

List of Publications

Aart Heijboer

1. “*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], Phys. Rev. D **79**, 032001 (2009)
2. “*Search for High-Mass e^+e^- Resonances in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV*”
T. Aaltonen *et al.* [CDF Collaboration], Phys. Rev. Lett. **102**, 031801 (2009)
3. “*Search for Maximal Flavor Violating Scalars in Same-Charge Lepton Pairs in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV*”
T. Aaltonen *et al.* [CDF Collaboration], Phys. Rev. Lett. **102**, 041801 (2009)
4. “*Search for a Higgs Boson Decaying to Two W Bosons at CDF*”
T. Aaltonen *et al.* [CDF Collaboration], Phys. Rev. Lett. **102**, 021802 (2009)
5. “*Global Search for New Physics with 2.0/fb at CDF*”
T. Aaltonen *et al.* [CDF Collaboration], Phys. Rev. D **79**, 011101 (2009)
6. “*Measurement of the Single Top Quark Production Cross Section at CDF*”
T. Aaltonen *et al.* [CDF Collaboration], Phys. Rev. Lett. **101**, 252001 (2008)
7. “*Search for Supersymmetry in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV Using the Trilepton Signature of Chargino-Neutralino Production*”
T. Aaltonen *et al.* [CDF Collaboration], Phys. Rev. Lett. **101**, 251801 (2008)
8. “*First Direct Bound on the Total Width of the Top Quark in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV*”
T. Aaltonen *et al.* [CDF Collaboration], Phys. Rev. Lett. **102**, 042001 (2009)
9. “*Search for Doubly Charged Higgs Bosons with Lepton-Flavor-Violating Decays involving Tau Leptons*”
T. Aaltonen *et al.* [The CDF Collaboration], Phys. Rev. Lett. **101**, 121801 (2008)
10. “*Search for the Higgs boson produced with $Z \rightarrow \ell^+\ell^-$ in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV*”
T. Aaltonen *et al.* [CDF Collaboration], Phys. Rev. Lett. **101**, 251803 (2008)
11. “*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 $\sqrt{s} = 1.96$ TeV*”
T. Aaltonen *et al.* [CDF Collaboration], Phys. Rev. Lett. **101**, 181602 (2008)
12. “*Measurement of the Inclusive Jet Cross Section at the Fermilab Tevatron p - p bar Collider Using a Cone-Based Jet Algorithm*”
T. Aaltonen *et al.* [CDF Collaboration], Phys. Rev. D **78**, 052006 (2008)
13. “*Forward-Backward Asymmetry in Top Quark Production in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV*”
T. Aaltonen *et al.* [CDF Collaboration], Phys. Rev. Lett. **101**, 202001 (2008)
14. “*Measurement of b -jet Shapes in Inclusive Jet Production in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV*”
T. Aaltonen *et al.* [CDF Collaboration], Phys. Rev. D **78**, 072005 (2008)
15. “*Search for the Flavor Changing Neutral Current Decay $t \rightarrow Zq$ in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$* ”
T. Aaltonen *et al.* [CDF Collaboration], Phys. Rev. Lett. **101**, 192002 (2008)

16. “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], Phys. Rev. D **79**, 011104 (2009)
17. “Search for Heavy, Long-Lived Neutralinos that Decay to Photons at CDF II Using Photon Timing”
T. Aaltonen *et al.* [CDF Collaboration], Phys. Rev. D **78**, 032015 (2008)
18. “Search for Standard Model Higgs Boson Production in Association with a W Boson at CDF”
T. Aaltonen *et al.* [CDF Collaboration], Phys. Rev. D **78**, 032008 (2008)
19. “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], Phys. Rev. Lett. **101**, 071802 (2008)
20. “Two-Particle Momentum Correlations in Jets Produced in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV”
T. Aaltonen *et al.* [CDF Collaboration], Phys. Rev. D **77**, 092001 (2008)
21. “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], Phys. Rev. Lett. **100**, 211801 (2008)
22. “First Measurement of ZZ Production in p anti- p Collisions at $\sqrt{s} = 1.96$ TeV”
T. Aaltonen *et al.* [CDF Collaboration], Phys. Rev. Lett. **100**, 201801 (2008)
23. “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], Phys. Rev. D **77**, 072003 (2008)
24. “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], Phys. Rev. Lett. **100**, 161803 (2008)
25. “Studies of a full-scale mechanical prototype line for the ANTARES neutrino telescope and tests of a prototype instrument for deep-sea acoustic measurements”
M. Ageron *et al.*, Nucl. Instrum. Meth. A **581**, 695 (2007)
26. “Search for New Heavy Particles Decaying to $Z^0 Z^0 \rightarrow eeee$ in $p - \bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV”
T. Aaltonen *et al.* [CDF Collaboration], Phys. Rev. D **78**, 012008 (2008)
27. “First Measurement of the Fraction of Top Quark Pair Production Through Gluon-Gluon Fusion”
T. Aaltonen *et al.* [CDF Collaboration], Phys. Rev. D **78**, 111101 (2008)
28. “First Flavor-Tagged Determination of Bounds on Mixing-Induced CP Violation in $B_s \rightarrow J/\psi\phi$ Decays”
T. Aaltonen *et al.* [CDF Collaboration], Phys. Rev. Lett. **100**, 161802 (2008)
29. “Measurement of Lifetime and Decay-Width Difference in $B_s^0 \rightarrow J/\psi\phi$ Decays”
T. Aaltonen *et al.* [CDF collaboration], Phys. Rev. Lett. **100**, 121803 (2008)
30. “Evidence for $D^0 - \bar{D}^0$ mixing using the CDF II Detector”
T. Aaltonen *et al.* [CDF Collaboration], Phys. Rev. Lett. **100**, 121802 (2008)

31. “Search for $B_s \rightarrow \mu^+ \mu^-$ and $B_d \rightarrow \mu^+ \mu^-$ Decays with 2fb^{-1} of $p\bar{p}$ Collisions”
T. Aaltonen *et al.* [CDF Collaboration], Phys. Rev. Lett. **100**, 101802 (2008)
32. “Observation of the Decay $B_c^\pm \rightarrow J/\psi \pi^\pm$ and Measurement of the B_c^\pm Mass”
T. Aaltonen *et al.* [CDF Collaboration], Phys. Rev. Lett. **100**, 182002 (2008)
33. “Model-Independent and Quasi-Model-Independent Search for New Physics at CDF”
T. Aaltonen *et al.* [CDF Collaboration], Phys. Rev. D **78**, 012002 (2008)
34. “Observation of Exclusive Dijet Production at the Fermilab Tevatron p - p bar Collider”
T. Aaltonen *et al.* [CDF Collaboration], Phys. Rev. D **77**, 052004 (2008)
35. “Tevatron results on the discovery of $\Sigma_b^{(*)}$, B_s oscillations and the measurement of Δm_s , the lifetime difference $\Delta\Gamma_s$ and the cp -violating phase ϕ ”
A. Heijboer [CDF Collaboration], *Proceedings of the 42nd Rencontres de Moriond on Electroweak Interactions and Unified Theories, La Thuile, Italy, 10-17 Mar 2007*
36. “Measurement of the cross section for W -boson production in association with jets in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”
T. Aaltonen *et al.* [CDF Collaboration], Phys. Rev. D **77**, 011108 (2008)
37. “Measurement of Inclusive Jet Cross Sections in $Z/\gamma^*(\rightarrow ee)$ + jets Production in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV”
T. Aaltonen *et al.* [CDF - Run II Collaboration], Phys. Rev. Lett. **100**, 102001 (2008)
38. “Search for chargino-neutralino production in p - p bar collisions at 1.96 TeV with high p_T leptons”
T. Aaltonen *et al.* [CDF Collaboration], Phys. Rev. D **77**, 052002 (2008)
39. “First Measurement of the Production of a W Boson in Association with a Single Charm Quark in Proton Anti-proton Collisions at $\sqrt{s} = 1.96$ TeV”
T. Aaltonen *et al.* [CDF Collaboration], Phys. Rev. Lett. **100**, 091803 (2008)
40. “Limits on the Production of Narrow t - t bar Resonances in p - p bar Collisions at $\sqrt{s} = 1.96$ TeV”
T. Aaltonen *et al.* [CDF Collaboration], Phys. Rev. D **77**, 051102 (2008)
41. “Search for Standard Model Higgs Bosons Produced in Association with W Bosons”
T. Aaltonen *et al.* [CDF Collaboration], Phys. Rev. Lett. **100**, 041801 (2008)
42. “Observation of Orbitally Excited B_s Mesons”
T. Aaltonen *et al.* [CDF Collaboration], Phys. Rev. Lett. **100**, 082001 (2008)
43. “A direct Measurement of the W Boson Width in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV”
T. Aaltonen *et al.* [CDF Collaboration], Phys. Rev. Lett. **100**, 071801 (2008)
44. “Cross Section Constrained Top Quark Mass Measurement from Dilepton Events at the Tevatron”
T. Aaltonen *et al.* [CDF Collaboration], Phys. Rev. Lett. **100**, 062005 (2008)
45. “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], Phys. Rev. Lett. **100**, 021803 (2008)
46. “Measurement of correlated b - b bar production in p - p bar collisions at $s^{1/2} = 1960$ GeV”
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47. “Search for resonant $t\bar{t}$ production in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”
T. Aaltonen *et al.* [CDF Collaboration], Phys. Rev. Lett. **100**, 231801 (2008)
48. “First Run II Measurement of the W Boson Mass”
T. Aaltonen *et al.* [CDF Collaboration], Phys. Rev. D **77**, 112001 (2008)
49. “Search for Direct Pair Production of Supersymmetric Top and Supersymmetric Bottom Quarks in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV”
T. Aaltonen *et al.* [CDF Collaboration], Phys. Rev. D **76**, 072010 (2007)
50. “Search for new physics in high mass electron-positron events in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”
T. Aaltonen *et al.* [CDF Collaboration], Phys. Rev. Lett. **99**, 171802 (2007)
51. “Search for chargino-neutralino production in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”
T. Aaltonen *et al.* [CDF Collaboration], Phys. Rev. Lett. **99**, 191806 (2007)
52. “Search for a high-mass diphoton state and limits on Randall-Sundrum gravitons at CDF”
T. Aaltonen *et al.* [CDF Collaboration], Phys. Rev. Lett. **99**, 171801 (2007)
53. “Observation and mass measurement of the baryon Ξ_b^- ”
T. Aaltonen *et al.* [CDF Collaboration], Phys. Rev. Lett. **99**, 052002 (2007)
54. “First Measurement of the W Boson Mass in Run II of the Tevatron”
T. Aaltonen *et al.* [CDF Collaboration], Phys. Rev. Lett. **99**, 151801 (2007)
55. “First observation of heavy baryons Σ_b and Σ_b^* ”
T. Aaltonen *et al.* [CDF Collaboration], Phys. Rev. Lett. **99**, 202001 (2007)
56. “Measurement of the $p\bar{p} \rightarrow t\bar{t}$ production cross-section and the top quark mass at $\sqrt{s} = 1.96$ TeV in the all-hadronic decay mode”
T. Aaltonen *et al.* [CDF Collaboration], Phys. Rev. D **76**, 072009 (2007)
57. “Search for New Particles Leading to Z + jets Final States in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV”
T. Aaltonen *et al.* [CDF Collaboration], Phys. Rev. D **76**, 072006 (2007)
58. “Limits on Anomalous Triple Gauge Couplings in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV”
T. Aaltonen *et al.* [CDF Collaboration], Phys. Rev. D **76**, 111103 (2007)
59. “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], Phys. Rev. D **75**, 111103 (2007)
60. “Search for heavy, long-lived particles that decay to photons at CDF II”
A. Abulencia *et al.* [CDF Collaboration], Phys. Rev. Lett. **99**, 121801 (2007)
61. “Polarization of J/ψ and ψ_{2S} mesons produced in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”
A. Abulencia *et al.* [CDF Collaboration], Phys. Rev. Lett. **99**, 132001 (2007)
62. “Precise measurement of the top quark mass in the lepton+jets topology at CDF II”
A. Abulencia *et al.* [CDF Collaboration], Phys. Rev. Lett. **99**, 182002 (2007)
63. “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 $\sqrt{s} = 1.96$ TeV”
A. Abulencia *et al.* [CDF Collaboration], Phys. Rev. Lett. **98**, 232001 (2007)
64. “The ANTARES optical beacon system”
M. Ageron *et al.* [ANTARES Collaboration], Nucl. Instrum. Meth. A **578**, 498 (2007)

65. “*Inclusive search for new physics with like-sign dilepton events in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV*”
A. Abulencia *et al.* [CDF Collaboration], Phys. Rev. Lett. **98**, 221803 (2007)
66. “*Measurement of sigma p anti- $p \rightarrow Z \cdot Br (Z \rightarrow 2\tau)$ in p anti- p collisions at $s^{-1/2} = 1.96$ TeV*”
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67. “*First Measurement of the Ratio of Central-Electron to Forward-Electron W Partial Cross Sections in p - p bar Collisions at $\sqrt{s} = 1.96$ TeV*”
A. Abulencia *et al.* [CDF Collaboration], Phys. Rev. Lett. **98**, 251801 (2007)
68. “*Search for new physics in lepton + photon + X events with $929 \text{ pb}^{(-1)}$ of $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV*”
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69. “*Observation of WZ Production*”
A. Abulencia *et al.* [CDF Collaboration], Phys. Rev. Lett. **98**, 161801 (2007)
70. “*Measurement of the Inclusive Jet Cross Section using the k_T algorithm in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV with the CDF II Detector*”
A. Abulencia *et al.* [CDF - Run II Collaboration], Phys. Rev. D **75**, 092006 (2007) [Erratum-
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71. “*Search for anomalous production of multi-lepton events in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV*”
A. Abulencia *et al.* [CDF Collaboration], Phys. Rev. Lett. **98**, 131804 (2007)
72. “*Search for Exotic $S = -2$ Baryons in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV*”
A. Abulencia *et al.* [CDF Collaboration], Phys. Rev. D **75**, 032003 (2007)
73. “*Measurement of the Top Quark Mass in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV using the Decay Length Technique*”
A. Abulencia *et al.* [CDF - Run II Collaboration], Phys. Rev. D **75**, 071102 (2007)
74. “*Precision measurement of the top quark mass from dilepton events at CDF II*”
A. Abulencia *et al.* [CDF - Run II Collaboration], Phys. Rev. D **75**, 031105 (2007)
75. “*Cross section measurements of high- p_T dilepton final-state processes using a global fitting method*”
A. Abulencia *et al.* [CDF Collaboration], Phys. Rev. D **78**, 012003 (2008)
76. “*Analysis of the quantum numbers $J(PC)$ of the $X(3872)$* ”
A. Abulencia *et al.* [CDF Collaboration], Phys. Rev. Lett. **98**, 132002 (2007)
77. “*Measurement of the top-quark mass in all-hadronic decays in p anti- p collisions at CDF II*”
T. Aaltonen *et al.* [CDF Collaboration], Phys. Rev. Lett. **98**, 142001 (2007)
78. “*Measurement of the B^+ production cross section in p anti- p collisions at $s^{1/2} = 1960$ GeV*”
A. Abulencia *et al.* [CDF Collaboration], Phys. Rev. D **75**, 012010 (2007)
79. “*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 II Collaboration], Phys. Rev. D **75**, 052001 (2007)

80. “*Observation of exclusive electron positron production in hadron hadron collisions*”
A. Abulencia *et al.* [CDF Collaboration], Phys. Rev. Lett. **98**, 112001 (2007)
81. “*Search for W boson decaying to electron-neutrino pairs in p anti-p collisions at $s^{1/2} = 1.96$ TeV*”
A. Abulencia *et al.* [CDF Collaboration], Phys. Rev. D **75**, 091101 (2007)
82. “*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 $B(B_s^0 \rightarrow D_s^- \pi^+)/B(B^0 \rightarrow D^- \pi^+)$* ”
A. Abulencia *et al.* [CDF Collaboration], Phys. Rev. Lett. **98**, 061802 (2007)
83. “*The data acquisition system for the ANTARES neutrino telescope*”
J. A. Aguilar *et al.* [ANTARES Collaboration], Nucl. Instrum. Meth. A **570**, 107 (2007)
84. “*Observation of B_s anti- B_s oscillations*”
A. Abulencia *et al.* [CDF Collaboration], Phys. Rev. Lett. **97**, 242003 (2006)
85. “*Measurement of the Λ_b^0 lifetime in $\Lambda_b^0 \rightarrow J/\psi \Lambda^0$ in p anti-p collisions at $s^{1/2} = 1.96$ TeV*”
A. Abulencia *et al.* [CDF Collaboration], Phys. Rev. Lett. **98**, 122001 (2007)
86. “*Search for V + A current in top quark decay in p anti-p collisions at $s^{1/2} = 1.96$ TeV*”
A. Abulencia *et al.* [CDF Collaboration], Phys. Rev. Lett. **98**, 072001 (2007)
87. “*Measurement of the $t\bar{t}$ Production Cross Section in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV in the All Hadronic Decay Mode*”
A. Abulencia *et al.* [CDF - Run II Collaboration], Phys. Rev. D **74**, 072005 (2006)
88. “*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 Jet Probability b -tagging*”
A. Abulencia *et al.* [CDF Collaboration and CDF - Run II Collaboration], Phys. Rev. D **74**, 072006 (2006)
89. “*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 $\sqrt{s} = 1.96$ TeV*”
A. Abulencia *et al.* [CDF Collaboration], Phys. Rev. Lett. **97**, 211802 (2006)
90. “*Search for excited and exotic muons in the $\mu\gamma$ decay channel in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV*”
A. Abulencia *et al.* [CDF Collaboration], Phys. Rev. Lett. **97**, 191802 (2006)
91. “*Measurement of the $B_s^0 - \bar{B}_s^0$ Oscillation Frequency*”
A. Abulencia *et al.* [CDF - Run II Collaboration], Phys. Rev. Lett. **97**, 062003 (2006)
92. “*First results of the instrumentation line for the deep-sea ANTARES neutrino telescope*”
J. A. Aguilar *et al.* [ANTARES Collaboration], Astropart. Phys. **26**, 314 (2006)
93. “*Measurement of the $t\bar{t}$ Production Cross Section in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV*”
A. Abulencia *et al.* [CDF Collaboration], Phys. Rev. Lett. **97**, 082004 (2006)
94. “*Search for a neutral Higgs boson decaying to a W boson pair in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV*”
A. Abulencia *et al.* [CDF Collaboration], Phys. Rev. Lett. **97**, 081802 (2006)
95. “*Top quark mass measurement from dilepton events at CDF II with the matrix-element method*”
A. Abulencia *et al.* [CDF Collaboration], Phys. Rev. D **74**, 032009 (2006)

96. “Measurement of the b jet cross-section in events with a Z boson in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”
A. Abulencia *et al.* [CDF Collaboration], Phys. Rev. D **74**, 032008 (2006)
97. “Search for new physics in lepton + photon + X events with 305 pb^{-1} of $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”
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98. “Measurement of the ratio of branching fractions $B(D0 \rightarrow K^+\pi^-) / B(D0 \rightarrow K^-\pi^+)$ using the CDF II Detector”
A. Abulencia *et al.* [CDF Collaboration], Phys. Rev. D **74**, 031109 (2006)
99. “Search for large extra dimensions in the production of jets and missing transverse energy in p anti- p collisions at $s^{1/2} = 1.96$ TeV”
A. Abulencia *et al.* [CDF Collaboration], Phys. Rev. Lett. **97**, 171802 (2006)
100. “Measurement of the t anti- t production cross section in p anti- p collisions at $s^{1/2} = 1.96$ TeV using missing $E(t)$ + jets events with secondary vertex b -tagging”
A. Abulencia *et al.* [CDF Collaboration], Phys. Rev. Lett. **96**, 202002 (2006)
101. “Measurement of the B_c^+ meson lifetime using $B_c^+ \rightarrow J/\psi e + \nu_e$ ”
A. Abulencia *et al.* [CDF Collaboration], Phys. Rev. Lett. **97**, 012002 (2006)
102. “Search for high-mass resonances decaying to $e\mu$ in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”
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103. “Search for $Z' \rightarrow e^+e^-$ using dielectron mass and angular distribution”
A. Abulencia *et al.* [CDF Collaboration], Phys. Rev. Lett. **96**, 211801 (2006)
104. “Measurement of the top quark mass using template methods on dilepton events in proton antiproton collisions at $\sqrt{s} = 1.96$ TeV”
A. Abulencia *et al.* [CDF Collaboration], Phys. Rev. D **73**, 112006 (2006)
105. “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], Phys. Rev. Lett. **96**, 231801 (2006)
106. “Measurement of $\sigma(\Lambda_b^0) / \sigma(\bar{B}^0) \times BR(\Lambda_b^0 \rightarrow \Lambda_c^+ p i^-) / BR(\bar{B}^0 \rightarrow D^+ p i^-)$ in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”
A. Abulencia *et al.* [CDF Collaboration], Phys. Rev. Lett. **98**, 122002 (2007)
107. “Measurement of the dipion mass spectrum in $X(3872) \rightarrow J/\psi\pi^+\pi^-$ decays”
A. Abulencia *et al.* [CDF Collaboration], Phys. Rev. Lett. **96**, 102002 (2006)
108. “A search for scalar bottom quarks from gluino decays in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”
A. Abulencia *et al.* [CDF Collaboration], Phys. Rev. Lett. **96**, 171802 (2006)
109. “Top quark mass measurement from dilepton events at CDF II”
A. Abulencia *et al.* [CDF Collaboration], Phys. Rev. Lett. **96**, 152002 (2006)
110. “Measurement of mass and width of the excited charmed meson states D_1^0 and D_2^{*0} ”
A. Abulencia *et al.* [CDF Collaboration], Phys. Rev. D **73**, 051104 (2006)
111. “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], Phys. Rev. D **73**, 051101 (2006)

112. “Measurement of the inclusive jet cross section using the K_T algorithm in p anti- p collisions at $\sqrt{s} = 1.96$ TeV”
A. Abulencia *et al.* [CDF II Collaboration], Phys. Rev. Lett. **96**, 122001 (2006)
113. “Search for H to b anti- b produced in association with W bosons in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”
A. Abulencia *et al.* [CDF Collaboration], Phys. Rev. Lett. **96**, 081803 (2006)
114. “Search for second-generation scalar leptoquarks in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”
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115. “Measurement of the inclusive jet cross section in $p\bar{p}$ interactions at $\sqrt{s} = 1.96$ TeV using a cone-based jet algorithm”
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116. “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 $\sqrt{s} = 1.96$ TeV”
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