Niharika Ranjan

Phone: (765) 280-1804

E-mail: nranjan@purdue.edu

135 Nimitz Dr Apt 13 West Lafayette, Indiana 47906

JOURNAL PUBLICATIONS

- Search for anomalous production of multiple leptons in association with W and Z bosons at CDF, T. Aaltonen et al., The CDF Collaboration, submitted to Phys. Rev D February 7, 2012. Fermilab-Pub-12-030-E. arXiv: 1202.1260.
- 2. Search for the rare radiative decay $W \to \pi \gamma$ in $p\bar{p}$ collisions at $\sqrt{s} = 1.96 \text{TeV}$, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. D85.032001 (2012). arXiv: 1104.1585.
- 3. 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., The CDF Collaboration, Submitted to Phys. Rev. Lett. January 24, 2012. Fermilab-Pub-12-017-E. arXiv: 1201.4880.
- 4. 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., The CDF Collaboration, Phys. Rev. D85.011104 (2012). arXiv:1112.1577.
- 5. Measurement of CP-violating asymmetries in $D^0 \to \pi^+\pi^-$ and $D^0 \to K^+K^-$ decays at CDF, T. Aaltonen et al, The CDF Collaboration, Phys. Rev. D85.012009 (2012). arXiv:1111.5023.
- 6. 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., The CDF Collaboration, Phys. Rev. Lett. 108.011801 (2012). arXiv: 1109.4427.
- 7. Search for high-mass resonances decaying into **ZZ** in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. D85.012008 (2012). arXiv:1111.3432.
- 8. Search for WZ+ZZ production with missing transverse energy+jets with b enhancement at $\sqrt{s} = 1.96$ TeV, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. D85.012002 (2012). arXiv: 1108.2060.
- 9. Measurement of the B_s^0 Lifetime in Fully and Partially Reconstructed $B_s^0 \to D_s^-(\phi\pi^-)X$ Decays in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. Lett. 107.272001 (2011). arXiv: 1103.1864.
- 10. Measurement of angular distributions of Upsilon(nS) to $\mu^+\mu^-$ decays at $\sqrt{s} = 1.96$ TeV, T. Aaltonen et al., The CDF Collaboration, Submitted to Phys. Rev. Lett. December 6, 2011. Fermilab-Pub-11-644-E. arXiv:1112.1591.
- 11. Measurement of ZZ production in leptonic final states at \sqrt{s} of 1.96 TeV at CDF, T. Aaltonen et al., The CDF Collaboration, submitted to Phys. Rev. Lett. December 13, 2011. Fermilab-Pub-11-656-E. arXiv: 1112.2978.

- 12. Measurement of the Ratio of Branching Fractions $BR(\Lambda_b^0 \to \Lambda_c^3 \pi)/BR(\Lambda_b^0 \to \Lambda_c^\pi)$, T. Aaltonen et al., The CDF Collaboration, Submitted to Phys. Rev. D December 14, 2011. Fermilab-Pub-11.658.E. arXiv:1112.3334.
- 13. Measurement of the Top Quark Mass in the All-Hadronic Mode at CDF, T. Aaltonen et al., The CDF Collaboration, Submitted to Phys. Rev. Lett. December 22, 2011. Fermilab-Pub-11-668-E. arXiv:1112.4891v1.
- 14. Observation of Exclusive Production in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV, T. Aaltonen et al., The CDF Collaboration. submitted to Phys. Rev. Lett. December 6, 2011. Fermilab-Pub-11-643-PPD. ArXiv: 1112.0858.
- 15. Search for SM Higgs Boson Production in Association with a W Boson Using a Matrix Element Technique, T. Aaltonen et al., The CDF Collaboration, Submitted to Phys. Rev. D December 20, 2011. Fermilab-Pub-11-664-E. arXiv:1112.4358.
- 16. Measurement of CP Violating Phase β_s in $B_s^0 \to J/\psi\phi$ Decays, T. Aaltonen et al., The CDF Collaboration, Submitted to Phys. Rev. D December 7, 2011. Fermilab-Pub-11-646.E. arXiv:1112.1726.
- 17. Measurement of Polarization and Search for CP Violation in $B_s^0 \to \phi \phi$ Decays, T. Aaltonen et al., The CDF Collaboration, Phy. Rev. Lett. 107.261802 (2011). arXiv: 1107.4999.
- 18. Evidence for the charmless annihilation decay mode $B_s^0 \to \pi^+\pi^-$, T. Aaltonen et al., The CDF Collaboration, submitted to Phys. Rev. Lett. November 2, 2011. Fermilab-Pub-11-585-E. arXiv: 1111.0485.
- 19. Top-Quark Mass Measurement Using Events with Missing Transverse Energy and Jets at CDF, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. Lett. 107.232002 (2011). arXiv:1109.1490.
- 20. Search for New T' Particles in Final States with Large Jet Multiplicities and Missing Transverse Energy in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. Lett. 107.191803 (2011). arXiv: 1107.3574.
- 21. Measurements of branching fraction ratios and CP-asymmetries in suppressed $B^- \to D(\to K^+\pi^-)K^- and B^- \to D(\to K^+\pi^-)\pi^-$ decays, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. D84.091504 (2011). arXiv: 1108.5765.
- 22. Observation of the Baryonic Flavor-Changing Neutral Current Decay $\Lambda_b^0 \to \Lambda \mu^+ \mu^-$, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. Lett. 107.201802 (2011). arXiv: 1107.3753.
- 23. Search for a Heavy Top-Like Quark in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. Lett. 107.261801 (2011). arXiv:1107.3875.
- 24. Search for $B_s^0 \to \mu^+\mu^-$ and $B^0 \to \mu^+\mu^-$ Decays with CDF II, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. Lett. 107.239903 (2011). arXiv: 1107.2304.

- 25. Search for New Physics in High p(t) Like-Sign Dilepton Events at CDF KK, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. Lett. 107, 181801 (2011). arXiv: 1108.0101.
- 26. 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., The CDF Collaboration, Phys. Rev. D84.072003 (2011). arXiv: 1108.4755.
- 27. Search for resonant production of $t\bar{t}$ pairs in $4.8fb^{-1}$ of integrated luminosity of $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. D84.072004 (2011). arXiv: 1107.5063.
- 28. 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., The CDF Collaboration, Phys. Rev. D84, 071109 (2011). arXiv: 1108.1601.
- 29. Measurement of the Cross Section for Prompt Isolated Diphoton Production in p anti-p Collisions at $\sqrt{s} = 1.96$ TeV, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. D84, 052006 (2011). arXiv: 1106.5131.
- 30. Measurement of the Cross Section for Prompt Isolated Diphoton Production in p anti-p Collisions at $\sqrt{s} = 1.96$ TeV, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. Lett. 107, 102003 (2011). arXiv: 1106.5123.
- 31. Measurement of Branching Ratio and B_s^0 Lifetime in the Decay $B_s^0 \to J/\psi f_0(980)$ at CDF, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. D84 052012 (2011). arXiv: 1106.3682.
- 32. Search for the Higgs Boson in the All-Hadronic Final State Using the CDF II Detector, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. D84, 052010 (2011). arXiv: 1102.0024.
- 33. Measurements of the Angular Distributions in the Decays $B \to K(*)\mu^+\mu^-$ at CDF, T. Aaltonen et al., The CDF Collaboration, submitted to Phys. Rev. Lett. August 1, 2011. Fermilab-Pub-11-364-PPD. arXiv: 1108.0695.
- 34. **Observation of the** χ_b^0 **Baryon**, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. Lett. 107, 102001 (2011). arXiv: 1107.4015.
- 35. Evidence for $t\bar{t}\gamma$ Production and Measurement of $\sigma_{t\bar{t}\gamma}/\sigma_{t\bar{t}}$, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. D84, 031104 (2011). arXiv: 1106.3970.
- 36. Measurement of the Top Pair Production Cross Section in the Lepton + Jets Channel Using a Jet flavor Discriminant, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. D84, 0311101(R) (2011). arXiv: 1103.4821.
- 37. Measurement of the tt-bar Production Cross Section in p anti-p Collisions at $\sqrt{s} = 1.96$ TeV Using Events with Large Missing E(t) and Jets, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. D84, 032003 (2011). arXiv: 1105.1806.

- 38. Search for Higgs Bosons Produced in Association with b-Quarks, T. Aaltonen et al., The CDF Collaboration, submitted to Phys. Rev. D June 24, 2011. Fermilab-Pub-11-294-E-PPD. arXiv: 1106.4782.
- 39. First Search for Multijet Resonances in $\sqrt{s} = 1.96$ TeV p anti-p Collisions, T. Aaltonan et al., The CDF Collaboration, Phys. Rev. Lett. 107, 042001 (2011). arXiv: 1105.2815.
- 40. Search for New Dielectron Resonances and Randall-Sundrum Gravitons at the Collider Detector at Fermilab, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. Lett. 107, 051801 (2011). arXiv: 1103.4650.
- 41. Search for a Very Light CP-Odd Higgs Boson in Top Quark Decays from p anti-p Collisions at $\sqrt{s} = 1.96$ TeV, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. Lett. 107, 031801 (2011). arXiv: 1104.5701.
- 42. Measurements of the Properties of $\Lambda_c(2595)$, $\Lambda_c(2625)$, $\Sigma_c(2455)$ and $\Sigma_c(2520)$ Baryons, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. D84, 012003 (2011). arXiv: 1105.5995.
- 43. Limits on Anomalous Trilinear Gauge Couplings in Zgamma Events from p anti-p Collisions at $\sqrt{s} = 1.96$ TeV, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. Lett. 107, 051802 (2011). arXiv: 1103.2990.
- 44. Search for New Heavy Particles Decaying to $ZZ \rightarrow ellellell, ellelljj$ in pp-bar Collisions at $\sqrt{s} = 1.96$ TeV, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. D83, 112008 (2011). arXiv: 1102-4566.
- 45. Top Quark Mass Measurement using the Template Method at CDF, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. D83, 111101 (2011). arXiv: 1105.0192.
- 46. Evidence for a Mass Dependent Forward-Backward Asymmetry in Top Quark Pair Production, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. D83, 112003 (2011). arXiv: 1101.0034.
- 47. Search for Production of Heavy Particles Decaying to Top-Quarks and Invisible Particles in p anti-p Collisions at s**(1/2) 1.96 TeV, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. Lett. 106, 191801 (2011). arXiv: 1103.2482.
- 48. Measurements of Direct CP Violating Asymmetries in Charmless Decays of Strange Bottom Mesons and Bottom Baryons, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. Lett. 106, 181802 (2011). arXiv: 1103.5762.
- 49. Measurement of the tt-bar Production Cross Section with an in situ Calibration of b-jet Identification Efficiency, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. D83, 071102 (2011). arXiv: 1007.4423.
- 50. Measurement of the Mass Difference between t and t-bar Quarks at CDF, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. Lett. 106, 161801 (2011).

- 51. Search for Heavy Bottom-like Quarks Decaying to an Electron or Muon and Jets in p anti-p Collisions at s**(1/2) 1.96 TeV, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. Lett. 106, 141803 (2011). arXiv: 1101.5728.
- 52. Measurement of the Forward-Backward Asymmetry in the $B \to K(*)\mu^+\mu^-$ Decay and First Observation of the $B_s^0 \to \phi \mu^+\mu^-$ Decay, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. Lett. 106, 161801 (2011). arXiv: 1101.1028.
- 53. Invariant Mass Distribution of Jet Pairs Produced in Association with a W Boson in p anti-p Collisions at s**(1/2) 1.96 TeV, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. Lett. 106, 171801 (2011)
- 54. Search for the Rare Radiative Decay: $W \to \pi^+ \gamma$ in p anti-p Collisions at s**(1/2) 1.96 TeV, T. Aaltonen et al., The CDF Collaboration, submitted to Phys. Rev. Lett. April 8, 2011. Fermilab-Pub-11-171-E. arXiv: 1104.1585.
- 55. First Measurement of the Angular Coefficients of Drell-Yan e+e- Pairs in the Z Mass Region from p anti-p Collisions at s**(1/2) 1.96 TeV, T. Aaltonen et al., The CDF Collaboration, submitted to Phys. Rev. March 30, 2011. Fermilab-Pub-11-153-E. arXiv: 1103.5699.
- 56. Search for High Mass Resonances Decaying to Muon Pairs in s**(1/2) 1.96 TeV p anti-p Collisions, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. Lett. 106, 121801 (2011).
- 57. Limits on Anomalous Trilinear Gauge Couplings in Z gamma Events, T. Aaltonen et al., The CDF Collaboration, submitted to Phys. Rev. Lett. March 15, 2011. Fermilab-Pub-11-065-E. arXiv: 1103.2990.
- 58. Observation of $B0(s) \rightarrow J/psiK*(892)0$ and $B0(s) \rightarrow J/psiK0(s)$ Decays, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. D83, 052012 (2011). arXiv: 1102.1961.
- 59. Measurement of Event Shapes in p anti-p Collisions at s**(1/2) 1.96 TeV, T. Aaltonen et al., The CDF Collaboration, submitted to Phys. Rev. D March 29, 2011. Fermilab-Pub-11-157-E. arXiv: 1103.5143.
- 60. Measurement of b Hadron Lifetime in Exclusive Decays Containing a J/psi in p anti-p Collisions at s**(1/2) 1.96 TeV, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. Lett. 106, 121804 (2011). arXiv: 1012.3093.
- 61. Search for New Heavy Particles Decaying to ZZ → llll, lljj in p anti-p Collisions at s**(1/2) 1.96 TeV, T. Aaltonen et al., The CDF Collaboration, submitted to Phys. Rev. Lett. February 22, 2011. Fermilab-Pub-11-036-E. arXiv: 1102-4566.
- 62. Measurement of the B- Lifetime Using a Simulation Free Approach for Trigger Bias Correction, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. D83, 032008 (2011). arXiv: 1004.4855.
- 63. Search for New Heavy Gauge Boson W' with Event Signature Electron+Missing Transverse Energy in p anti-p Collisions at s**(1/2) 1.96 T, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. D83, 031102 (2011). arXiv: 1012.5145.

- 64. Measurement of the Top Quark Mass in the Lepton+Jets Channel Using the Lepton Transverse Momentum, T. Aaltonen et al., The CDF Collaboration, submitted to Phys. Lett. B January 26, 2011. Fermilab-Pub-11-015-E. arXiv: 1101.4926.
- 65. Observation of the Y(4140) Structure in the J/psi phi Mass Spectrum in $B+/-\to J/psi\phi K+/-$ Decays, T. Aaltonen et al., The CDF Collaboration, submitted to Phys. Rev. Lett. January 31, 2011. Fermilab-Pub-11-019-E. arXiv: 1101.6058.
- 66. Search for the Higgs Boson in the All-Hadronic Final State Using the CDF II Detector, T. Aaltonen et al., The CDF Collaboration.
- 67. Search for Randall-Sundrum Gravitons in the Diphoton Channel at CDF, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. D83, 011102 (2011). arXiv: 1012.2795.
- 68. Measurement of t anti-t Spi+n Correlation in p anti-p Collisions Using the CDF II Detector at the Tevatron, T. Aaltonen et al., The CDF Collaboration, submitted to Phys. Rev. Lett. December 15, 2010. Fermilab-Pub-10-513-E. arXiv: 1012.3093.
- 69. Measurement of the WW + WZ Production Cross Section using a Matrix Element Technique in Lepton + Jets Events, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. D82, 112001 (2010). arXiv: 1008.4404.
- 70. Improved Search for a Higgs Boson Produced in Association with $Z \to l + l in$ p anti-p Collisions at s**(1/2) 1.96 TeV, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. Lett. 105, 251802 (2010). arXiv: 1009.3047.
- 71. Search for Randall-Sundrum Gravitons in the Diphoton Channel at CDF, T. Aaltonen et al., The CDF Collaboration, submitted to Phys. Rev. Lett. December 13, 2010. Fermilab-Pub-10-498-E. arXiv: 1012.2795.
- 72. Top Quark Mass Measurement in the Lepton + Jets Channel Using a Matrix Element Method and in situ Jet Energy Calibration, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. Lett. 105, 252001 (2010). arXiv: 1010.4582.
- 73. Direct Top Quark Width Measurement at CDF, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. Lett. 105, 232003 (2010). arXiv: 1008.3891.
- 74. **Diffractive W and Z Production at the Fermilab Tevatron**, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. D82, 112004 (2010). arXiv: 1007.5048.
- 75. Observation of Single Top Quark Production and Measurement of —V(tb)— with CDF, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. D82, 112005 (2010). arXiv: 1004.1181.
- 76. Updated Search for the Flavor-Changing Neutral-Current Decay $D0 \to \mu^+\mu^-$, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. D82, 091105 (2010). Fermilab-Pub-10-337-E. arXiv: 1008.5077.
- 77. Search for Supersymmetric Partner of the Top Quark in p anti-p Collisions at s**(1/2) 1.96 TeV, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. D82, 092001 (2010). arXiv: 1009.0266.

- 78. Search for R-Parity Violating Decays of tau Sneutrinos to e mu, mu tau, and e tau Pairs in p anti-p Collisions at s**(1/2) 1.96 TeV, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. Lett. 105, 191801 (2010). arXiv: 1004.3042.
- 79. Measurement of the Top Pair Production Cross Section in the Dilepton Decay Channel in p anti-p Collisions at s**(1/2) 1.96 TeV, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. D82, 052002 (2010). arXiv: 1002.2919.
- 80. Search for Anomalous Production of Events with Two Photons and Additional Energetic Objects at CDF, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. D82, 052005 (2010). arXiv: 0910.5170.
- 81. Search for New Physics with a Dijet Plus Missing E(t) Signature in p anti-p Collisions at s**(1/2) 1.96 TeV, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. Lett. 105, 131801 (2010). arXiv: 0903.2850.
- 82. Measurement of d sigma/dy of Drell-Yan e+e- Pairs in the Z Mass Region from p anti-p Collisions at s**(1/2) 1.96 TeV, T. Aaltonen et al., The CDF Collaboration, Phys. Lett. B, 692 (2010). arXiv: 0908.3914.
- 83. Measurement of Z_{γ} Production in p anti-p Collisions at s**(1/2) 1.96 TeV, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. D82, 031103 (2010). arXiv: 1004.1140.
- 84. Studying the Underlying Event in Drell-Yan and High Transverse Momentum Jet Production at the Tevatron, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. D82, 034001 (2010). arXiv: 1003.3146.
- 85. Search for the Production of Scalar Bottom Quarks in p anti-p Collisions at s**(1/2) 1.96 TeV, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. Lett. 105, 081802 (2010). arXiv: 1005.3600.
- 86. Exclusion of an Exotic Top Quark with -4/3 Electric Charge Using Soft Lepton Tagging, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. Lett. 105, 101801 (2010). arXiv: 1006.4597.
- 87. Measurement of W-Boson Polarization in Top-quark Decay in p anti-p Collisions at s**(1/2) 1.96 TeV, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. Lett. 105, 042002 (2010). Fermilab-Pub-10-041-E. arXiv: 1003.0224.
- 88. Study of Multi-Muon Events Produced in p anti-p Collisions at s**(1/2) 1.96 TeV, T. Aaltonen et al., The CDF Collaboration, Eur. Phys. J. C68 (2010)
- 89. Search for a New Color-Octet Vector Particle Decaying to t anti-t Collisions at s**(1/2) 1.96 TeV, Phys. Lett. B, 691 (2010). Fermilab-Pub-09-578-E. arXiv: 0911.3112.
- 90. Search for WW and WZ Resonances Decaying to Electron, Missing E(t), and Two Jets in p anti-p Collisions at s**(1/2) 1.96 TeV, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. Lett. 104, 241801 (2010). Fermilab-Pub-10-096-E. arXiv: 1004.4946.

- 91. Combined Tevatron Upper Limit on $gg \to H \to W + W -$ and Constraints on the Higgs Boson Mass in Fourth-Generation Fermion Models, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. D82, 011102 (2010). arXiv: 1005.3216.
- 92. Measurement of the W+W- Production Cross Section and Search for Anomalous WWg and WWZ Couplings, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. Lett. 104, 201801 (2010). arXiv: 0912.4691.
- 93. Search for Pair Production of Supersymmetric Top Quarks in Dilepton Events from p anti-p Collisions at s**(1/2) 1.96 TeV, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. Lett. 104, 251801 (2010). arXiv: 0912.1308.
- 94. First Measurement of the Ratio $sigma_{tt} bar/sigma_Z/gamma* \rightarrow ellell$ and Precise Extraction of the tt-bar Cross Section, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. Lett. 105, 012001 (2010). arXiv: 1004.3224.
- 95. Search for Single Top Quark Production in p anti-p Collisions at 1.96 TeV in the Missing Transverse Energy Plus Jets Topology, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. D81, 072003 (2010). arXiv: 1001.4577.
- 96. A Search for the Higgs Boson Using Neural Networks in Events with Missing Energy and b-quark Jets in p anti-p Collisions at s**(1/2) 1.96 TeV, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. Lett. 104, 141801 (2010). arXiv: 0911.3935.
- 97. Measurement of the b-jet Cross Section in Events with a W Boson in p anti-p Collisions at s**(1/2) 1.96 TeV, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. Lett. 104, 131801 (2010). arXiv: 0909.1505.
- 98. Measurement of the Top Quark Mass and p anti-p → tt-bar Cross Section in the All-Hadronic Mode with the CDF II Detector, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. D81, 052001 (2010). arXiv: 1002.0365.
- 99. Measurement of the WW+WZ Production Cross Section using Lepton+Jets Final State at CDF II, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. Lett. 104, 101801 (2010). arXiv: 0911.4449.
- 100. Search for New Bottomlike Quark Pair Decays QQ- → (t W-/+)(t-bar W+/-) in Same-Charge Dilepton Events, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. Lett. 104, 091801 (2010). arXiv: 0912.1057.
- 101. Search for Technicolor Particles Produced in Association with a W Boson at CDF, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. Lett. 104, 111802 (2010). arXiv: 0912.2059.
- 102. Study of the Associated Production of Photons and b-quark Jets in p anti-p Collisions at s**(1/2) 1.96 TeV, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. D81, 052006 (2010). arXiv: 0912.3453.
- 103. Measurement of the Lambda0(b) Lifetime in $\lambda 0(b) \to \lambda +_c pi + -$ Decays in p anti-p Collisions at s**(1/2) 1.96 TeV, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. Lett. 104, 102002 (2010). arXiv: 0912.3566.

- 104. Measurements of the Branching Fraction Ratios and CP Asymmetries in $B \to D0_{CP}K + /-$ Decays in Hadron Collisions, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. D81, 031105 (2010). arXiv: 0911.0425.
- 105. Measurement of the Top Quark Mass in the Dilepton Channel Using m_{t2} at CDF, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. D81, 031102 (2010). arXiv: 0911.2956.
- 106. Inclusive Search for Standard Model Higgs Boson Production in the WW Decay Channel Using the CDF II Detector, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. Lett. 104, 061803 (2010). arXiv: 1001.4468.
- 107. Measurement of the tt-bar Production Cross Section in p anti-p Collisions at s**(1/2) .96 TeV using Soft Electron b-Taggi, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. D81, 092002 (2010). arXiv: 1002.3783.
- 108. Search for Supersymmetry with Gauge-Mediated Breaking in Diphoton Events with Missing Transverse Energy at CDF II, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. Lett. 104, 011801 (2010). arXiv: 0910.3606.
- 109. Combination of Tevatron Searches for the Standard Model Higgs Boson in the W+W- Decay Mode, T. Aaltonen et al., The CDF Collaboration, submitted to Phys. Rev. Lett. January 25, 2010. Fermilab-Pub-10-017-E. arXiv: 1001.4162.
- 110. Measurement of the Inclusive Isolated Prompt Photon Cross Section in p anti-p Collisions at s**(1/2) .96 TeV using the CDF Detector, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. D80, 11106 (2009). arXiv: 0910.3623.
- 111. A Search for the Associated Production of the Standard Model Higgs Boson in the All-Hadronic Channel, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. Lett. 103, 221801 (2009). arXiv: 0907.0810.
- 112. Search for Higgs Bosons Predicted in Two-Higgs-Doublet Models Via Decays to Tau lepton Pairs in 1.96 TeV p anti-p Collisions, A. Aaltonen et al., The CDF Collaboration, Phys. Rev. Lett. 103, 201801 (2009).
- 113. Measurement of the tt-bar Production Cross Section in 2 fb-1 of p anti-p Collisions at s**(1/2) .96 TeV Using Lepton Plus ts Events with Soft Muon Tagging, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. D79, 052007 (2009). arXiv: 0901.4142.
- 114. First Observation of $B bar0_s \to D + / -_s K / +$ and Measurement of the Ratio of Branching Fractions $B(B bar0_s \to D + / -_s K / +)/B(B bar0_s > D +_s pi + -)$, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. Lett. 103, 191802 (2009).
- 115. Measurements of the Top-Quark Mass Using Charged Particle Tracking, T. Aaltonen et al., The CDF Collaboration, submitted to Phys. Rev. D October 7, 2009. Fermilab-Pub-09-464-E. arXiv: 0910.0969.
- 116. A Search for the Higgs Boson Produced in Association with Z → ell+ ell- Using the Matrix Element Method at CDF II, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. D80, 071101 (2009). arXiv: 0908.3534.

- 117. Observation of the $Omega_b$ and Measurement of the Properties of the Xi_{-b} and $Omega_{-b}$ Baryons, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. D80, 072003 (2009). arXiv: 0905.3123.
- 118. Precision Measurement of the X(3872) Mass in J/psi pi+ pi+- Decays, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. Lett. 103, 152001 (2009).
- 119. First Observation of Vector Boson Pairs in a Hadronic Final State at the Tevatron Collider, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. Lett. 103, 091803 (2009). arXiv: 0905.4714.
- 120. Measurement of the Mass of the Top Quark Using the Invariant Mass of Lepton Pairs in Soft Muon b-tagged Events, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. D80, 051104 (2009). arXiv: 0906.5371.
- 121. Search for a Standard Model Higgs Boson in WH \rightarrow l nu bb-bar in p anti-p Collisions at s**(1/2) .96 T, Phys. Rev. Lett. 103, 101802 (2009). arXiv: 0906.5613.
- 122. Search for Charged Higgs Bosons in Decays of Top Quarks in p anti-p Collisions at s**(1/2) .96 T, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. Lett. 103, 101803 (2009). arXiv: 0907.1269.
- 123. Search for the Neutral Current Top Quark Decay t → Zc Using Ratio of Z-Boson + 4 Jets to W-Boson + 4 Jets Production, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. D80, 052001 (2009). arXiv: 0905.0277.
- 124. Search for Anomalous Production of Events with a Photon, Jet, b-quark Jet, and Missing Transverse Energy, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. D80, 052003 (2009). arXiv: 0905.0231.
- 125. Search for Hadronic Decays of W and Z Bosons in Photon Events in p anti-p Collisions at s**(1/2) .96 T ,T. Aaltonen et al., The CDF Collaboration, Phys. Rev. D80, 052011 (2009). arXiv: 0803.4264.
- 126. Measurement of d sigma/dy of Drell-Yan e+e- Pairs in the Z Mass Region from p anti-p Collisions at s**(1/2) .96 T, T. Aaltonen et al., The CDF Collaboration, Fermilab-Pub-09-402-E. arXiv: 0908.3914. Submitted to Phys. Rev. Lett. August 27, 2009.
- 127. Observation of Electroweak Single Top Quark Production, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. Lett. 103, 092002 (2009). arXiv: 0903.0885.
- 128. Search for a Fermiophobic Higgs Boson Decaying into Diphotons in p anti-p Collisions at s**(1/2) .96 T, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. Lett. 103, 061803 (2009). arXiv: 0905.0413.
- 129. Search for the Production of Narrow tb-bar Resonances in 1.9 fb-1 of p anti-p Collisions at s**(1/2) .96 T, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. Lett. 103, 041801 (2009). arXiv: 0902.3276.
- 130. Production of psi(2S) Mesons in p anti-p Collisions at 1.96 TeV, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. D80, 031103 (2009). arXiv: 0905.1982.

- 131. Searching the Inclusive ell_{γ} Missing E(t) + b-quark Signature for Radiative Top Quark Decay and Non-Standard-Model Processes, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. D80, 011102 (2009). arXiv: 0906.0518.
- 132. Search for Hadronic Decays of W and Z in Photon Events in p anti-p Collisions at s**(1/2) .96 T, T. Aaltonen et al., The CDF Collaboration, Eur. Phys. J. C62: 319:326 (2009). arXiv: 0903.2060.
- 133. Search for a Standard Model Higgs Boson Production in Association with a W Boson using a Neural Network Discriminant at CDF, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. D80, 012002 (2009).
- 134. Search for Long-Lived Massive Charged Particles in 1.96 TeV p anti-p Collisions, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. Lett. 103, 021802 (2009). arXiv: 0902.1266.
- 135. Observation of New Charmless Decays of Bottom Hadrons, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. Lett. 103, 031801 (2009).
- 136. Precision Measurement of the X(3872) Mass in J/psi pi++ pi+- Decays, T. Aaltonen et al., The CDF Collaboration, Fermilab-Pub-09-330-E. arXiv: 0906.5218. Submitted to Phys. Rev. Lett. June 29, 2009.
- 137. First Measurement of the tt-bar Differential Cross Section $dsigma/dM_{tt} bar$ in p anti-p Collisions at s**(1/2) .96 T, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. Lett. 102, 222003 (2009). arXiv: 0903.2850.
- 138. Evidence for a Narrow Near-Threshold Structure in the J/psi phi Mass Spectrum in B+ → J/psi phi K+ Decays, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. Lett. 102, 242002 (2009). arXiv: 0903.2229.
- 139. Search for Gluino-Mediated Bottom Squark Production in p anti-p Collisions at s**(1/2) .96 T, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. Lett. 102, 221801 (2009). arXiv: 0903.2618.
- 140. Search for Exclusive Z Boson Production and Observation of High Mass p anti-p \rightarrow p gamma gamma p-bar \rightarrow p ell+ ell- p-bar Events in p anti-p Collisions at $s^{**}(1/2)$.96 TeV, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. Lett. 102, 222002 (2009). arXiv: 0902.2816.
- 141. Measurement of the Particle Production and Inclusive Differential Cross Sections in p anti-p Collisions at s**(1/2) .96 T, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. D79, 112005 (2009).
- 142. Search for WW and WZ Production in Lepton Plus Jets Final States at CDF, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. D79, 112011 (2009). arXiv: 0903.0814.
- 143. First Simultaneous Measurement of the Top Quark Mass in the Lepton + Jets and Dilepton Channels at CDF, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. D79, 092005 (2009). arXiv: 0809.4808.

- 144. A Measurement of the t anti-t Cross Section in p anti-p Collisions at sqrt s .96 TeV using Dilepton Events with a Lepton plus Track Selecti, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. D79, 112007 (2009). arXiv: 0903.5263.
- 145. Measurement of the Top Quark Mass at CDF using the "neutrino phi weighting" Template Method on a Lepton Plus Isolated Track Sample, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. D79, 072005 (2009). arXiv: 0901.3773.
- 146. Observation of Exclusive Charmonium Production and gamma gamma → mu+ mu- in p anti-p Collisions at s**(1/2) .96 T, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. Lett. 102, 242001 (2009). arXiv: 0902.1271.
- 147. Measurement of the k_T Distribution of Particles in Jets Produced in p anti-p Collisions at $s^{**}(1/2)$.96 T, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. Lett. 102, 232002 (2009). arXiv: 0811.2820.
- 148. Search for New Particles Decaying into Dijets in Proton-Antiproton Collisions at s**(1/2) .96 T, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. D79, 112002 (2009). arXiv: 0812.4036.
- 149. Search for the Decays $B0_s \to e + mu and B0_s \to e + e$ in CDF Run II, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. Lett. 102, 201801 (2009). arXiv: 0901.3803.
- 150. Search for Top-Quark Production via Flavor-Changing Neutral Currents in W + 1 Jet Events at CDF, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. Lett. 102, 151801 (2009). arXiv: 0812.3400.
- 151. Direct Measurement of the W Production Charge Asymmetry in p anti-p Collisions at s**(1/2) .96 T, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. Lett. 102, 181801 (2009). arXiv: 0901.2169.
- 152. Top Quark Mass Measurement in the tt-bar All Hadronic Channel Using a Matrix Element Technique in p anti-p Collisions at s**(1/2) .96 T, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. D79, 072010 (2009). arXiv: 0811.1062.
- 153. Measurement of the b-Hadron Production Cross Section Using Decays to mu-D0X Final States in p anti-p Collisions at s**(1/2) .96 T, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. D79, 092003 (2009). arXiv: 0903.2403.
- 154. Top Quark Mass Measurement in the Lepton Plus Jets Channel Using a Modified Matrix Element Method, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. D79, 072001 (2009). arXiv:0812.4469.
- 155. Measurement of the Top Quark Mass with Dilepton Events Selected Using Neuroevolution at CDF II, Phys. Rev. Lett. 102, 152001 (2009). arXiv:0807.4652.
- 156. Inclusive Search for Squark and Gluino Production in p anti-p Collisions at s**(1/2) .96 T, T. Aaltonen et al., The CDF Collaboration, Phys. Phys. Lett. 102, 121801 (2009). arXiv: 0811.2512.

- 157. A Search for High-Mass Resonances Decaying to Dimuons at CDF, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. Lett. 102, 091805 (2009). arXiv:0811.0053.
- 158. Measurement of W-Boson Helicity Fractions in Top-Quark Decays using cos theta*, T. Aaltonen et al., The CDF Collaboration, Phys. Lett. B479, p. 160-167 (2009). arXiv: 0811.0344.
- 159. Measurement of the Cross Section for b Jet Production in Events with a Z Boson in p anti-p Collisions at s**(1/2) .96 T, T. Aaltonen et al., The CDF Collaboraton, Phys. Rev. D79, 052008 (2009). arXiv: 0812.4458.
- 160. Measurement of the Fraction of tt-bar Production via Gluon-Gluon Fusion in p anti-p Collisions at s**(1/2) .96 T, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. D79, 031101 (2009)
- 161. Measurement of Resonance Parameters of Orbitally Excited Narrow B0 Mesons, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. 102, 102003 (2009). arXiv:0809.5007.
- 162. Search for New Physics in the mu mu + e/mu + missing E(t) Channel with a low-p(t) Lepton Threshold at the Collider Detector at Fermilab, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. D79, 052004 (2009). arXiv:0810.3213.
- 163. Direct Bound on the Total Decay Width of the Top Quark in p anti-p Collisions at s**(1/2) .96 T, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. Lett. 102, 042001 (2009). arXiv:0808.2167. Fermilab-Pub-08-302-E.
- 164. First Measurement of the Ratio of Branching Fractions $B(Lambda0(b) Lambda+c mu nu bar_m u)/B(Lambda0(b) \rightarrow Lambda+c pi + -)$, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. D79, 032001 (2009). arXiv:0810.3213.
- 165. Search for Maximal Flavor Violating Scalars in Same-Charge Lepton Pairs in p anti-p Collisions at s**(1/2) .96 T, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. Lett. 102, 041801 (2009). arXiv:0809.4903.
- 166. Search for a Higgs Boson Decaying to Two W Bosons at CDF, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. Lett. 102, 021802 (2009). arXiv:0809.3930.
- 167. Search for High-Mass e+e- Resonances in p anti-p Collisions at s**(1/2) .96 T, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. Lett. 102, 031801 (2009). arXiv:0810.2059.
- 168. Search for the Rare B Decays $B+\to mu+mu-K+$, $B0\to mu+mu-K*(892)0$, and $B0(s)\to mu+mu-phi$ at CDF, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. D79, 011104(R) (2009). arXiv:0804.3908.
- 169. Search for Supersymmetry in p anti-p Collisions at s**(1/2) .96 TeV Using the Trilepton Signature of Chargino-Neutralino Producti, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. Lett. 101, 251801 (2008). arXiv:0808.2446.
- 170. Measurement of the Single Top Quark Production Cross Section at CDF, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. Lett. 101, 252001 (2008). arXiv:0809.2581.

- 171. Search for Higgs Boson Produced with $Z \rightarrow l+l-$ in p anti-p Collisions at $s^{**}(1/2)$. 96 T, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. Lett. 101, 251803 (2008). arXiv:0807.4493.
- 172. First Measurement of the Fraction of Top Quark Pair Production Through Gluon-Gluon Fusion, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. D78, 111101 (2008). arXiv:0712.3273.
- 173. Search for Large Extra Dimensions in Final States Containing One Photon or Jet and Large Missing Transverse Energy Produced in p anti-p Collisions at s**(1/2).96 T, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. Lett. 101, 181602 (2008). arXiv:0807.3132.
- 174. Forward-Backward Asymmetry in Top Quark Production in p anti-p Collisions at s**(1/2) .96 T, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. Lett. 101, 202001 (2008). arXiv:0806.2472.
- 175. Search for the Flavor Changing Neutral Current Decay tau → Zq in p anti-p Collisions at s**(1/2) .96 T, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. Lett. 101, 202001 (2008).
- 176. Measurement of b-jet Shapes in Inclusive Jet Production in p anti-p Collisions at s**(1/2) = 1.96 TeV, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. D78, 072005 (2008).
- 177. Global Search for New Physics with 2.0 fb-1 at CDF, T. Aaltonen et al., The CDF Collaboration, Fermilab-Pub-08-400-E. Submitted to Phys. Rev. D Rapi+d Communications September 11, 2008.
- 178. Measurement of the Inclusive Jet Cross Section at the Fermilab Tevatron p anti-p Collider Using a Cone-Based Jet Algorithm, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. D78, 052006 (2008).
- 179. Search for Heavy, Long-Lived Neutralinos that Decay to Photons at CDF II Using Photon Timing, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. D78, 032015 (2008).
- 180. 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).
- 181. Search for Pair Production of Scalar Top Quarks Decaying to a tau Lepton and a b Quark in p anti-p Collisions at s**(1/2) = 1.96 TeV, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. Lett. 101, 071802 (2008).
- 182. Search for Standard Model Higgs Boson Production in Association with a W Boson at CDF, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. D78, 032008 (2008).
- 183. Model-Independent and Quasi-Model-Independent Search for New Physics at CDF, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. D78, 012002 (2008).

- 184. Cross Section Measurements of High-p(t) Dilepton Final-State Processes Using a Global Fitting Method, A. Abulencia et al., The CDF Collaboration, Phys. Rev. D78, 012003 (2008). arXiv: hep-ex/0612058.
- 185. Strong Evidence for ZZ Production in p anti-p Collisions at s**(1/2) = 1.96 TeV, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. Lett. 100, 201801 (2008). arXiv:0801.4806.
- 186. Search for the Higgs Boson in Events with Missing Transverse Energy and b Quark Jets Produced in p anti-p Collisions at s**(1/2) = 1.96 TeV, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. Lett. 100, 211801 (2008).
- 187. First Run II Measurement of the W Boson Mass, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. D77, 112001 (2008).
- 188. Search for Third Generation Vector Leptoquarks in p anti-p Collisions at s**(1/2) = 1.96 TeV, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. D77, 092001 (2008).
- 189. Search for Resonant tt-bar Production in p anti-p Collisions at $s^{**}(1/2) = 1.96$ TeV, T. Aaltonen et al., The CDF Collaboraton, Phys. Rev. Lett. 100, 231801 (2008).
- 190. Measurement of Lifetime and Decay-Width Difference in B0(s) → J/psi phi Decays, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. Lett. 100, 121803 (2008).
- 191. Observation of the Decay $B+/-_c \rightarrow J/psipi++/-$ and Measurement of the $B+/-_c$ Mass, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. Lett. 100, 182002 (2008).
- 192. Measurement of Correlated bb-bar Production in p anti-p Collisions at s**(1/2) = 1960 GeV, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. D77, 072004 (2008).
- 193. Two-particle Momentum Correlations in Jets Produced in p anti-p Collisions at $s^{**}(1/2) = 1.96 \text{ TeV}$, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. D77, 092001 (2008). arXiv: 0802.3182.
- 194. First Flavor-Tagged Determination of Bounds on Mixing-Induced CP Violation in B0 → J/psi phi Decays, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. Lett. 100, 161802 (2008).
- 195. Evidence for D0-D-bar0 Mixing using the CDF II Detector, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. Lett. 100, 121802 (2008).
- 196. Search for Heavy Top-like Quarks Using Lepton Plus Jets Events in 1.96 TeV p anti-p Collisions, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. Lett. 100, 161803 (2008).
- 197. Measurement of Ratios of Fragmentation Fractions for Bottom Hadrons in p antip Collisions at s**(1/2) = 1.96 TeV, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. D77, 072003 (2008).
- 198. Measurement of Inclusive Jet Cross Sections in Z/gamma*(-; e+e-)+jets Production in p anti-p Collisions at s**(1/2) = 1.96 TeV, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. Lett. 100, 102001 (2008).

- 199. First Measurement of the Production of a W Boson in Association with a Single Charm Quark in p anti-p Collisions at s**(1/2) = 1.96 TeV, T. Aaltonen et al., The CDF Collaboraton, Phys. Rev. Lett. 100, 091803 (2008).
- 200. Search for B0(s) → mu+ mu- and B0(d) → mu+ mu- Decays in 2 fb-1 of p anti-p Collisions with CDF II, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. Lett. 100, 101802 (2008).
- 201. Observation of Exclusive Dijet Production at the Fermilab Tevatron p anti-p Collider, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. D77, 052004 (2008).
- 202. Limits on the Production of Narrow tt-bar Resonances in p anti-p Collisions at $s^{**}(1/2) = 1.96 \text{ TeV}$, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. D77, 051102 (2008).
- 203. Search for Chargino-Neutralino Production in p anti-p Collisions at s**(1/2) = 1.96 TeV with high-p(t) Leptons, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. D77, 052002 (2008).
- 204. Measurement of the Cross Section for W-boson Production in Association with Jets in p anti-p Collisions at s**(1/2) = 1.96 TeV, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. D77, 011108 (2008).
- 205. Cross Section Constrained Top Quark Mass Measurement from Dilepton Events at the Tevatron, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. Lett. 100, 062005 (2008). arXiv:0710.4037.
- 206. A Direct Measurement of the W Boson Width in p anti-p collisions at s**(1/2) = 1.96 TeV, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. Lett. 100, 071801 (2008). arXiv:0710.4112.
- 207. Observation of Orbitally Excited B_s Mesons, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. Lett. 100, 082001 (2008).
- 208. Search for Standard Model Higgs Bosons Produced in Association with W Bosons, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. Lett. 100, 041801 (2008).
- 209. Search for New Heavy Particles Decaying to $Z0 \to eeee$ in p anti-p Collisions at $s^{**}(1/2) = 1.96$ TeV, T. Aaltonen et al., The CDF Collaboration, FERMILAB-PUB-08-008-E. Submitted to Phys. Rev. D January 7, 2008.
- 210. First Observation of the Decay $B0(s) \rightarrow D(s) D+_s$ and Measurement of Its Branching Ratio, A. Abulencia et al., The CDF Collaboration, Phys. Rev. Lett. 100, 021803 (2008).
- 211. Search for Exclusive gamma gamma Production in Hadron-Hadron Collisions, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. Lett. 99, 242002 (2007). arXiv: 0702374.

- 212. Model-Independent Global Search for New High-p(t) Physics at CDF, T. Aaltonen et al., The CDF Collaboration, FERMILAB-PUB-07-667-E. Submitted to Phys. Rev. Lett. December 18, 2007.
- 213. Limits on Anomalous Triple Gauge Couplings in p anti-p Collisions at s**(1/2) = 1.96 TeV, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. D76, 111103 (2007).
- 214. Search for Chargino-Neutralino Production in p anti-p Collisions at s**(1/2) = 1.96 TeV, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. Lett. 99, 191806 (2007).
- 215. First Observation of Heavy Baryons $Sigma_b$ and $Sigma*_b$, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. Lett. 99, 202001 (2007)
- 216. Precise Measurement of the Top Quark Mass in the Lepton+Jets Topology at CDF II, A. Abulencia et al., The CDF Collaboration, Phys. Rev. Lett. 99, 182002 (2007).
- 217. Measurements of Inclusive W and Z Cross Sections in p anti-p Collisions at s**(1/2) = 1.96 TeV, A. Abulencia et al., The CDF Collaboration, J. Phys. G: Nucl. Part. Phys. (2007) 2457-2544.
- 218. First Measurement of the W Boson Mass in Run II of the Tevatron, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. Lett. 99,. 151801 (2007).
- 219. Search for Direct Pair Production of Supersymmetric Top and Supersymmetric Bottom Quarks in p anti-p Collisions at s**(1/2) = 1.96 TeV, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. D76, 072010 (2007).
- 220. Measurement of the p anti-p \rightarrow tt-bar Production Cross Section and the Top Quark Mass at s**(1/2) = 1.96 TeV in the All-Hadronic Decay Mode, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. D76, 072009 (2007).
- 221. Search for New Particles Leading to Z+jets Final States in p anti-p Collisions at s**(1/2) = 1.96 TeV, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. D76, 072006 (2007).
- 222. Search for a High-Mass Diphoton State and Limits on Randall-Sundrum Gravitons at CDF, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. Lett. 99, 171801 (2007).
- 223. Search for New Physics in High Mass Electron-Positron Events in p anti-p Collisions at s**(1/2) = 1.96 TeV, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. Lett. 99, 171802 (2007).
- 224. Recent Results on B Spectroscopy at the Tevatron, M. Heck, The CDF and D0 Collaborations, FERMILAB-CONF-07-436-E. Published Proceedings 15th International Workshop on Deep-Inelastic Scattering and Related Subjects (DIS2007), Munich, Germany, April 16-20, 2007.
- 225. Polarization of J/psi and psi(2S) Mesons Produced in p anti-p Collisions at $s^{**}(1/2) = 1.96$ TeV, A. Abulencia et al., The CDF Collaboration, Phys. Rev. Lett. 99, 132001 (2007).

- 226. Search for Heavy, Long-Lived Particles that Decay to Photons at CDF II, A. Abulencia et al., The CDF Collaboration, Phys. Rev. Lett. 99, 1217801 (2007).
- 227. Observation and Mass Measurement of the Baryon Xi_{-b} , T. Aaltonen et al., The CDF Collaboration, Phys. Rev. Lett. 99, 052002 (2007).
- 228. Measurement of the Top-Quark Mass using Missing E(t) + Jets Events with Secondary Vertex b-tagging at CDF II, T. Aaltonen et al., The CDF Collaboration, Phys. Rev. D75, 111103 (2007).
- 229. Measurement of the Inclusive Jet Cross Section using the k_T Algorithm in p antip Collisions at s**(1/2) = 1.96 TeV with the CDF II Detector, A. Abulencia et al., The CDF Collaboration, Phys. Rev. D75, 092006 (2007).
- 230. Inclusive Search for New Physics with Like-Sign Dilepton Events in p anti-p Collisions at s**(1/2) = 1.96 TeV, A. Abulencia et al., The CDF Collaboration, Phys. Rev. Lett. 98, 221803 (2007).
- 231. Search for New Physics in Lepton + Photon + X Events with 929 pb-1 of p anti-p Collisions at $s^{**}(1/2) = 1.96$ TeV, A. Abulencia et al., The CDF Collaboration, Phys. Rev. D75, 112001 (2007).
- 232. Measurement of sigma chi(c)2 B(chi(c)2 \rightarrow J/psi gamma)/sigma chi(c)1 B(chi(c)1 \rightarrow J/psi gamma) in p anti-p Collisions at s**(1/2) = 1.96 TeV, A. Abulencia et al., The CDF Collaboration, Phys. Rev. Lett. 98, 232001 (2007).
- 233. First Measurement of the Ratio of Central-Electron to Forward-Electron W Partial Cross Sections in p anti-p Collisions at s**(1/2) = 1.96 TeV, A. Abulencia et al., The CDF Collaboration, Phys. Rev. Lett. 98, 251801 (2007).
- 234. Measurement of sigma(p anti-p \rightarrow Z) . B(Z \rightarrow tau tau) in p anti-p Collisions at $s^{**}(1/2) = 1.96$ TeV, A. Abulencia et al., The CDF Collaboration, Phys. Rev. D75, 092004 (2007).
- 235. **Observation of WZ Production**, A. Abulencia et al., The CDF Collaboration, Phys. Rev. Lett. 98, 161801 (2007).
- 236. Measurement of the Top Quark Mass in p anti-p Collisions at s**(1/2) = 1.96 TeV using the Decay Length Technique, A. Abulencia et al., The CDF Collaboration, Phys. Rev. D75, 071102 (2007)
- 237. Measurement of the Top-Quark Mass in All-Hadronic Decays in p anti-p Collisions at CDF II, A. Aaltonen et al., The CDF Collaboration, Phys. Rev. Lett. 98, 142001 (2007)
- 238. Search for Anomalous Production of Multilepton Events in p anti-p Collisions at $s^{**}(1/2) = 1.96$ TeV, A. Abulencia et al., The CDF Collaboration, Phys. Rev. Lett. 98, 131804 (2007).

- 239. 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., The CDF Collaboration, Phys. Rev. D75, 091101 (2007).
- 240. **Analysis of the Quantum Numbers JPC of the X(3872)**, Phys. Rev. Lett. 98, 132002 (2007).
- 241. Measurement of the Helicity Fractions of W Bosons from Top Quark Decays using Fully Reconstructed tt-bar Events with CDF II, A. Abulencia et al., The CDF Collaboration, Phys. Rev. D75, 052001 (2007).
- 242. Measurement of the Lambda0(b) Lifetime in Lambda0(b) → J/psi Lambda0 in p anti-p Collisions at s**(1/2) = 1.96 TeV, A. Abulencia et al., The CDF Collaboration, Phys. Rev. Lett. 98, 122001 (2007).
- 243. Observation of Exclusive Electron-Positron Production in Hadron-Hadron Collisions, A. Abulencia et al., The CDF Collaboration, Phys. Rev. Lett. 98, 112001 (2007).
- 244. Measurement of $sigma_{Lambda0(b)}/sigmaB-bar0xB(Lambda0(b) \rightarrow Lambda+_cpi+-)/B(B0 \rightarrow D+pi+-)$ in p anti-p Collisions at s**(1/2) = 1.96 TeV, A. Abulencia et al., The CDF Collaboration, Phys. Rev. Lett. 98, 122002 (2007).
- 245. Precision Measurement of the Top-Quark Mass from Dilepton Events at CDF II, A. Abulencia et al., The CDF Collaboration, Phys. Rev. D75, 031105 (2007).
- 246. Measurement of the B+ Production Cross Section in p anti-p Collisions at s**(1/2) = 1960 GeV, A. Abulencia et al., The CDF Collaboration, Phys. Rev. D75, 012010 (2007).
- 247. Measurement of the Ratios of Branching Fractions $B(B0(s) \rightarrow D(s)-pi++pi++pi+-)/B(B0 \rightarrow D-pi++pi+-)$ and $B(B0(s) \rightarrow D(s)-pi++)/B(B0-2D-pi++)$, A. Abulencia et al., The CDF Collaboration, Phys. Rev. Lett. 98, 061802 (2007).
- 248. 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., The CDF Collaboration, Phys. Rev. Lett. 98, 072001 (2007).
- 249. Search for Exotic S = -2 Baryons in p anti-p Collisions at s**(1/2) = 1.96 TeV, A. Abulencia et al., The CDF Collaboration, Phys. Rev. D75, 032003 (2007).
- 250. **Observation of** $B_s^0 \bar{B}_s^0$ **Oscillations**, A. Abulencia et al., The CDF Collaboration, Phys. Rev. Lett. 97, 242003 (2006).