

**Giuseppe Latino, PhD
Publication List**

Publications on international journals with referee

1. **Limits on Quark-Lepton Compositeness Scales from Dileptons Produced in 1.8 TeV $p\bar{p}$ Collisions**
F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **79**, 2198 (1997).
2. **Search for New Particles Decaying into $b\bar{b}$ Produced in Association with W Bosons Decaying into $e\nu$ or $\mu\nu$ at the Fermilab Tevatron**
F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **79**, 3819 (1997).
3. **Search for First Generation Leptoquark Pair Production in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV**
F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **79**, 4327 (1997).
4. **Properties of Jets in W Boson Events from 1.8 TeV $p\bar{p}$ Collisions**
F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **79**, 4760 (1997).
5. **Search for the decays $B_d^0 \rightarrow \mu^+\mu^-$ and $B_s^0 \rightarrow \mu^+\mu^-$ in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV**
F. Abe *et al.*, The CDF Collaboration, Phys. Rev. D **57**, R3811 (1998).
6. **Measurement of B hadron lifetimes using J/ψ final states at CDF**
F. Abe *et al.*, The CDF Collaboration, Phys. Rev. D **57**, 5382 (1998).
7. **Dijet Production by Color-Singlet Exchange at the Fermilab Tevatron**
F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **80**, 1156 (1998).
8. **Measurement of the $B^0 - \bar{B}^0$ Oscillation Frequency Using $\pi - B$ Meson Change-Flavor Correlations in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV**
F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **80**, 2057 (1998).
9. **Search for Flavor-Changing Neutral Current Decays of the Top Quark in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV**
F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **80**, 2525 (1998).
10. **Measurement of the Top Quark Mass**
F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **80**, 2767 (1998).
11. **Measurement of the $t\bar{t}$ Production Cross Section in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV**
F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **80**, 2773 (1998).
12. **Measurement of the Top Quark Mass and $t\bar{t}$ Production Cross Section from Dilepton Events at the Collider Detector at Fermilab**
F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **80**, 2779 (1998).

13. **Measurement of the Differential Cross Section for Events with Large Total Transverse Energy in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV**
F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **80**, 3461 (1998).
14. **Search for Chargino-Neutralino Associated Production at the Fermilab Tevatron Collider**
F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **80**, 5275 (1998).
15. **Observation of Hadronic W Decays in $t\bar{t}$ Events with the Collider Detector at Fermilab**
F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **80**, 5720 (1998).
16. **Search for the rare decay $W^\pm \rightarrow \pi^\pm + \gamma$ in proton-antiproton collisions at $\sqrt{s} = 1.8$ TeV**
F. Abe *et al.*, The CDF Collaboration, Phys. Rev. D **58**, 031101 (1998).
17. **Search for long-lived parents of Z^0 bosons in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV**
F. Abe *et al.*, The CDF Collaboration, Phys. Rev. D **58**, 051102 (1998).
18. **Observation of $B^+ \rightarrow \psi(2S)K^+$ and $B^0 \rightarrow \psi(2S)K^*(892)^0$ decays and measurements of B-meson branching fractions into J/ψ and $\psi(2S)$ final states**
F. Abe *et al.*, The CDF Collaboration, Phys. Rev. D **58**, 072001 (1998).
19. **Search for the rare decay $W^\pm \rightarrow D_S^\pm \gamma$ in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV**
F. Abe *et al.*, The CDF Collaboration, Phys. Rev. D **58**, 091101 (1998).
20. **Measurement of the B^- and \bar{B}^0 meson lifetimes using semileptonic decays**
F. Abe *et al.*, The CDF Collaboration, Phys. Rev. D **58**, 092002 (1998).
21. **Observation of B_c mesons in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV**
F. Abe *et al.*, The CDF Collaboration, Phys. Rev. D **58**, 112004 (1998).
22. **Measurement of the $\sigma(W + \geq 1 \text{ Jet})/\sigma(W)$ Cross Section Ratio from $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV**
F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **81**, 1367 (1998).
23. **Searches for New Physics in Diphoton Events in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV**
F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **81**, 1791 (1998).
24. **Observation of the B_c Meson in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV**
F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **81**, 2432 (1998).
25. **Search for Second Generation Leptoquarks in the Dimuon Plus Dijet Channel of $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV**
F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **81**, 4806 (1998).
26. **Events with a Rapidity Gap between Jets in $p\bar{p}$ Collisions at $\sqrt{s} = 630$ GeV**
F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **81**, 5278 (1998).

27. **Measurement of the CP-Violation Parameter $\sin(2\beta)$ in $B_d^0/\bar{B}_d^0 \rightarrow J/\psi K_S^0$ Decays**
F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **81**, 5513 (1998).
28. **Search for the Decays $B_S^0, B_d^0 \rightarrow e^\pm \mu^\mp$ and Pati-Salam Leptoquarks**
F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **81**, 5742 (1998).
29. **Search for Higgs Bosons Produced in Association with a Vector Boson in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV**
F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **81**, 5748 (1998).
30. **Measurement of the Lepton Charge Asymmetry in W-boson Decays Produced in $p\bar{p}$ Collisions**
F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **81**, 5754 (1998).
31. **Measurement of the $B_d^0-\bar{B}_d^0$ flavor oscillation frequency and study of same side flavor tagging of B mesons in $p\bar{p}$ collisions**
F. Abe *et al.*, The CDF Collaboration, Phys. Rev. D **59**, 032001 (1998).
32. **Measurement of the B_S^0 meson lifetime using semileptonic decays**
F. Abe *et al.*, The CDF Collaboration, Phys. Rev. D **59**, 032004 (1999).
33. **Measurement of Z^0 and Drell-Yang production cross sections using dimuons in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV**
F. Abe *et al.*, The CDF Collaboration, Phys. Rev. D **59**, 052002 (1999).
34. **Kinematics of $t\bar{t}$ events at CDF**
F. Abe *et al.*, The CDF Collaboration, Phys. Rev. D **59**, 092001 (1999).
35. **Searches for new physics in diphoton events in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV**
F. Abe *et al.*, The CDF Collaboration, Phys. Rev. D **59**, 092002 (1999).
36. **Measurement of the Top Quark Mass with the Collider Detector at Fermilab**
F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **82**, 271 (1999).
37. **Search for New Particles Decaying to $b\bar{b}$ in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV**
F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **82**, 2038 (1999).
38. **Search for Third-Generation Leptoquarks from Technicolor Models in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV**
F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **82**, 3206 (1999).
39. **Search for the $B_S^0 - \bar{B}_S^0$ Oscillations Using the Semileptonic Decay $B_S^0 \rightarrow \phi l^+ X \nu$**
F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **82**, 3576 (1999).
40. **Measurement of $B_d^0-\bar{B}_d^0$ oscillation frequency using dimuon data in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV**
F. Abe *et al.*, The CDF Collaboration, Phys. Rev. D **60**, 051101 (1999).

41. **Measurement of $B^0 - \bar{B}^0$ flavor oscillations using jet-charge and lepton flavor tagging in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV**
F. Abe *et al.*, The CDF Collaboration, Phys. Rev. D **60**, 072003 (1999).
42. **A measurement of b quark fragmentation fractions in the production of strange and light B mesons in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV**
F. Abe *et al.*, The CDF Collaboration, Phys. Rev. D **60**, 092005 (1999).
43. **Measurement of the $B^0\bar{B}^0$ oscillation frequency using l^-D^{*+} pairs and leptons flavor tag**
T. Affolder *et al.*, The CDF Collaboration, Phys. Rev. D **60**, 112004 (1999).
44. **Search for R-Parity Violating Supersymmetry Using Like-Sign Dielectrons in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV**
F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **83**, 2133 (1999).
45. **Search for a Technicolor ω_T Particle in Events with a Photon and a b-Quark Jet at Fermilab**
F. Abe *et al.*, The CDF Collaboration, Phys. Rev. Lett. **83**, 3124 (1999).
46. **Search for the Flavor-Changing Neutral Current Decays $B^+ \rightarrow \mu^+\mu^-K^+$ and $B^0 \rightarrow \mu^+\mu^-K^{*0}$**
T. Affolder *et al.*, The CDF Collaboration, Phys. Rev. Lett. **83**, 3378 (1999).
47. **Measurement of $b\bar{b}$ rapidity correlations in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV**
F. Abe *et al.*, The CDF Collaboration, Phys. Rev. D **61**, 032001 (1999).
48. **Measurement of $\sin 2\beta$ from $B \rightarrow J/\psi K_S^0$ with the CDF detector**
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49. **Measurement of the differential dijet mass cross section in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV**
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50. **Measurement of the Helicity of W Bosons in Top Quark Decays**
T. Affolder *et al.*, The CDF Collaboration, Phys. Rev. Lett. **84**, 216 (2000).
51. **Observation of Diffractive b-Quark Production at the Fermilab Tevatron**
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52. **Search for a Fourth-Generation Quark More Massive than the Z^0 Boson in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV**
T. Affolder *et al.*, The CDF Collaboration, Phys. Rev. Lett. **84**, 835 (2000).
53. **Transverse Momentum and Total Cross Section of e^+e^- Pairs in the Z-Boson Region from $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV**
T. Affolder *et al.*, The CDF Collaboration, Phys. Rev. Lett. **84**, 845 (2000).
54. **Search for Color Singlet Technicolor Particles in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV**
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55. **Measurement of b-Quark Fragmentation Fractions in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV**
T. Affolder *et al.*, The CDF Collaboration, Phys. Rev. Lett. **84**, 1663 (2000).
56. **Production of $Y(1S)$ Mesons from χ_b Decays in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV**
T. Affolder *et al.*, The CDF Collaboration, Phys. Rev. Lett. **84**, 2094 (2000).
57. **Diffraction Dijets with a Leading Antiproton in $p\bar{p}$ Collisions at $\sqrt{s} = 1.800$ GeV**
T. Affolder *et al.*, The CDF Collaboration, Phys. Rev. Lett. **84**, 5043 (2000).
58. **Search for Scalar Top Quark Production in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV**
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59. **Search for Scalar Top and Scalar Bottom Quarks in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV**
T. Affolder *et al.*, The CDF Collaboration, Phys. Rev. Lett. **84**, 5704 (2000).
60. **Search for a W' Boson via the Decay Mode $W' \rightarrow \mu\nu_\mu$ in 1.8 TeV $p\bar{p}$ Collisions**
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61. **Search for the charged Higgs boson in the decays of top quark pairs in the $e\tau$ and $\mu\tau$ channels at $\sqrt{s} = 1.8$ TeV**
T. Affolder *et al.*, The CDF Collaboration, Phys. Rev. D **62**, 012004 (2000).
62. **Limits on Light Gravitino Production and New Processes with Large Missing Transverse Energy in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV**
T. Affolder *et al.*, The CDF Collaboration, Phys. Rev. Lett. **85**, 1378 (2000).
63. **Search for Second and Third Generation Leptoquarks Including Production via Technicolor Interactions in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV**
T. Affolder *et al.*, The CDF Collaboration, Phys. Rev. Lett. **85**, 2056 (2000).
64. **Search for New Particles Decaying to $t\bar{t}$ in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV**
T. Affolder *et al.*, The CDF Collaboration, Phys. Rev. Lett. **85**, 2062 (2000).
65. **Measurement of J/ψ and $\psi(2S)$ Polarization in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV**
T. Affolder *et al.*, The CDF Collaboration, Phys. Rev. Lett. **85**, 2886 (2000).
66. **Direct Measurement of the W Boson Width in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV**
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67. **Dijet Production by Double Pomeron Exchange at the Fermilab Tevatron**
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68. **Measurement of the Decay Amplitudes of $B^0 \rightarrow J/\psi K^{*0}$ and $B_s^0 \rightarrow J/\psi\psi$ Decays**
T. Affolder *et al.*, The CDF Collaboration, Phys. Rev. Lett. **85**, 4668 (2000).

69. **Measurement of $d\sigma/dy$ for high mass Drell-Yan e^+e^- pairs from $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV**
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70. **Measurement of the top quark mass with the Collider Detector at Fermilab**
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71. **Test of enhanced leading order QCD in W boson plus jets events from 1.8 TeV $p\bar{p}$ collisions**
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72. **Search for the supersymmetric partner of the top quark in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV**
T. Affolder *et al.*, The CDF Collaboration, Phys. Rev. D **63**, 091101 (2001).
73. **First Measurement of the Ratio $B(t \rightarrow Wb)/B(t \rightarrow Wq)$ and Associated Limit on the CKM Element $|V_{tb}|$**
T. Affolder *et al.*, The CDF Collaboration, Phys. Rev. Lett. **86**, 3233 (2001).
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75. **Search for Neutral Supersymmetric Higgs Boson in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV**
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76. **Measurement of the two jet differential cross section in $p\bar{p}$ collisions at $\sqrt{s} = 1.800$ GeV**
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77. **Measurement of the inclusive jet cross section in $p\bar{p}$ collisions at $\sqrt{s} = 1.800$ GeV**
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78. **Measurement of the $t\bar{t}$ production cross section in $p\bar{p}$ collisions at $\sqrt{s} = 1.800$ GeV**
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79. **Measurement of the W boson mass with the Collider Detector at Fermilab**
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80. **Observation of orbitally excited B mesons in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV**
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81. **Search for narrow diphoton resonances and for $\gamma\gamma+W/Z$ signatures in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV**
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82. **Measurement of the Top Quark P_T Distribution**
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83. **Measurement of $d\sigma/dM$ and Forward-Backward Charge Asymmetry for High-Mass Drell-Yan e^+e^- Pairs from $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV**
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84. **Double Diffraction Dissociation at the Fermilab Tevatron Collider**
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85. **Charged Particle Multiplicity in Jets in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$**
T. Affolder *et al.*, The CDF Collaboration, Phys. Rev. Lett. **87**, 211804 (2001).
86. **Search for Quark-Lepton Compositeness and a Heavy W' Boson Using the $e\nu$ Channel in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$**
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87. **Observation of Diffractive J/ψ Production at the Fermilab Tevatron**
T. Affolder *et al.*, The CDF Collaboration, Phys. Rev. Lett. **87**, 241802 (2001).
88. **Search for Gluinos and Squarks Using Like-Sign Dileptons in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$**
T. Affolder *et al.*, The CDF Collaboration, Phys. Rev. Lett. **87**, 251803 (2001).
89. **Study of Jet Energy Resolution at CDF**
A. Bocci, S. Lami, S. Kuhlmann, G. Latino,
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90. **Cross section and heavy quark composition of $\gamma + \mu$ events produced in $p\bar{p}$ collisions**
T. Affolder *et al.*, The CDF Collaboration, Phys. Rev. D **65**, 012003 (2002).
91. **Measurement of the B^+ total cross section and B^+ differential cross section $d\sigma/dP_T$ in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV**
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92. **Searches for new physics in events with a photon and b-quark jet at CDF**
T. Affolder *et al.*, The CDF Collaboration, Phys. Rev. D **65**, 052006 (2002).
93. **Study of the heavy flavor content of jets produced in association with W bosons in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV**
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94. **Soft and hard interactions in $p\bar{p}$ collisions at $\sqrt{s} = 1800$ and 630 GeV**
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95. **Search for single top quark production in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV**
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96. **Charged jet evolution and the underlying event in proton-antiproton collisions at 1.8 TeV**
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97. **Measurement of B-meson lifetimes using fully reconstructed B decays produced in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV**
D. Acosta *et al.*, The CDF Collaboration, Phys. Rev. D **65**, 092009 (2002).
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99. **Comparison of the isolated direct photon cross sections in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV and $\sqrt{s} = 0.63$ TeV**
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106. **Search for new physics in photon lepton events in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV**
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108. **Branching ratio measurements of exclusive B^+ decays to charmonium with the Collider Detector at Fermilab**
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109. **Cross section for forward J/ψ production in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV**
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110. **Search for radiative b-hadron decays in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV**
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111. **Search for New Physics in Photon-Lepton Events in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV**
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112. **Limits on Extra Dimensions and New Particle Production in the Exclusive Photon and Missing Energy Signature in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV**
D. Acosta *et al.*, The CDF Collaboration, Phys. Rev. Lett. **89** (2002) 281801.
113. **Momentum distribution of charged particles in jets in dijet events in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV and comparison to perturbative QCD predictions**
D. Acosta *et al.*, The CDF Collaboration, Phys. Rev. D **68** (2003) 012003.
114. **Measurement of the mass difference $m(D_s^+) - m(D^+)$ at CDF2**
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115. **Search for the flavor changing neutral current decay $D^0 \rightarrow \mu^+\mu^-$ in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV**
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