement of the forward-backward charge asymmetry from $W \rightarrow e\nu$ production in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”** , D. Acosta *et al.* [CDF Collaboration] , hep-ex/0501023 , 10.1103/PhysRevD.71.051104 , Phys. Rev. D **71**, 051104 (2005)
860. **“Search for ZZ and ZW production in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”** , D. Acosta *et al.* [CDF Collaboration] , hep-ex/0501021 , 10.1103/PhysRevD.71.091105 , Phys. Rev. D **71**, 091105 (2005)
861. **“Measurement of the J/ψ meson and b -hadron production cross sections in $p\bar{p}$ collisions at $\sqrt{s} = 1960$ GeV”** , D. Acosta *et al.* [CDF Collaboration] , hep-ex/0412071 , 10.1103/PhysRevD.71.032001 , Phys. Rev. D **71**, 032001 (2005)
862. **“Measurement of the lifetime difference between B_s mass eigenstates”** , D. Acosta *et al.* [CDF Collaboration] , hep-ex/0412057 , 10.1103/PhysRevLett.94.101803 , Phys. Rev. Lett. **94**, 101803 (2005)
863. **“Measurement of the cross section for prompt diphoton production in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”** , D. Acosta *et al.* [CDF Collaboration] , hep-ex/0412050 , 10.1103/PhysRevLett.95.022003 , Phys. Rev. Lett. **95**, 022003 (2005)
864. **“Search for anomalous kinematics in $t\bar{t}$ dilepton events at CDF II”** , D. Acosta *et al.* [CDF Collaboration] , hep-ex/0412042 , 10.1103/PhysRevLett.95.022001 , Phys. Rev. Lett. **95**, 022001 (2005)
865. **“Measurement of the forward-backward charge asymmetry of electron positron pairs in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”** , D. Acosta *et al.* [CDF Collaboration] , hep-ex/0411059 , 10.1103/PhysRevD.71.052002 , Phys. Rev. D **71**, 052002 (2005)
866. **“Search for scalar leptoquark pairs decaying to $\nu\bar{\nu}q\bar{q}$ in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”** , D. Acosta *et al.* [CDF Collaboration] , hep-ex/0410076 , 10.1103/PhysRevD.71.112001 , 10.1103/PhysRevD.71.119901 , Phys. Rev. D **71**, 112001 (2005), Erratum: [Phys. Rev. D **71**, 119901 (2005)]
867. **“Search for electroweak single top quark production in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”** , D. Acosta *et al.* [CDF Collaboration] , hep-ex/0410058 , 10.1103/PhysRevD.71.012005 , Phys. Rev. D **71**, 012005 (2005)
868. **“Search for anomalous production of diphoton events with missing transverse energy at CDF and limits on gauge-mediated supersymmetry-breaking models”** , D. Acosta *et al.* [CDF Collaboration] , hep-ex/0410053 , 10.1103/PhysRevD.71.031104 , Phys. Rev. D **71**, 031104 (2005)
869. **“Measurement of the $t\bar{t}$ production cross section in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV using lepton + jets events with secondary vertex b -tagging”** , D. Acosta *et al.* [CDF Collaboration] , hep-ex/0410041 , 10.1103/PhysRevD.71.052003 , Phys. Rev. D **71**, 052003 (2005)
870. **“Measurement of partial widths and search for direct CP violation in D^0 meson decays to K^-K^+ and $\pi^-\pi^+$ ”** , D. Acosta *et al.* [CDF Collaboration] , hep-ex/0504006 , 10.1103/PhysRevLett.94.122001 , Phys. Rev. Lett. **94**, 122001 (2005)
871. **“Search for excited and exotic electrons in the $e\gamma$ decay channel in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”** , D. Acosta *et al.* [CDF Collaboration] , hep-ex/0410013 , 10.1103/PhysRevLett.94.101802 , Phys. Rev. Lett. **94**, 101802 (2005)
872. **“Measurement of $W\gamma$ and $Z\gamma$ production in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”** , D. Acosta *et al.* [CDF Collaboration] , hep-ex/0410008 , 10.1103/PhysRevLett.94.041803 , Phys. Rev. Lett. **94**, 041803 (2005)

873. **“Measurement of the B_s^0 lifetime in the exclusive decay channel $B_s^0 \rightarrow J/\psi\phi$ ”**, V. M. Abazov *et al.* [D0 Collaboration], hep-ex/0409043, 10.1103/PhysRevLett.94.042001, Phys. Rev. Lett. **94**, 042001 (2005)
874. **“Measurement of dijet azimuthal decorrelations at central rapidities in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”**, V. M. Abazov *et al.* [D0 Collaboration], hep-ex/0409040, 10.1103/PhysRevLett.94.221801, Phys. Rev. Lett. **94**, 221801 (2005)
875. **“Measurement of the $t\bar{t}$ production cross section in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV using kinematic fitting of b -tagged lepton + jet events”**, D. Acosta *et al.* [CDF Collaboration], hep-ex/0409029, 10.1103/PhysRevD.71.072005, Phys. Rev. D **71**, 072005 (2005)
876. **“Search for supersymmetry with gauge-mediated breaking in diphoton events at D0”**, V. M. Abazov *et al.* [D0 Collaboration], hep-ex/0408146, 10.1103/PhysRevLett.94.041801, Phys. Rev. Lett. **94**, 041801 (2005)
877. **“First measurements of inclusive W and Z cross sections from Run II of the Tevatron collider”**, D. Acosta *et al.* [CDF Collaboration], hep-ex/0406078, 10.1103/PhysRevLett.94.091803, Phys. Rev. Lett. **94**, 091803 (2005)
878. **“Search for doubly-charged Higgs bosons decaying to dileptons in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”**, D. Acosta *et al.* [CDF Collaboration], hep-ex/0406073, 10.1103/PhysRevLett.93.221802, Phys. Rev. Lett. **93**, 221802 (2004)
879. **“Observation and properties of the $X(3872)$ decaying to $J/\psi\pi^+\pi^-$ in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”**, V. M. Abazov *et al.* [D0 Collaboration], hep-ex/0405004, 10.1103/PhysRevLett.93.162002, Phys. Rev. Lett. **93**, 162002 (2004)
880. **“Measurement of the $t\bar{t}$ production cross section in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV using dilepton events”**, D. Acosta *et al.* [CDF Collaboration], hep-ex/0404036, 10.1103/PhysRevLett.93.142001, Phys. Rev. Lett. **93**, 142001 (2004)
881. **“Search for doubly-charged Higgs boson pair production in the decay to $\mu^+\mu^+\mu^-\mu^-$ in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”**, V. M. Abazov *et al.* [D0 Collaboration], hep-ex/0404015, 10.1103/PhysRevLett.93.141801, Phys. Rev. Lett. **93**, 141801 (2004)
882. **“Search for $B_s^0 \rightarrow \mu^+\mu^-$ and $B_d^0 \rightarrow \mu^+\mu^-$ decays in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”**, D. Acosta *et al.* [CDF Collaboration], hep-ex/0403032, 10.1103/PhysRevLett.93.032001, Phys. Rev. Lett. **93**, 032001 (2004)
883. **“Observation of the narrow state $X(3872) \rightarrow J/\psi\pi^+\pi^-$ in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”**, D. Acosta *et al.* [CDF Collaboration], hep-ex/0312021, 10.1103/PhysRevLett.93.072001, Phys. Rev. Lett. **93**, 072001 (2004)
884. **“Combination of CDF and D0 Results on W Boson Mass and Width”**, V. M. Abazov *et al.* [CDF and D0 Collaborations], hep-ex/0311039, 10.1103/PhysRevD.70.092008, Phys. Rev. D **70**, 092008 (2004)
885. **“CDF central outer tracker”**, A. A. Affolder *et al.* [CDF Collaboration], 10.1016/j.nima.2004.02.020, Nucl. Instrum. Meth. A **526**, 249 (2004).
886. **“Search for the flavor-changing neutral current decay $D^0 \rightarrow \mu^+\mu^-$ in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”**, D. Acosta *et al.* [CDF Collaboration], hep-ex/0308059, 10.1103/PhysRevD.68.091101, Phys. Rev. D **68**, 091101 (2003)
887. **“Measurement of the mass difference $m(D_s^+) - m(D^+)$ at CDF II”**, D. Acosta *et al.* [CDF Collaboration], hep-ex/0310043, 10.1103/PhysRevD.68.072004, Phys. Rev. D **68**, 072004 (2003)
888. **“Identification of cosmic rays using drift chamber hit timing”**, A. V. Kotwal, H. K. Gerberich and C. P. Hays, 10.1016/S0168-9002(03)01371-8, Nucl. Instrum. Meth. A **506**, 110 (2003).
889. **“Measurement of prompt charm meson production cross sections in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”**, D. Acosta *et al.* [CDF Collaboration], hep-ex/0307080, 10.1103/PhysRevLett.91.241804, Phys. Rev. Lett. **91**, 241804 (2003)

890. **“Black hole relics in large extra dimensions”** , S. Hossenfelder, M. Bleicher, S. Hofmann, H. Stoecker and A. V. Kotwal. , hep-ph/0302247 , 10.1016/S0370-2693(03)00835-9 , Phys. Lett. B **566**, 233 (2003)
891. **“Production and decay of spinning black holes at colliders and tests of black hole dynamics”** , A. V. Kotwal and C. P. Hays. , hep-ph/0206055 , 10.1103/PhysRevD.66.116005 , Phys. Rev. D **66**, 116005 (2002)
892. **“ $t\bar{t}$ production cross-section in $p\bar{p}$ collisions at $\sqrt{s} = 1.8\text{-TeV}$ ”** , V. M. Abazov *et al.* [D0 Collaboration] , hep-ex/0205019 , 10.1103/PhysRevD.67.012004 , Phys. Rev. D **67**, 012004 (2003)
893. **“Search for mSUGRA in single electron events with jets and large missing transverse energy in $p\bar{p}$ collisions at $\sqrt{s} = 1.8\text{ TeV}$ ”** , V. M. Abazov *et al.* [D0 Collaboration] , hep-ex/0205002 , 10.1103/PhysRevD.66.112001 , Phys. Rev. D **66**, 112001 (2002)
894. **“Improved W boson mass measurement with the DØ detector”** , V. M. Abazov *et al.* [D0 Collaboration] , hep-ex/0204014 , 10.1103/PhysRevD.66.012001 , Phys. Rev. D **66**, 012001 (2002)
895. **“A direct measurement of W boson decay width”** , V. M. Abazov *et al.* [D0 Collaboration] , hep-ex/0204009 , 10.1103/PhysRevD.66.032008 , Phys. Rev. D **66**, 032008 (2002)
896. **“Search for R -parity violating supersymmetry in dimuon and four-jets channel”** , V. M. Abazov *et al.* [D0 Collaboration] , hep-ex/0111053 , 10.1103/PhysRevLett.89.171801 , Phys. Rev. Lett. **89**, 171801 (2002)
897. **“Search for leptoquark pairs decaying to $\nu\nu$ + jets in $p\bar{p}$ collisions at $\sqrt{s} = 1.8\text{ TeV}$ ”** , V. M. Abazov *et al.* [D0 Collaboration] , hep-ex/0111047 , 10.1103/PhysRevLett.88.191801 , Phys. Rev. Lett. **88**, 191801 (2002)
898. **“The inclusive jet cross-section in $p\bar{p}$ collisions at $\sqrt{s} = 1.8\text{ TeV}$ using the k_T algorithm”** , V. M. Abazov *et al.* [D0 Collaboration] , hep-ex/0109041 , 10.1016/S0370-2693(01)01441-1 , Phys. Lett. B **525**, 211 (2002)
899. **“ W boson physics at hadron colliders”** , R. M. Thurman-Keup, A. V. Kotwal, M. Tecchio and A. Byon-Wagner. , 10.1103/RevModPhys.73.267 , Rev. Mod. Phys. **73**, 267 (2001).
900. **“Subjet multiplicity of gluon and quark jets reconstructed with the k_T algorithm in $p\bar{p}$ collisions”** , V. M. Abazov *et al.* [D0 Collaboration] , hep-ex/0108054 , 10.1103/PhysRevD.65.052008 , Phys. Rev. D **65**, 052008 (2002)
901. **“A search for the scalar top quark in $p\bar{p}$ collisions at $\sqrt{s} = 1.8\text{ TeV}$ ”** , V. M. Abazov *et al.* [D0 Collaboration] , hep-ex/0108018 , 10.1103/PhysRevLett.88.171802 , Phys. Rev. Lett. **88**, 171802 (2002)
902. **“Measurement of the ratio of differential cross sections for W and Z boson production as a function of transverse momentum in $p\bar{p}$ collisions at $\sqrt{s} = 1.8\text{ TeV}$ ”** , V. M. Abazov *et al.* [D0 Collaboration] , hep-ex/0107012 , 10.1016/S0370-2693(01)01020-6 , Phys. Lett. B **517**, 299 (2001)
903. **“Search for quark lepton compositeness and a heavy W' boson using the $e\nu$ channel in $p\bar{p}$ collisions at $\sqrt{s} = 1.8\text{ TeV}$ ”** , T. Affolder *et al.* [CDF Collaboration] , hep-ex/0107008 , 10.1103/PhysRevLett.87.231803 , Phys. Rev. Lett. **87**, 231803 (2001)
904. **“Search for single top quark production at D0 using neural networks”** , V. M. Abazov *et al.* [D0 Collaboration] , hep-ex/0106059 , 10.1016/S0370-2693(01)01009-7 , Phys. Lett. B **517**, 282 (2001)
905. **“Search for new physics using QUAERO: A General interface to D0 event data”** , V. M. Abazov *et al.* [D0 Collaboration] , hep-ex/0106039 , 10.1103/PhysRevLett.87.231801 , Phys. Rev. Lett. **87**, 231801 (2001)
906. **“The ratio of the isolated photon cross sections at $\sqrt{s} = 630\text{ GeV}$ and 1800 GeV ”** , V. M. Abazov *et al.* [D0 Collaboration] , hep-ex/0106026 , 10.1103/PhysRevLett.87.251805 , Phys. Rev. Lett. **87**, 251805 (2001)

907. **“Search for first generation scalar and vector leptoquarks”** , V. M. Abazov *et al.* [D0 Collaboration] , hep-ex/0105072 , 10.1103/PhysRevD.64.092004 , Phys. Rev. D **64**, 092004 (2001)
908. **“Search for heavy particles decaying into electron positron pairs in $p\bar{p}$ collisions”** , V. M. Abazov *et al.* [D0 Collaboration] , hep-ex/0102048 , 10.1103/PhysRevLett.87.061802 , Phys. Rev. Lett. **87**, 061802 (2001)
909. **“Direct search for charged Higgs bosons in decays of top quarks”** , V. M. Abazov *et al.* [D0 Collaboration] , hep-ex/0102039 , 10.1103/PhysRevLett.88.151803 , Phys. Rev. Lett. **88**, 151803 (2002)
910. **“A quasi-model-independent search for new high p_T physics at DØ”** , B. Abbott *et al.* [D0 Collaboration] , hep-ex/0011071 , 10.1103/PhysRevLett.86.3712 , Phys. Rev. Lett. **86**, 3712 (2001)
911. **“Prospects for W boson physics in Run II at the Fermilab Tevatron”** , A. V. Kotwal [CDF and D0 Collaborations] , Conf. Proc. C **000727**, 714 (2000).
912. **“High- p_T jets in $p\bar{p}$ collisions at $\sqrt{s} = 630$ GeV and 1800 GeV”** , B. Abbott *et al.* [D0 Collaboration] , hep-ex/0012046 , 10.1103/PhysRevD.64.032003 , Phys. Rev. D **64**, 032003 (2001)
913. **“A Quasi model independent search for new physics at large transverse momentum”** , V. M. Abazov *et al.* [D0 Collaboration] , hep-ex/0011067 , 10.1103/PhysRevD.64.012004 , Phys. Rev. D **64**, 012004 (2001)
914. **“Inclusive jet production in $p\bar{p}$ collisions”** , B. Abbott *et al.* [D0 Collaboration] , hep-ex/0011036 , 10.1103/PhysRevLett.86.1707 , Phys. Rev. Lett. **86**, 1707 (2001)
915. **“Differential cross section for W boson production as a function of transverse momentum in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV”** , B. Abbott *et al.* [D0 Collaboration] , hep-ex/0010026 , 10.1016/S0370-2693(01)00628-1 , Phys. Lett. B **513**, 292 (2001)
916. **“Measurement of the angular distribution of electrons from $W \rightarrow e\nu$ decays observed in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV”** , B. Abbott *et al.* [D0 Collaboration] , hep-ex/0009034 , 10.1103/PhysRevD.63.072001 , Phys. Rev. D **63**, 072001 (2001)
917. **“Ratios of multijet cross sections in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV”** , B. Abbott *et al.* [D0 Collaboration] , hep-ex/0009012 , 10.1103/PhysRevLett.86.1955 , Phys. Rev. Lett. **86**, 1955 (2001)
918. **“The ratio of jet cross sections at $\sqrt{s} = 630$ GeV and 1800 GeV”** , B. Abbott *et al.* [D0 Collaboration] , hep-ex/0008072 , 10.1103/PhysRevLett.86.2523 , Phys. Rev. Lett. **86**, 2523 (2001)
919. **“Search for large extra dimensions in dielectron and diphoton production”** , B. Abbott *et al.* [D0 Collaboration] , hep-ex/0008065 , 10.1103/PhysRevLett.86.1156 , Phys. Rev. Lett. **86**, 1156 (2001)
920. **“Search for electroweak production of single top quarks in $p\bar{p}$ collisions”** , B. Abbott *et al.* [D0 Collaboration] , hep-ex/0008024 , 10.1103/PhysRevD.63.031101 , Phys. Rev. D **63**, 031101 (2000)
921. **“Cross section for b jet production in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV”** , B. Abbott *et al.* [D0 Collaboration] , hep-ex/0008021 , 10.1103/PhysRevLett.85.5068 , Phys. Rev. Lett. **85**, 5068 (2000)
922. **“Search for new physics in $e\mu X$ data at DØ using Sherlock: A quasi model independent search strategy for new physics”** , B. Abbott *et al.* [D0 Collaboration] , hep-ex/0006011 , 10.1103/PhysRevD.62.092004 , Phys. Rev. D **62**, 092004 (2000)
923. **“Search for R-parity violation in multilepton final states in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV”** , B. Abbott *et al.* [D0 Collaboration] , hep-ex/0005034 , 10.1103/PhysRevD.62.071701 , Phys. Rev. D **62**, 071701 (2000)
924. **“A search for dilepton signatures from minimal low-energy supergravity in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV”** , B. Abbott *et al.* [D0 Collaboration] , 10.1103/PhysRevD.63.091102 , Phys. Rev. D **63**, 091102 (2001).

925. **“Spin correlation in $t\bar{t}$ production from $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV”** , B. Abbott *et al.* [D0 Collaboration] , hep-ex/0002058 , 10.1103/PhysRevLett.85.256 , Phys. Rev. Lett. **85**, 256 (2000)
926. **“Inclusive jet cross sections in $\bar{p}p$ collisions at $\sqrt{s} = 630$ GeV and 1800 GeV”** , B. Abbott *et al.* [D0 Collaboration] , hep-ex/0001063 , 10.1016/S0920-5632(99)00683-0 , Nucl. Phys. Proc. Suppl. **79**, 229 (1999)
927. **“A measurement of the $W \rightarrow \tau\nu$ production cross section in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV”** , B. Abbott *et al.* [D0 Collaboration] , hep-ex/9912065 , 10.1103/PhysRevLett.84.5710 , Phys. Rev. Lett. **84**, 5710 (2000)
928. **“Hard single diffraction in $\bar{p}p$ collisions at $\sqrt{s} = 630$ GeV and 1800 GeV”** , B. Abbott *et al.* [D0 Collaboration] , hep-ex/9912061 , 10.1016/S0370-2693(02)01364-3 , Phys. Lett. B **531**, 52 (2002)
929. **“Limits on anomalous $WW\gamma$ and WWZ couplings from $WW/WZ \rightarrow e\nu jj$ production”** , B. Abbott *et al.* [D0 Collaboration] , hep-ex/9912033 , 10.1103/PhysRevD.62.052005 , Phys. Rev. D **62**, 052005 (2000)
930. **“Probing BFKL dynamics in the dijet cross section at large rapidity intervals in $p\bar{p}$ collisions at $\sqrt{s} = 1800$ GeV and 630-GeV”** , B. Abbott *et al.* [D0 Collaboration] , hep-ex/9912032 , 10.1103/PhysRevLett.84.5722 , Phys. Rev. Lett. **84**, 5722 (2000)
931. **“Limits on quark compositeness from high-energy jets in $\bar{p}p$ collisions at 1.8 TeV”** , B. Abbott *et al.* [D0 Collaboration] , hep-ex/9912023 , 10.1103/PhysRevD.62.031101 , Phys. Rev. D **62**, 031101 (2000)
932. **“The isolated photon cross-section in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV”** , B. Abbott *et al.* [D0 Collaboration] , hep-ex/9912017 , 10.1103/PhysRevLett.84.2786 , Phys. Rev. Lett. **84**, 2786 (2000)
933. **“Lambda and anti-lambda polarization from deep inelastic muon scattering”** , M. R. Adams *et al.* [E665 Collaboration] , hep-ex/9911004 , 10.1007/s100520000493 , Eur. Phys. J. C **17**, 263 (2000)
934. **“Search for second generation leptoquark pairs in $\bar{p}p$ collisions at $\sqrt{s} = 1.8$ TeV”** , B. Abbott *et al.* [D0 Collaboration] , hep-ex/9910040 , 10.1103/PhysRevLett.84.2088 , Phys. Rev. Lett. **84**, 2088 (2000)
935. **“A measurement of the W boson mass using electrons at large rapidities”** , B. Abbott *et al.* [D0 Collaboration] , hep-ex/9909030 , 10.1103/PhysRevLett.84.222 , Phys. Rev. Lett. **84**, 222 (2000)
936. **“Differential production cross section of Z bosons as a function of transverse momentum at $\sqrt{s} = 1.8$ TeV”** , B. Abbott *et al.* [D0 Collaboration] , hep-ex/9909020 , 10.1103/PhysRevLett.84.2792 , Phys. Rev. Lett. **84**, 2792 (2000)
937. **“A measurement of the W boson mass using large rapidity electrons”** , B. Abbott *et al.* [D0 Collaboration] , hep-ex/9908057 , 10.1103/PhysRevD.62.092006 , Phys. Rev. D **62**, 092006 (2000)
938. **“Evidence of color coherence effects in W + jets events from $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV”** , B. Abbott *et al.* [D0 Collaboration] , hep-ex/9908017 , 10.1016/S0370-2693(99)01015-1 , Phys. Lett. B **464**, 145 (1999)
939. **“Subjet multiplicity in quark and gluon jets at D0”** , B. Abbott *et al.* [D0 Collaboration] , hep-ex/9907059 , 10.1016/S0920-5632(99)00764-1 , Nucl. Phys. Proc. Suppl. **79**, 494 (1999)
940. **“Small angle muon and bottom quark production in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV”** , B. Abbott *et al.* [D0 Collaboration] , hep-ex/9907029 , 10.1103/PhysRevLett.84.5478 , Phys. Rev. Lett. **84**, 5478 (2000)
941. **“Search for R -parity violating supersymmetry in the dielectron channel”** , B. Abbott *et al.* [D0 Collaboration] , hep-ex/9907019 , 10.1103/PhysRevLett.83.4476 , Phys. Rev. Lett. **83**, 4476 (1999)
942. **“Measurement of the inclusive differential cross section for Z bosons as a function of transverse momentum in $\bar{p}p$ collisions at $\sqrt{s} = 1.8$ TeV”** , B. Abbott *et al.* [D0 Collaboration] , hep-ex/9907009 , 10.1103/PhysRevD.61.032004 , Phys. Rev. D **61**, 032004 (2000)

943. **“Extraction of the width of the W boson from measurements of $\sigma(p\bar{p} \rightarrow W + X) \times B(W \rightarrow e\nu)$ and $\sigma(p\bar{p} \rightarrow Z + X) \times B(Z \rightarrow ee)$ and their ratio”** , B. Abbott *et al.* [D0 Collaboration] , hep-ex/9906025 , 10.1103/PhysRevD.61.072001 , Phys. Rev. D **61**, 072001 (2000)
944. **“The $b\bar{b}$ production cross section and angular correlations in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV”** , B. Abbott *et al.* [D0 Collaboration] , hep-ex/9905024 , 10.1016/S0370-2693(00)00844-3 , Phys. Lett. B **487**, 264 (2000)
945. **“Studies of WW and WZ production and limits on anomalous $WW\gamma$ and WWZ couplings”** , B. Abbott *et al.* [D0 Collaboration] , hep-ex/9905005 , 10.1103/PhysRevD.60.072002 , Phys. Rev. D **60**, 072002 (1999)
946. **“Search for second generation leptoquark pairs decaying to $\mu\nu$ + jets in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV”** , B. Abbott *et al.* [D0 Collaboration] , hep-ex/9904023 , 10.1103/PhysRevLett.83.2896 , Phys. Rev. Lett. **83**, 2896 (1999)
947. **“Search for charged higgs bosons in decays of top quark pairs”** , B. Abbott *et al.* [D0 Collaboration] , hep-ex/9902028 , 10.1103/PhysRevLett.82.4975 , Phys. Rev. Lett. **82**, 4975 (1999)
948. **“Search for bottom squarks in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV”** , B. Abbott *et al.* [D0 Collaboration] , hep-ex/9903041 , 10.1103/PhysRevD.60.031101 , Phys. Rev. D **60**, 031101 (1999)
949. **“Search for squarks and gluinos in events containing jets and a large imbalance in transverse energy”** , B. Abbott *et al.* [D0 Collaboration] , hep-ex/9902013 , 10.1103/PhysRevLett.83.4937 , Phys. Rev. Lett. **83**, 4937 (1999)
950. **“Measurement of W and Z boson production cross sections”** , B. Abbott *et al.* [D0 Collaboration] , hep-ex/9901040 , 10.1103/PhysRevD.60.052003 , Phys. Rev. D **60**, 052003 (1999)
951. **“Measurement of the top quark pair production cross-section in the all jets decay channel”** , B. Abbott *et al.* [D0 Collaboration] , hep-ex/9901023 , 10.1103/PhysRevLett.83.1908 , Phys. Rev. Lett. **83**, 1908 (1999)
952. **“Measurement of the high mass Drell-Yan cross-section and limits on quark electron compositeness scales”** , B. Abbott *et al.* [D0 Collaboration] , hep-ex/9812010 , 10.1103/PhysRevLett.82.4769 , Phys. Rev. Lett. **82**, 4769 (1999)
953. **“Search for nonstandard Higgs bosons using high mass photon pairs in $p\bar{p} \rightarrow \gamma\gamma + 2\text{jets}$ at $\sqrt{s} = 1.8$ TeV”** , B. Abbott *et al.* [D0 Collaboration] , hep-ex/9811029 , 10.1103/PhysRevLett.82.2244 , Phys. Rev. Lett. **82**, 2244 (1999)
954. **“Probing hard color-singlet exchange in $p\bar{p}$ collisions at $\sqrt{s} = 630$ GeV and 1800 GeV”** , B. Abbott *et al.* [D0 Collaboration] , hep-ex/9809016 , 10.1016/S0370-2693(98)01238-6 , Phys. Lett. B **440**, 189 (1998)
955. **“Measurement of the top quark pair production cross section in $p\bar{p}$ collisions using multijet final states”** , B. Abbott *et al.* [D0 Collaboration] , hep-ex/9808034 , 10.1103/PhysRevD.60.012001 , Phys. Rev. D **60**, 012001 (1999)
956. **“Measurement of the top quark mass in the dilepton channel”** , B. Abbott *et al.* [D0 Collaboration] , hep-ex/9808029 , 10.1103/PhysRevD.60.052001 , Phys. Rev. D **60**, 052001 (1999)
957. **“Search for squarks and gluinos in single-photon events with jets and large missing transverse energy in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV”** , B. Abbott *et al.* [D0 Collaboration] , hep-ex/9808010 , 10.1103/PhysRevLett.82.29 , Phys. Rev. Lett. **82**, 29 (1999)
958. **“Small angle J/ψ production in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV”** , B. Abbott *et al.* [D0 Collaboration] , hep-ex/9807029 , 10.1103/PhysRevLett.82.35 , Phys. Rev. Lett. **82**, 35 (1999)
959. **“The inclusive jet cross section in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV”** , B. Abbott *et al.* [D0 Collaboration] , hep-ex/9807018 , 10.1103/PhysRevLett.82.2451 , Phys. Rev. Lett. **82**, 2451 (1999)

960. **“The dijet mass spectrum and a search for quark compositeness in $\bar{p}p$ collisions at $\sqrt{s} = 1.8$ TeV”** , B. Abbott *et al.* [D0 Collaboration] , hep-ex/9807014 , 10.1103/PhysRevLett.82.2457 , Phys. Rev. Lett. **82**, 2457 (1999)
961. **“Determination of the absolute jet energy scale in the D0 calorimeters”** , B. Abbott *et al.* [D0 Collaboration] , hep-ex/9805009 , 10.1016/S0168-9002(98)01368-0 , Nucl. Instrum. Meth. A **424**, 352 (1999)
962. **“A Search for heavy point - like Dirac monopoles”** , B. Abbott *et al.* [D0 Collaboration] , hep-ex/9803023 , 10.1103/PhysRevLett.81.524 , Phys. Rev. Lett. **81**, 524 (1998)
963. **“Limits on anomalous $WW\gamma$ and WWZ couplings”** , B. Abbott *et al.* [D0 Collaboration] , hep-ex/9803017 , 10.1103/PhysRevD.58.031102 , Phys. Rev. D **58**, 031102 (1998)
964. **“Search for charge 1/3 third generation leptoquarks in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV”** , B. Abbott *et al.* [D0 Collaboration] , hep-ex/9803009 , 10.1103/PhysRevLett.81.38 , Phys. Rev. Lett. **81**, 38 (1998)
965. **“Limits on $WW\gamma$ and WWZ couplings from W boson pair production”** , B. Abbott *et al.* [D0 Collaboration] , hep-ex/9803004 , 10.1103/PhysRevD.58.051101 , Phys. Rev. D **58**, 051101 (1998)
966. **“Measurement of the shape of the transverse momentum distribution of W bosons produced in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV”** , B. Abbott *et al.* [D0 Collaboration] , hep-ex/9803003 , 10.1103/PhysRevLett.80.5498 , Phys. Rev. Lett. **80**, 5498 (1998)
967. **“Search for the decay $b \rightarrow X_s \mu^+ \mu^-$ ”** , B. Abbott *et al.* [D0 Collaboration] , hep-ex/9801027 , 10.1016/S0370-2693(98)00161-0 , Phys. Lett. B **423**, 419 (1998)
968. **“Direct measurement of the top quark mass at D0”** , B. Abbott *et al.* [D0 Collaboration] , hep-ex/9801025 , 10.1103/PhysRevD.58.052001 , Phys. Rev. D **58**, 052001 (1998)
969. **“ $Z\gamma$ production in $p\bar{p}$ collisions $S^{(1/2)} = 1.8$ -TeV and limits on anomalous $ZZ\gamma$ and $Z\gamma\gamma$ couplings”** , B. Abbott *et al.* [D0 Collaboration] , hep-ex/9710031 , 10.1103/PhysRevD.57.R3817 , Phys. Rev. D **57**, 3817 (1998)
970. **“A measurement of the W boson mass”** , B. Abbott *et al.* [D0 Collaboration] , hep-ex/9712029 , 10.1103/PhysRevD.58.092003 , Phys. Rev. D **58**, 092003 (1998)
971. **“A measurement of the W boson mass”** , B. Abbott *et al.* [D0 Collaboration] , hep-ex/9712028 , 10.1103/PhysRevLett.80.3008 , Phys. Rev. Lett. **80**, 3008 (1998)
972. **“Search for first generation scalar leptoquark pairs in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV”** , B. Abbott *et al.* [D0 Collaboration] , hep-ex/9710032 , 10.1103/PhysRevLett.80.2051 , Phys. Rev. Lett. **80**, 2051 (1998)
973. **“Inclusive single-particle distributions and transverse momenta of forward produced charged hadrons in μp scattering at 470-GeV”** , M. R. Adams *et al.* [E665 Collaboration] , 10.1007/s002880050567 , Z. Phys. C **76**, 441 (1997).
974. **“Determination of the mass of the W boson using the DØ detector at the Tevatron”** , B. Abbott *et al.* [D0 Collaboration] , hep-ex/9710007 , 10.1103/PhysRevD.58.012002 , Phys. Rev. D **58**, 012002 (1998)
975. **“Experimental search for chargino and neutralino production via gauge mediated supersymmetry breaking models”** , B. Abbott *et al.* [D0 Collaboration] , hep-ex/9708005 , 10.1103/PhysRevLett.80.442 , Phys. Rev. Lett. **80**, 442 (1998)
976. **“Search for scalar leptoquark pairs decaying to electrons and jets in $p\bar{p}$ collisions”** , B. Abbott *et al.* [D0 Collaboration] , hep-ex/9707033 , 10.1103/PhysRevLett.79.4321 , Phys. Rev. Lett. **79**, 4321 (1997)
977. **“Measurement of dijet angular distributions and search for quark compositeness”** , B. Abbott *et al.* [D0 Collaboration] , hep-ex/9707016 , 10.1103/PhysRevLett.80.666 , Phys. Rev. Lett. **80**, 666 (1998)

978. **“Measurement of the top quark mass using dilepton events”** , B. Abbott *et al.* [D0 Collaboration] , hep-ex/9706014 , 10.1103/PhysRevLett.80.2063 , Phys. Rev. Lett. **80**, 2063 (1998)
979. **“Color coherent radiation in multijet events from $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV”** , B. Abbott *et al.* [D0 Collaboration] , hep-ex/9706012 , 10.1016/S0370-2693(97)01190-8 , Phys. Lett. B **414**, 419 (1997)
980. **“Search for the trilepton signature from the associated production of SUSY $\tilde{\chi}_1^\pm \tilde{\chi}_2^0$ gauginos”** , B. Abbott *et al.* [D0 Collaboration] , hep-ex/9705015 , 10.1103/PhysRevLett.80.1591 , Phys. Rev. Lett. **80**, 1591 (1998)
981. **“Limits on WWZ and $WW\gamma$ couplings from $p\bar{p} \rightarrow evjjX$ events at $\sqrt{s} = 1.8$ TeV”** , B. Abbott *et al.* [D0 Collaboration] , hep-ex/9705010 , 10.1103/PhysRevLett.79.1441 , Phys. Rev. Lett. **79**, 1441 (1997)
982. **“Measurement of the top quark pair production cross section in $p\bar{p}$ collisions”** , S. Abachi *et al.* [D0 Collaboration] , hep-ex/9704015 , 10.1103/PhysRevLett.79.1203 , Phys. Rev. Lett. **79**, 1203 (1997)
983. **“Studies of gauge boson pair production and trilinear couplings”** , S. Abachi *et al.* [D0 Collaboration] , hep-ex/9704004 , 10.1103/PhysRevD.56.6742 , Phys. Rev. D **56**, 6742 (1997)
984. **“Diffractive production of $\rho^0(770)$ mesons in muon proton interactions at 470-GeV”** , M. R. Adams *et al.* [E665 Collaboration] , 10.1007/s002880050386 , Z. Phys. C **74**, 237 (1997).
985. **“Direct measurement of the top quark mass”** , S. Abachi *et al.* [D0 Collaboration] , hep-ex/9703008 , 10.1103/PhysRevLett.79.1197 , Phys. Rev. Lett. **79**, 1197 (1997)
986. **“Study of the $ZZ\gamma$ and $Z\gamma\gamma$ couplings in $Z(\nu\nu)\gamma$ production”** , S. Abachi *et al.* [D0 Collaboration] , hep-ex/9702011 , 10.1103/PhysRevLett.78.3640 , Phys. Rev. Lett. **78**, 3640 (1997)
987. **“Pion elastic and inelastic $2(1)^+$ scattering on Ni-58, Ni-60, Ni-62, Ni-64 at $T(\pi) = 180$ -MeV”** , C. M. Laymon *et al.* , 10.1103/PhysRevC.53.1167 , Phys. Rev. C **53**, 1167 (1996).
988. **“Search for top squark pair production in the dielectron channel”** , S. Abachi *et al.* [D0 Collaboration] , hep-ex/9612009 , 10.1103/PhysRevD.57.589 , Phys. Rev. D **57**, 589 (1998)
989. **“Search for diphoton events with large missing transverse energy in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV”** , S. Abachi *et al.* [D0 Collaboration] , hep-ex/9612011 , 10.1103/PhysRevLett.78.2070 , Phys. Rev. Lett. **78**, 2070 (1997)
990. **“Limits on anomalous $WW\gamma$ couplings from $p\bar{p} \rightarrow W\gamma + X$ events at $\sqrt{s} = 1.8$ TeV”** , S. Abachi *et al.* [D0 Collaboration] , hep-ex/9612002 , 10.1103/PhysRevLett.78.3634 , Phys. Rev. Lett. **78**, 3634 (1997)
991. **“Search for a fourth generation charge -1/3 quark via flavor changing neutral current decay”** , S. Abachi *et al.* [D0 Collaboration] , hep-ex/9611021 , 10.1103/PhysRevLett.78.3818 , Phys. Rev. Lett. **78**, 3818 (1997)
992. **“Proton and deuteron structure functions in muon scattering at 470-GeV”** , M. R. Adams *et al.* [E665 Collaboration] , 10.1103/PhysRevD.54.3006 , Phys. Rev. D **54**, 3006 (1996).
993. **“Pion inelastic scattering to low lying positive parity states in Ne-20”** , M. Burlein *et al.* , 10.1103/PhysRevC.51.88 , Phys. Rev. C **51**, 88 (1995).
994. **“Nuclear decay following deep inelastic scattering of 470-GeV muons”** , M. R. Adams *et al.* [E665 Collaboration] , 10.1103/PhysRevLett.74.5198 , Phys. Rev. Lett. **74**, 5198 (1995), Erratum: [Phys. Rev. Lett. **80**, 2020 (1998)]
995. **“Shadowing in inelastic scattering of muons on carbon, calcium and lead at low $x(Bj)$ ”** , M. R. Adams *et al.* [E665 Collaboration] , hep-ex/9505006 , 10.1007/BF01624583 , Z. Phys. C **67**, 403 (1995)

996. **“Extraction of the ratio $F2_n/F2_p$ from muon - deuteron and muon - proton scattering at small x and Q^2 ”** , M. R. Adams *et al.* [E665 Collaboration] , 10.1103/PhysRevLett.75.1466 , Phys. Rev. Lett. **75**, 1466 (1995).
997. **“Measurement of nuclear transparencies from exclusive ρ^0 meson production in muon - nucleus scattering at 470-GeV”** , M. R. Adams *et al.* [E665 Collaboration] , 10.1103/PhysRevLett.74.1525 , Phys. Rev. Lett. **74**, 1525 (1995).
998. **“Pion induced double charge exchange on C-12, Mg-24, S-32, and Ca-40”** , D. L. Watson *et al.* , 10.1103/PhysRevC.43.1318 , Phys. Rev. C **43**, 1318 (1991).
999. **“Pion Inelastic Scattering To The Low Lying Broad 2+ In Ne-20”** , M. Burlein *et al.* , 10.1103/PhysRevC.40.785 , Phys. Rev. C **40**, 785 (1989).
1000. **“Three-state mixing among 0+ states in even Cd isotopes”** , J. M. O'Donnell, A. V. Kotwal and H. T. Fortune. , 10.1103/PhysRevC.38.2047 , Phys. Rev. C **38**, 2047 (1988).