

Cirriculum Vita: Willis K. Sakumoto

Education:	1972 B.S. Physics	Illinois Institute of Technology
	1983 Ph.D. Physics	Northwestern University
Positions:	1984-1990	Research Associate, University of Rochester
	1990-	Research Faculty, University of Rochester

Research Experience

My thesis research (supervised by Prof. Jerome L. Rosen) was a search for charmed particles produced in π^- Be interactions using a prompt muon trigger (Fermilab experiment E515). I participated in all stages of the experiment. My primary responsibility was the construction, installation, operation (cryogenics and readout electronics), and data analysis of a 2.44×1.22 m² lead/liquid-argon electromagnetic calorimeter.

In 1984, I joined the CCFR collaboration to study $\nu + N \rightarrow \mu(\nu) + X$ interactions with the Fermilab Lab E ν -detector and the Tevatron Quadrupole-Triplet wide band neutrino beam. The beam is the highest energy neutrino beam, with a usable flux to 600 GeV. I participated in the 1985 (E744) and 1987 (E770) runs. Before the 1987 run, I upgraded the data acquisition (DAQ) system and readout hardware to improve its reliability and performance. During the runs, I maintained the trigger and calorimetry counters, and their associated electronics. My major contribution was the measurement, understanding, and maintenance of the target calorimeter's energy response, and calibration to a level of 1% over a 2.54×2.54 m² area. This is crucial for precision structure function measurements in a wide band neutrino beam because the neutrino energy, a kinematic variable, must be measured using the hadron shower energy. I designed and implemented the calibration of the calorimeter in a test beam and all of the analysis and calibration software. After the 1987 run, I joined SLAC experiment NE11 to add to my experience in ν scattering by doing an electron scattering experiment. NE11 measured the electric and magnetic form factors of the neutron and proton to significantly larger Q^2 of 4 and 8.83 GeV², respectively. The 1.5 and 8 GeV spectrometers at End Station A were used, and I worked on the spectrometer hardware, trigger electronics, and DAQ.

In CCFR, I worked on neutrino induced production of both same-sign ($\mu^\pm\mu^\pm$) and opposite-sign ($\mu^\pm\mu^\mp$) dimuon pairs. During the mid-1980's, measurements of the same-sign dimuon rate exceeded standard model predictions. The new physics suggested by these measurements was disproved by CCFR. A key part of the CCFR measurement is a better understanding of the muon background from hadron showers. This also helped the measurement of the nucleon's strange sea using opposite-sign dimuons, which are associated with c -quark production off the d and s quarks. I worked on the analysis of hadron punchthrough and muon-production from hadron showers in the Lab E calorimeter using hadron test beam data, and published a measurement of the particle punchthrough rate across absorbers of various lengths. CCFR also took high energy cosmic ray data. Since it contains a substantial amount of TeV energy muons, I measured and published the mean dE/dx and differential energy loss spectra of muons versus its energy. This is important for the design of post-Tevatron, TeV-muon detectors.

In 1990, I joined the CDF collaboration to define a Run-II upgrade to its forward (“end plug”) gas calorimeters. I worked on the effort to implement a sampling, scintillator plate calorimeter using the new technology of plastic wavelength shifting optical fiber readouts. CDF chose this after successful beam tests of prototypes, including a large engineering prototype, in the 1990-91 test beam runs. I was responsible for these beam tests. During the design of the upgrade calorimeters, my physics studies defined the transverse tower segmentation. The Rochester group was given the responsibility for the upgrade of the Run-II end plug hadron calorimeter. I contributed to all aspects: the design, R&D in support of design and production, procurement of materials, implementation of quality assurance and control (QA/QC) procedures to insure a working detector, and production management at Fermilab. The production ended in 1996. A 60° ϕ -section replica of the calorimeter was constructed and beam tested over 1996-97. I supervised the assembly and checkout of various portions of the test beam module. I implemented the online event display and the offline event reconstruction system. I participated in the design, implementation, and analysis of a series of beam tests that measured the performance of the calorimeters. The new calorimeters worked as expected from the moment of first beam exposure.

During the 1997-98 installation of the Run II end plug calorimeters at the collision hall, I provided technical supervision for the installation of the hadron scintillation counters and optical cables onto the steel absorber. A novel feature is the use of multi-plastic-fiber, flat, optical cables and mass terminated optical connectors. I worked to develop and implement QA/QC procedures to insure the integrity of the optical and electrical systems. All optical and electrical connections were tested using the radioactive source calibration system, and the small handful of problems found were easily fixed. During the 1998-2000 Run II Commissioning, I worked to get the new calorimetry front end electronics based on the “QIE” chip, along with the new data acquisition (DAQ) system up to design specifications. In addition, I helped commission the plug hadron TDC timing system that provides shower pulse arrival times.

My physics analyses during 1996-2000 were on Drell-Yan lepton pair production, $p\bar{p} \rightarrow e^+e^-, \mu^+\mu^- + X$, in the Z -boson resonance region using 110 pb^{-1} of collider data from Run-I. I studied QED radiative corrections to the process and published a PRD article on this in collaboration with theorists. I have measured and published the P_T and total cross sections of e^+e^- pairs in the Z -boson mass region of $66 - 116 \text{ GeV}/c^2$. A Rochester graduate student under my supervision extended this analysis to include forward e^+e^- pairs and published the first measurements of $d\sigma/dy$ and the total Z cross section with full rapidity coverage. I led the publication effort on other related physics analyses: cross section measurements using $\mu^+\mu^-$ pairs and limits of quark-lepton compositeness scales using high mass e^+e^- and $\mu^+\mu^-$ pairs. I also participated in the Rochester effort that published an improved Run-I electron channel measurement of $d\sigma/dM_{ee}$ and the forward-backward decay asymmetry of e^- .

I served as a co-convenor of the CDF Top and Electroweak physics group from January 2001 to December 2002. As a co-convenor, I set Run-II goals and organized and lead the group’s efforts to attain these goals. The group’s first Run-II physics results on W/Z boson production and decay properties at $\sqrt{s} = 1.96 \text{ TeV}$ were presented at Summer and Fall 2002 conferences.

From 2001 and onwards, I have been a co-leader for CDF calorimeter operations group. This involves day-to-day management for all of CDF's calorimeters. In addition, I am the sub-project leader for the end plug calorimeters, and am responsible for their maintenance and performance. With the Rochester group, I work to maintain the readout optics of the plug electromagnetic and hadronic calorimeters, up to, and including the readout phototubes. Our group also calibrates and maintains the absolute energy scale of each plug calorimeter tower for online and offline use. I am also the "on-call" expert for the end plug calorimeter high voltage system.

My Run-II physics interests are again in the dynamics of Drell-Yan production W and Z bosons and their leptonic decays, and in the measurement of the top quark mass. I am an active participant of CDF's Electroweak physics group's W/Z cross section working group and the Top physics group's Jet Corrections working group. The W/Z cross section group is working towards a publication of the W and Z boson cross sections at $\sqrt{s} = 1.96$ TeV by Winter 2003. I have worked on the modeling and tuning of W and γ^*/Z production dynamics in the simulation, understanding the systematic effects of parton distribution function errors in the simulation, and doing numerical calculations on the theoretical predictions of the W and Z total cross sections at $\sqrt{s} = 1.96$ TeV. I am also working on integrating the precision plug calorimeter offline energy calibrations derived from periodic radioactive source and laser calibrations into the CDF physics analysis software infrastructure. Such precision calibrations are needed for jet energy corrections in precision top mass measurements. In addition, I also continue to develop and implement plug electron identification algorithm and tools for CDF.

Journal Publications

CDF Publications

1. *Search for a W' Boson Decaying to a Top and Bottom Quark Pair in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. Lett. **90**, 081802 (2003), by the CDF Collaboration (D. Acosta et al.).
2. *Search for Long-Lived Charge Massive Particles in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. Lett. **90**, 131801 (2003), by the CDF Collaboration (D. Acosta et al.).
3. *Search for Gluinos and Scalar Quarks in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV Using Missing Energy plus Multijet Signature*, Phys. Rev. Lett. **88**, 041801 (2002), by the CDF Collaboration (T. Affolder et al.).
4. *Measurement of the Strong Coupling Constant from Inclusive Jet Production at the Tevatron $p\bar{p}$ Collider*, Phys. Rev. Lett. **88**, 042001 (2002), by the CDF Collaboration (T. Affolder et al.).
5. *Study of $B^0 \rightarrow J/\psi K^{*0} \pi^+ \pi^-$ Decays with the Collider Detector at Fermilab*, Phys. Rev. Lett. **88**, 071801 (2002), by the CDF Collaboration (T. Affolder et al.).
6. *Search for New Heavy Particles in the WZ^0 Final State in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. Lett. **88**, 071806 (2002), by the CDF Collaboration (T. Affolder et al.).
7. *Diffraction Dijet Production at $\sqrt{s} = 630$ and 1800 GeV at the Fermilab Tevatron*, Phys. Rev. Lett. **88**, 151802 (2002), by the CDF Collaboration (D. Acosta et al.).
8. *Υ Production and Polarization in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. Lett. **88**, 161802 (2002), by the CDF Collaboration (D. Acosta et al.).
9. *Search for New Physics in Photon-Lepton Events in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. Lett. **89**, 041802 (2002), by the CDF Collaboration (D. Acosta et al.).
10. *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*, Phys. Rev. Lett. **89**, 281801 (2002), by the CDF Collaboration (D. Acosta et al.).
11. *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*, Phys. Rev. **D65**, 052005 (2002), by the CDF Collaboration (D. Acosta et al.).
12. *Searches for new physics in events with a photon and b -quark jet at CDF*, Phys. Rev. **D65**, 052006 (2002), by the CDF Collaboration (T. Affolder et al.).

13. *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*, Phys. Rev. **D65**, 052007 (2002), by the CDF Collaboration (D. Acosta et al.).
14. *Soft and hard interactions in $p\bar{p}$ collisions at $\sqrt{s} = 1800$ and 630 GeV*, Phys. Rev. **D65**, 072005 (2002), by the CDF Collaboration (D. Acosta et al.).
15. *Search for single-top-quark production in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. **D65**, 091102(R) (2002), by the CDF Collaboration (D. Acosta et al.).
16. *Charged jet evolution and the underlying event in proton-antiproton collisions at 1.8 TeV*, Phys. Rev. **D65**, 091102(R) (2002), by the CDF Collaboration (T. Affolder et al.).
17. *Measurement of B-meson lifetimes using fully reconstructed B decays produced in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. **D65**, 092009 (2002), by the CDF Collaboration (D. Acosta et al.).
18. *Search for the decay $B_s \rightarrow \mu^+ \mu^- \phi$ in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. **D65**, 111101(R) (2002), by the CDF Collaboration (D. Acosta et al.).
19. *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*, Phys. Rev. **D65**, 112003 (2002), by the CDF Collaboration (D. Acosta et al.).
20. *Search for new physics in photon-lepton events in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. **D66**, 012004 (2002), by the CDF Collaboration (D. Acosta et al.).
21. *Measurement of the ratio of b quark production cross sections in $p\bar{p}$ collisions at $\sqrt{s} = 630$ GeV and $\sqrt{s} = 1800$ GeV*, Phys. Rev. **D66**, 032002 (2002), by the CDF Collaboration (D. Acosta et al.).
22. *Branching ratio measurements of exclusive B^+ decays to charmonium with the Collider Detector at Fermilab*, Phys. Rev. **D66**, 052005 (2002), by the CDF Collaboration (D. Acosta et al.).
23. *Cross section for forward J/ψ production in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. **D66**, 092001 (2002), by the CDF Collaboration (D. Acosta et al.).
24. *Search for radiative b-hadron decays in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. **D66**, 112002 (2002), by the CDF Collaboration (D. Acosta et al.).
25. *First Measurement of the Ratio $B(t \rightarrow Wb)/B(t \rightarrow Wq)$ and the Associated Limit on the Cabbibo-Kobayashi-Masakawa Element V_{tb}* , Phys. Rev. Lett. **86**, 3233 (2001), by the CDF Collaboration (T. Affolder et al.).
26. *Production of χ_{c1} and χ_{c2} in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. Lett. **86**, 3963 (2001), by the CDF Collaboration (T. Affolder et al.).

27. *Search for Neutral Supersymmetric Higgs Bosons in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. Lett. **86**, 4472 (2001), by the CDF Collaboration (T. Affolder et al.).
28. *Measurement of the Top Quark p_T Distribution* Phys. Rev. Lett. **87**, 102001 (2001), by the CDF Collaboration (T. Affolder et al.).
29. *Measurement of $d\sigma/dM$ and Forward-Backward Asymmetry for High Mass Drell-Yan e^+e^- Pairs from $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. Lett. **87**, 131802 (2001), by the CDF Collaboration (T. Affolder et al.).
30. *Double Diffraction Dissociation at the Fermilab Tevatron Collider*, Phys. Rev. Lett. **87**, 141802 (2001), by the CDF Collaboration (T. Affolder et al.).
31. *Charged-Particle Multiplicity $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. Lett. **87**, 211804 (2001), by the CDF Collaboration (T. Affolder et al.).
32. *Search for Quark-Lepton Compositeness and a Heavy W' Boson using the $e\nu$ Channel in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. Lett. **87**, 231803 (2001), by the CDF Collaboration (T. Affolder et al.).
33. *Observation of Diffractive J/ψ Production at the Fermilab Tevatron*, Phys. Rev. Lett. **87**, 241802 (2001), by the CDF Collaboration (T. Affolder et al.).
34. *Search for Gluinos and Squarks Using Like-Sign Dileptons in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. Lett. **87**, 251803 (2001), by the CDF Collaboration (T. Affolder et al.).
35. *Measurement of the top quark mass with the Collider Detector at Fermilab*, Phys. Rev. **D63**, 032003 (2001), by the CDF Collaboration (T. Affolder et al.).
36. *Tests of enhanced leading order QCD in W boson plus jet events from $\bar{p}p$ collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. **D63**, 072003 (2001), by the CDF Collaboration (T. Affolder et al.).
37. *Search for the supersymmetric partner of the top quark in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. **D63**, 091101(R) (2001), by the CDF Collaboration (T. Affolder et al.).
38. *Measurement of the two-jet differential cross section in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. **D64**, 012001 (2001), by the CDF Collaboration (T. Affolder et al.).
39. *Measurement of the inclusive jet cross section in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. **D64**, 032001 (2001), by the CDF Collaboration (T. Affolder et al.).
40. *Measurement of the $t\bar{t}$ production cross section in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. **D64**, 032002 (2001), by the CDF Collaboration (T. Affolder et al.).

41. *Measurement of the W boson mass with the Collider Detector at Fermilab*, Phys. Rev. **D64**, 052001 (2001), by the CDF Collaboration (T. Affolder et al.).
42. *Observation of orbitally excited B mesons in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. **D64**, 072002 (2001), by the CDF Collaboration (T. Affolder et al.).
43. *Search for narrow diphoton resonances and for $\gamma\gamma + W/Z$ signatures in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. **D64**, 092002 (2001), by the CDF Collaboration (T. Affolder et al.).
44. *Cross section and heavy quark composition of $\gamma + \mu$ events produced in $p\bar{p}$ collisions*, Phys. Rev. **D64**, 012003 (2001), by the CDF Collaboration (T. Affolder et al.).
45. *Measurement of the Helicity of W Bosons in Top Quark Decays*, Phys. Rev. Lett. **84**, 216 (2000), by the CDF Collaboration (T. Affolder et al.).
46. *Observation of Diffractive b -Quark Production at the Fermilab Tevatron*, Phys. Rev. Lett. **84**, 232 (2000), by the CDF Collaboration (T. Affolder et al.).
47. *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*, Phys. Rev. Lett. **84**, 845 (2000), by the CDF Collaboration (T. Affolder et al.).
48. *Search for a Fourth-Generation Quark More Massive than the Z Boson in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. Lett. **84**, 835 (2000), by the CDF Collaboration (T. Affolder et al.).
49. *Search for Color Singlet Technicolor Particles in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. Lett. **84**, 1110 (2000), by the CDF Collaboration (T. Affolder et al.).
50. *Measurement of b -Quark Fragmentation Fractions in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. Lett. **84**, 1663 (2000), by the CDF Collaboration (T. Affolder et al.).
51. *Production of $\Upsilon(1S)$ Mesons from χ_b decays in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. Lett. **84**, 2094 (2000), by the CDF Collaboration (T. Affolder et al.).
52. *Diffractive Dijets with a Leading Antiproton in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. Lett. **84**, 5043 (2000), by the CDF Collaboration (T. Affolder et al.).
53. *Search for Scalar Top Production in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. Lett. **84**, 5273 (2000), by the CDF Collaboration (T. Affolder et al.).
54. *Search for Scalar Top and Scalar Bottom Quarks in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. Lett. **84**, 5704 (2000), by the CDF Collaboration (T. Affolder et al.).

55. *Search for a W' Boson via the Decay Mode $W' \rightarrow \mu\nu_\mu$ in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. Lett. **84**, 5716 (2000), by the CDF Collaboration (F. Abe et al.).
56. *Limits on Light Gravitino Production and New Processes with Large Missing Transverse Energy in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. Lett. **85**, 1378 (2000), by the CDF Collaboration (T. Affolder et al.).
57. *Search for Second and Third Generation Leptoquarks Including Production via Technicolor Interactions in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. Lett. **85**, 2056 (2000), by the CDF Collaboration (T. Affolder et al.).
58. *Search for New Particles Decaying into $t\bar{t}$ in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. Lett. **85**, 2062 (2000), by the CDF Collaboration (T. Affolder et al.).
59. *Measurement of J/ψ and $\psi(2S)$ Polarization in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. Lett. **85**, 2886 (2000), by the CDF Collaboration (T. Affolder et al.).
60. *Direct Measurement of the W Boson Width in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. Lett. **85**, 3347 (2000), by the CDF Collaboration (T. Affolder et al.).
61. *Dijet Production by Double Pomeron Exchange at the Fermilab Tevatron*, Phys. Rev. Lett. **85**, 4215 (2000), by the CDF Collaboration (T. Affolder et al.).
62. *Measurement of the Decay Amplitudes of $B^0 \rightarrow J/\psi K^{*0}$ and $B_s^0 \rightarrow J/\psi\phi$ Decays*, Phys. Rev. Lett. **85**, 4668 (2000), by the CDF Collaboration (T. Affolder et al.).
63. *Measurement of $\sin 2\beta$ from $B \rightarrow J/\psi K_s^0$ with the CDF detector*, Phys. Rev. **D61**, 072005 (2000), by the CDF Collaboration (T. Affolder et al.).
64. *Measurement of the differential dijet mass cross-section in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. **D61**, 091101 (2000), by the CDF Collaboration (T. Affolder et al.).
65. *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*, Phys. Rev. **D62**, 012004 (2000), by the CDF Collaboration (T. Affolder et al.).
66. *Measurement of $d\sigma/dy$ for high mass Drell-Yan e^+e^- pairs from $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. **D63**, 011101(R) (2000), by the CDF Collaboration (T. Affolder et al.).
67. *Measurement of the Top Quark Mass with the Collider Detector at Fermilab*, Phys. Rev. Lett. **82**, 271 (1999), by the CDF Collaboration (F. Abe et al.).

68. *Search for New Particles Decaying into $b\bar{b}$ in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. Lett. **82**, 2038 (1999), by the CDF Collaboration (F. Abe et al.).
69. *Search for Third-Generation Leptoquarks from Technicolor Models in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. Lett. **82**, 3206 (1999), by the CDF Collaboration (F. Abe et al.).
70. *Search for $B_s^0\bar{B}_s^0$ Oscillations Using the Semileptonic Decay $B_s^0 \rightarrow \phi l^+ X \nu$* , Phys. Rev. Lett. **82**, 3576 (1999), by the CDF Collaboration (F. Abe et al.).
71. *Search for a Technicolor ω_T Particle in Events with a Photon and a b -Quark Jet at Fermilab*, Phys. Rev. Lett. **83**, 3124 (1999), by the CDF Collaboration (F. Abe et al.).
72. *Search for the Flavor-Changing Neutral Current Decays $B^+ \rightarrow \mu^+ \mu^- K^+$ and $B^0 \rightarrow \mu^+ \mu^- K^{*0}$* , Phys. Rev. Lett. **83**, 3378 (1999), by the CDF Collaboration (T. Affolder et al.).
73. *Measurement of the B_s^0 meson lifetime using semileptonic decays*, Phys. Rev. **D59**, 032004 (1999), by the CDF Collaboration (F. Abe et al.).
74. *Measurement of Z^0 and Drell-Yan production cross sections using dimuons in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. **D59**, 052002 (1999), by the CDF Collaboration (F. Abe et al.).
75. *Kinematics of $t\bar{t}$ events at CDF*, Phys. Rev. **D59**, 092001 (1999), by the CDF Collaboration (F. Abe et al.).
76. *Searchs for new physics in diphoton events in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. **D59**, 092002 (1999), by the CDF Collaboration (F. Abe et al.).
77. *Measurement of the $B_d^0 - \bar{B}_d^0$ oscillation frequency using dimuon data in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. **D60**, 051101 (1999), by the CDF Collaboration (F. Abe et al.).
78. *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*, Phys. Rev. **D60**, 072003 (1999), by the CDF Collaboration (F. Abe et al.).
79. *Measurement of the associated $\gamma + \mu^\pm$ production cross section in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. **D60**, 092003 (1999), by the CDF Collaboration (F. Abe et al.).
80. *Measurement of the b quark fragmentation functions in the production of strange and light B mesons in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. **D60**, 092005 (1999), by the CDF Collaboration (F. Abe et al.).
81. *Measurement of $B^0 - \bar{B}^0$ oscillations frequency using $l^- D^{*+}$ pairs and lepton flavor tags*, Phys. Rev. **D60**, 112004 (1999), by the CDF Collaboration (T. Affolder et al.).

82. *Measurement of the $b\bar{b}$ -rapidity correlations in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. **D61**, 032001 (1999), by the CDF Collaboration (F. Abe et al.).
83. *Measurement of the Lepton Charge Asymmetry in W-Boson Decays Produced in $p\bar{p}$ Collisions*, Phys. Rev. Lett. **81**, 5754 (1998), by the CDF Collaboration (F. Abe et al.).
84. *Search for Higgs Bosons Produced in Association with a Vector Boson in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. Lett. **81**, 5748 (1998), by the CDF Collaboration (F. Abe et al.).
85. *Search for the Decays $B_s^0, B_d^0 \rightarrow e^\pm \mu^\mp$ and Pati-Salam Leptoquarks*, Phys. Rev. Lett. **81**, 5743 (1998), by the CDF Collaboration (F. Abe et al.).
86. *Measurement of the CP-Violating Parameter $\sin(2\beta)$ in $B_d^0/\bar{B}_d^0 \rightarrow J/\psi K_s^0$ Decays*, Phys. Rev. Lett. **81**, 5513 (1998), by the CDF Collaboration (F. Abe et al.).
87. *Events with a Rapidity Gap between Jets in $p\bar{p}$ Collisions at $\sqrt{s} = 630$ GeV*, Phys. Rev. Lett. **81**, 5278 (1998), by the CDF Collaboration (F. Abe et al.).
88. *Search for Second Generation Leptoquarks in the Dimuon Plus Dijet Channel of $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. Lett. **81**, 4806 (1998), by the CDF Collaboration (F. Abe et al.).
89. *Observation of the B_c Meson in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. Lett. **81**, 2432 (1998), by the CDF Collaboration (F. Abe et al.).
90. *Searches for New Physics in Diphoton Events in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. Lett. **81**, 1791 (1998), by the CDF Collaboration (F. Abe et al.).
91. *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*, Phys. Rev. Lett. **81**, 1367 (1998), by the CDF Collaboration (F. Abe et al.).
92. *Observation of Hadronic W Decays in $t\bar{t}$ Events with the Collider Detector at Fermilab*, Phys. Rev. Lett. **80**, 5720 (1998), by the CDF Collaboration (F. Abe et al.).
93. *Search for Chargino-Neutralino Associated Production at the Fermilab Tevatron Collider*, Phys. Rev. Lett. **80**, 5275 (1998), by the CDF Collaboration (F. Abe et al.).
94. *Measurement of the Differential Cross Section for Events with Large Total Transverse Energy in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. Lett. **80**, 3461 (1998), by the CDF Collaboration (F. Abe et al.).
95. *Measurement of the Top Quark Mass and $t\bar{t}$ Production Cross Section from Dilepton Events at the Collider Detector at Fermilab*, Phys. Rev. Lett. **80**, 2779 (1998), by the CDF Collaboration (F. Abe et al.).

96. *Measurement of the $t\bar{t}$ Production Cross Section in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. Lett. **80**, 2773 (1998), by the CDF Collaboration (F. Abe et al.).
97. *Measurement of the Top Quark Mass*, Phys. Rev. Lett. **80**, 2767 (1998), by the CDF Collaboration (F. Abe et al.).
98. *Search for Flavor-Changing Neutral Current Decays of the Top Quark in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. Lett. **80**, 2525 (1998), by the CDF Collaboration (F. Abe et al.).
99. *Measurement of $B^0\bar{B}^0$ Oscillation Frequency Using $\pi - B$ Meson Charge-Flavor Correlations in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. Lett. **80**, 2057 (1998), by the CDF Collaboration (F. Abe et al.).
100. *Dijet Production by Color-Singlet Exchange at the Fermilab Tevatron*, Phys. Rev. Lett. **80**, 1156 (1998), by the CDF Collaboration (F. Abe et al.).
101. *Measurement of the $\bar{B}_d^0 - B_d^0$ flavor oscillation frequency and the study of same side flavor tagging of B mesons in $p\bar{p}$ collisions* Phys. Rev. **D59**, 032001 (1998), by the CDF Collaboration (F. Abe et al.).
102. *Observation of B_c mesons in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. **D58**, 112004 (1998), by the CDF Collaboration (F. Abe et al.).
103. *Measurement of the B^- and \bar{B}^0 meson lifetimes using semileptonic decays* Phys. Rev. **D58**, 092002 (1998), by the CDF Collaboration (F. Abe et al.).
104. *Search for the rare decay $W^\pm \rightarrow D_s^\pm \gamma$ in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. **D58**, 091101 (1998), by the CDF Collaboration (F. Abe et al.).
105. *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*, Phys. Rev. **D58**, 072001 (1998), by the CDF Collaboration (F. Abe et al.).
106. *Search for long-lived parents of Z^0 bosons in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. **D58**, 051102 (1998), by the CDF Collaboration (F. Abe et al.).
107. *Search for the rare $W^\pm \rightarrow \pi^\pm + \gamma$ in proton-antiproton collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. **D58**, 031101 (1998), by the CDF Collaboration (F. Abe et al.).
108. *Measurement of B Hadron lifetimes using J/ψ final states*, Phys. Rev. **D57**, 5382 (1998), by the CDF Collaboration (F. Abe et al.).
109. *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*, Phys. Rev. **D57**, R3811 (1998), by the CDF Collaboration (F. Abe et al.).

110. *Jet pseudorapidity distribution in direct photon events in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. **D57**, 1359 (1998), by the CDF Collaboration (F. Abe et al.).
111. *Properties of photon plus two-jet events in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. **D57**, 67 (1998), by the CDF Collaboration (F. Abe et al.).
112. *Properties of Jets in W Boson Events from 1.8 TeV $p\bar{p}$ Collisions*, Phys. Rev. Lett. **79**, 4760 (1997), by the CDF Collaboration (F. Abe et al.).
113. *Search for First Generation Leptoquark Pair Production in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. Lett. **79**, 4327 (1997), by the CDF Collaboration (F. Abe et al.).
114. *Search for New Particles Decaying into $B\bar{B}$ and Produced in Association with W Bosons Decaying into $e\nu$ or $\mu\nu$ at the Tevatron*, Phys. Rev. Lett. **79**, 3819 (1997), by the CDF Collaboration (F. Abe et al.).
115. *The $\mu\tau$ and $e\tau$ Decays of Top Quark Pairs Produced in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. Lett. **79**, 3585 (1997), by the CDF Collaboration (F. Abe et al.).
116. *Measurement of Diffractive Dijet Production at the Fermilab Tevatron*, Phys. Rev. Lett. **79**, 2636 (1997), by the CDF Collaboration (F. Abe et al.).
117. *Limits on Quark-Lepton Compositeness Scales from Dileptons Produced in 1.8 TeV $p\bar{p}$ Collisions*, Phys. Rev. Lett. **79**, 2198 (1997), by the CDF Collaboration (F. Abe et al.).
118. *Search for New Gauge Bosons Decaying into Dileptons in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. Lett. **79**, 2192 (1997), by the CDF Collaboration (F. Abe et al.).
119. *First Observation of the All-Hadronic Decay of $t\bar{t}$ Pairs*, Phys. Rev. Lett. **79**, 1992 (1997), by the CDF Collaboration (F. Abe et al.).
120. *Measurement of Double Parton Scattering in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. Lett. **79**, 584 (1997), by the CDF Collaboration (F. Abe et al.).
121. *Production of J/ψ Mesons in χ_c Meson Decays in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. Lett. **79**, 578 (1997), by the CDF Collaboration (F. Abe et al.).
122. *J/ψ and $\psi(2S)$ Production in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. Lett. **79**, 572 (1997), by the CDF Collaboration (F. Abe et al.).
123. *Search for Charged Higgs Boson Decays of the Top Quark using Hadronic Decays of the Tau*, Phys. Rev. Lett. **79**, 357 (1997), by the CDF Collaboration (F. Abe et al.).

124. *Search for Third Generation Leptoquarks in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. Lett. **78**, 2906 (1997), by the CDF Collaboration (F. Abe et al.).
125. *Observation of Diffractive W Boson Production at the Tevatron*, Phys. Rev. Lett. **78**, 2698 (1997), by the CDF Collaboration (F. Abe et al.).
126. *Evidence for W^+W^- Production in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. Lett. **78**, 4536 (1997), by the CDF Collaboration (F. Abe et al.).
127. *Double Parton Scattering in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. **D56**, 3811 (1997), by the CDF Collaboration (F. Abe et al.).
128. *Properties of six-jet events with large six-jet mass at the Fermilab proton-antiproton collider*, Phys. Rev. **D56**, 2532 (1997), by the CDF Collaboration (F. Abe et al.).
129. *A Search for gluinos and squarks at the Fermilab Tevatron collider*, Phys. Rev. **D56**, R1357 (1997), by the CDF Collaboration (F. Abe et al.).
130. *A Search for new particles decaying into dijets at CDF*, Phys. Rev. **D55**, 5263 (1997), by the CDF Collaboration (F. Abe et al.).
131. *Measurement of $b\bar{b}$ production correlations, $B^0\bar{B}^0$ mixing, and a limit on ϵ_B in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. **D55**, 2546 (1997), by the CDF Collaboration (F. Abe et al.).
132. *Observation of $\Lambda_b^0 \rightarrow J/\psi\Lambda$ at the Fermilab proton-antiproton collider*, Phys. Rev. **D55**, 1142 (1997), by the CDF Collaboration (F. Abe et al.).
133. *Measurement of Dijet Angular Distributions by the Collider Detector at Fermilab*, Phys. Rev. Lett. **77**, 5336 (1996), by the CDF Collaboration (F. Abe et al.).
134. *Measurement of the Branching Fraction $BR(B_u^+ \rightarrow J/\psi\pi^+)$ and Search for $B_c^+ \rightarrow J/\psi\pi^+$* , Phys. Rev. Lett. **77**, 5176 (1996), by the CDF Collaboration (F. Abe et al.).
135. *Measurement of $\gamma + D^{*\pm}$ Cross Section in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. Lett. **77**, 5005 (1996), by the CDF Collaboration (F. Abe et al.).
136. *Forward-Backward Charge Asymmetry of Electron Pairs Above the Z^0 Pole*, Phys. Rev. Lett. **77**, 2616 (1996), by the CDF Collaboration (F. Abe et al.).
137. *Measurement of the Lifetime of the B_s^0 Meson Using the Exclusive Decay Mode $B_s^0 \rightarrow J/\psi\phi$* , Phys. Rev. Lett. **77**, 1945 (1996), by the CDF Collaboration (F. Abe et al.).
138. *Measurement of the Λ_b^0 Lifetime Using $\Lambda_b^0 \rightarrow \Lambda_c^+ + l^- + \bar{\nu}$* , Phys. Rev. Lett. **77**, 1439 (1996), by the CDF Collaboration (F. Abe et al.).

139. *Properties of Jets in Z Boson Events from $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. Lett. **77**, 448 (1996), by the CDF Collaboration (F. Abe et al.).
140. *Inclusive Jet Cross Section in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. Lett. **77**, 438 (1996), by the CDF Collaboration (F. Abe et al.).
141. *Search for Flavor-Changing Neutral Current B Meson Decays in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. Lett. **76**, 4675 (1996), by the CDF Collaboration (F. Abe et al.).
142. *Measurement of the B^- and \bar{B}^0 Meson Lifetimes Using Semileptonic Decays*, Phys. Rev. Lett. **76**, 4462 (1996), by the CDF Collaboration (F. Abe et al.).
143. *Search for Charged-Neutralino Production in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. Lett. **76**, 4307 (1996), by the CDF Collaboration (F. Abe et al.).
144. *Measurement of $\sigma B(W \rightarrow e\nu)$ and $\sigma b(Z^0 \rightarrow e^+e^-)$ in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. Lett. **76**, 3070 (1996), by the CDF Collaboration (F. Abe et al.).
145. *Search for the Rare Decay $W^\pm \rightarrow \pi^\pm + \gamma$* , Phys. Rev. Lett. **76**, 2852 (1996), by the CDF Collaboration (F. Abe et al.).
146. *Reconstruction of $B^0 \rightarrow J/\psi K_s^0$ and Measurement of Ratios of Branching Ratios Involving $B \rightarrow J/\psi K^+$* , Phys. Rev. Lett. **76**, 2015 (1996), by the CDF Collaboration (F. Abe et al.).
147. *Search for Gluino and Squark Cascade Decays at the Fermilab Tevatron Collider*, Phys. Rev. Lett. **76**, 2006 (1996), by the CDF Collaboration (F. Abe et al.).
148. *Ratios of bottom meson branching fractions involving J/ψ mesons and determination of b quark fragmentation fractions*, Phys. Rev. **D54**, 6596 (1996), by the CDF Collaboration (F. Abe et al.).
149. *Further properties of high-mass multijet events at the Fermilab proton-antiproton collider*, Phys. Rev. **D54**, 4221 (1996), by the CDF Collaboration (F. Abe et al.).
150. *Search for charged Higgs boson decays of the top quark using hadronic τ decays*, Phys. Rev. **D54**, 735 (1996), by the CDF Collaboration (F. Abe et al.).
151. *Measurement of the mass of the B_s^0 meson*, Phys. Rev. **D53**, 3496 (1996), by the CDF Collaboration (F. Abe et al.).
152. *Measurement of the correlated $\mu\bar{b}$ jet cross section in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. **D53**, 1051 (1996), by the CDF Collaboration (F. Abe et al.).
153. *Υ Production in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. Lett. **75**, 4358 (1995), by the CDF Collaboration (F. Abe et al.).

154. *Study of $t\bar{t}$ Production in $p\bar{p}$ Collisions Using Total Transverse Energy*, Phys. Rev. Lett. **75**, 3997 (1995), by the CDF Collaboration (F. Abe et al.).
155. *Measurement of the Polarization in the Decays $B_d \rightarrow J/\psi K^{*0}$ and $B_s \rightarrow J/\psi\phi$* , Phys. Rev. Lett. **75**, 3069 (1995).
156. *Measurement of the B Meson Differential Cross Section $d\sigma/p_T$ in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. Lett. **75**, 1451 (1995), by the CDF Collaboration (F. Abe et al.).
157. *Limits on WWZ and $WW\gamma$ Couplings from WW and WZ Production in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. Lett. **75**, 1017 (1995), by the CDF Collaboration (F. Abe et al.).
158. *Search for Second Generation Leptoquarks in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. Lett. **75**, 1012 (1995), by the CDF Collaboration (F. Abe et al.).
159. *Search for Squarks and Gluinos via Radiative Decays of Neutralinos in Proton-Antiproton Collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. Lett. **75**, 613 (1995), by the CDF Collaboration (F. Abe et al.).
160. *Properties of High-Mass Multijet Events at the Fermilab Proton-Antiproton Collider*, Phys. Rev. Lett. **75**, 608 (1995), by the CDF Collaboration (F. Abe et al.).
161. *Measurement of the W Boson Mass*, Phys. Rev. Lett. **75**, 11 (1995), by the CDF Collaboration (F. Abe et al.).
162. *Search for Charged Bosons Heavier than the W Boson in $p\bar{p}$ Collisions at $\sqrt{s} = 1800$ GeV*, Phys. Rev. Lett. **74**, 2900 (1995), by the CDF Collaboration (F. Abe et al.).
163. *Observation of Top Quark Production in $p\bar{p}$ Collisions with the Collider Detector at Fermilab*, Phys. Rev. Lett. **74**, 2626 (1995), by the CDF Collaboration (F. Abe et al.).
164. *Limits on Z-Photon Couplings from $p\bar{p}$ Interactions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. Lett. **74**, 1941 (1995), by the CDF Collaboration (F. Abe et al.).
165. *Measurement of W-Photon Couplings in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. Lett. **74**, 1936 (1995), by the CDF Collaboration (F. Abe et al.).
166. *Observation of Rapidity Gaps in $p\bar{p}$ Collisions at 1.8 TeV*, Phys. Rev. Lett. **74**, 855 (1995), by the CDF Collaboration (F. Abe et al.).
167. *The Charge Asymmetry in W Boson Decays Produced in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. Lett. **74**, 850 (1995), by the CDF Collaboration (F. Abe et al.).

168. *Direct Measurement of the W Boson Width*, Phys. Rev. Lett. **74**, 341 (1995), by the CDF Collaboration (F. Abe et al.).
169. *Measurement of the W boson mass*, Phys. Rev. **D52**, 4784 (1995), by the CDF Collaboration (F. Abe et al.).
170. *Measurement of the ratio $\sigma B(p\bar{p} \rightarrow W \rightarrow e\nu)/\sigma B(p\bar{p} \rightarrow Z^0 \rightarrow ee)$ in $p\bar{p}$ collisions at $\sqrt{s} = 1800$ GeV*, Phys. Rev. **D52**, 2624 (1995), by the CDF Collaboration (F. Abe et al.).
171. *Kinematic evidence for top quark pair production in W+multijet events in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. **D51**, 4623 (1995), by the CDF Collaboration (F. Abe et al.).
172. *Search for new gauge bosons decaying into dielectrons in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. **D51**, 949 (1995), by the CDF Collaboration (F. Abe et al.).
173. *Search for the Top Quark Decaying to a Charged Higgs Boson in $\bar{p}p$ Collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. Lett. **73**, 2267 (1994), by the CDF Collaboration (F. Abe et al.).
174. *Precision Measurement of the Prompt Photon Cross-Section in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. Lett. **73**, 2662 (1994), by the CDF Collaboration (F. Abe et al.).
175. *W Boson + Jet Angular Distribution in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. Lett. **73**, 2296 (1994), by the CDF Collaboration (F. Abe et al.).
176. *Evidence for Top Quark Production in $\bar{p}p$ Collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. Lett. **73**, 225 (1994), by the CDF Collaboration (F. Abe et al.).
177. *Measurement of the Ratio $\sigma B(W \rightarrow e\nu)/\sigma B(Z^0 \rightarrow e^+e^-)$ in $\bar{p}p$ Collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. Lett. **73**, 220 (1994), by the CDF Collaboration (F. Abe et al.).
178. *Measurement of the B^+ and B^0 Meson Lifetimes*, Phys. Rev. Lett. **72**, 3456 (1994), by the CDF Collaboration (F. Abe et al.).
179. *Search for Excited Quarks in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. Lett. **72**, 3004 (1994), by the CDF Collaboration (F. Abe et al.).
180. *Search for the Top Quark Decaying to a Charged Higgs Boson in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. Lett. **72**, 1977 (1994), by the CDF Collaboration (F. Abe et al.).
181. *Evidence for color coherence in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. **D50**, 5562 (1994), by the CDF Collaboration (F. Abe et al.).

182. *Measurement of the $\bar{p}p$ total cross section at $\sqrt{s} = 546$ and 1800 GeV*, Phys. Rev. **D50**, 5550 (1994), by the CDF Collaboration (F. Abe et al.).
183. *Measurement of $\bar{p}p$ single diffraction dissociation at $\sqrt{s} = 546$ and 1800 GeV*, Phys. Rev. **D50**, 5535 (1994), by the CDF Collaboration (F. Abe et al.).
184. *Measurement of the small angle $\bar{p}p$ elastic scattering at $\sqrt{s} = 546$ and 1800 GeV*, Phys. Rev. **D50**, 5518 (1994), by the CDF Collaboration (F. Abe et al.).
185. *Measurement of the B Meson and b quark cross sections at $\sqrt{s} = 1.8$ TeV using the exclusive decay $B^0 \rightarrow J/\psi K^{*}(892)^0$* , Phys. Rev. **D50**, 4252 (1994), by the CDF Collaboration (F. Abe et al.).
186. *Evidence for top quark production in $\bar{p}p$ collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. **D50**, 2966 (1994), by the CDF Collaboration (F. Abe et al.).
187. *Measurement of Drell-Yan electron and muon pair differential cross sections in $\bar{p}p$ collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. **D49**, 49 (1994), by the CDF Collaboration (F. Abe et al.).
188. *Measurement of the Average Lifetime of B Hadrons Produced in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. Lett. **71**, 3421 (1993), by the CDF Collaboration (F. Abe et al.).
189. *Search for Quark Compositeness, Axiguons, and Heavy Particles Using the Dijet Invariant Mass Spectrum Observed in $p\bar{p}$ Collisions*, Phys. Rev. Lett. **71**, 2542 (1993), by the CDF Collaboration (F. Abe et al.).
190. *Inclusive χ_c and b -quark Production in $\bar{p}p$ Collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. Lett. **71**, 2537 (1993), by CDF Collaboration (F. Abe et al.).
191. *Measurement of the Bottom Quark Production in 1.8 TeV $p\bar{p}$ Collisions Using Muons from b -Quark Decays*, Phys. Rev. Lett. **71**, 2396 (1993), by the CDF Collaboration (F. Abe et al.).
192. *Observation of the Decay $B_s^0 \rightarrow J/\psi \phi$ in $\bar{p}p$ Collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. Lett. **71**, 1685 (1993), by the CDF Collaboration (F. Abe et al.).
193. *The Center-of-mass Angular Distribution of Prompt Photons Produced in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. Lett. **71**, 679 (1993) by CDF Collaboration (F. Abe et al.).
194. *Measurement of the Bottom-Quark Production Cross Section Using Semileptonic Decay Electrons in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. Lett. **71**, 500 (1993) by CDF Collaboration (F. Abe et al.).
195. *Measurement of Jet Multiplicity in W Events Produced in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. Lett. **70**, 4042 (1993) by CDF Collaboration (F. Abe et al.).

196. *Measurement of the Cross Section for Production of Two Isolated Prompt Photons in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. Lett. **70**, 2232 (1993) by CDF Collaboration (F. Abe et al.).
197. *Comparison of Jet Production in $\bar{p}p$ Collisions at $\sqrt{s} = 546$ and 1800 GeV*, Phys. Rev. Lett. **70**, 1376 (1993) by CDF Collaboration (F. Abe et al.).
198. *A Measurement of Jet Shapes in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. Lett. **70**, 713 (1993) by the CDF Collaboration (F. Abe et al.).
199. *A Search for first-generation leptoquarks in $\bar{p}p$ collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. **D48**, 3939 (1993), by the CDF Collaboration (F. Abe et al.).
200. *Prompt photon cross section measurement in $\bar{p}p$ collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. **D48**, 2998 (1993), by the CDF Collaboration (F. Abe et al.).
201. *Measurement of the dijet mass distribution in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. **D48**, 998 (1993) by CDF Collaboration (F. Abe et al.).
202. *Study of four-jet events and evidence for double parton interactions in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. **D47**, 4857 (1993) by CDF Collaboration (F. Abe et al.).
203. *Search for $\Lambda_b \rightarrow J/\psi \Lambda_0$ in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. **D47**, 2639 (1993) by CDF Collaboration (F. Abe et al.).
204. *Inclusive J/ψ $\psi(2S)$ and b -Quark Production in $\bar{p}p$ Collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. Lett. **69**, 3704 (1992) by the CDF Collaboration (F. Abe et al.).
205. *Search for Squarks and Gluinos From $\bar{p}p$ Collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. Lett. **69**, 3439 (1992) by the CDF Collaboration (F. Abe et al.).
206. *The Dijet Angular Distribution in $\bar{p}p$ Collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. Lett. **69**, 2896 (1992) by the CDF Collaboration (F. Abe et al.).
207. *Limit on the Rare Decay $W^\pm \rightarrow \gamma\pi^\pm$ in $\bar{p}p$ Collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. Lett. **69**, 2160 (1992) by the CDF Collaboration (F. Abe et al.).
208. *Measurement of the Production and Muonic Decay Rate of W and Z Bosons in $\bar{p}p$ Collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. Lett. **69**, 28 (1992) by the CDF Collaboration (F. Abe et al.).
209. *Measurement of the B -Meson and b -Quark Cross Sections at $\sqrt{s} = 1.8$ TeV Using the Exclusive Decay $B^\pm \rightarrow J/\psi K^\pm$* , Phys. Rev. Lett. **68**, 3403 (1992) by the CDF Collaboration (F. Abe et al.).
210. *Measurement of the Ratio $\sigma B(W \rightarrow \tau\nu)/\sigma B(W \rightarrow e\nu)$ in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. Lett. **68**, 3398 (1992) by the CDF Collaboration (F. Abe et al.).

211. *Measurement of the Isolated Prompt Photon Cross Section in $\bar{p}p$ Collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. Lett. **68**, 2734 (1992) by the CDF Collaboration (F. Abe et al.).
212. *Search for New Gauge Bosons in $\bar{p}p$ Collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. Lett. **68**, 1463 (1992) by the CDF Collaboration (F. Abe et al.).
213. *Lepton Asymmetry in W-Boson Decays from $\bar{p}p$ Collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. Lett. **68**, 1458 (1992) by the CDF Collaboration (F. Abe et al.).
214. *Inclusive Jet Cross Section in $\bar{p}p$ Collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. Lett. **68**, 1104 (1992) by the CDF Collaboration (F. Abe et al.).
215. *Lower Limit on the Top-Quark Mass from Events with Two Leptons in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. Lett. **68**, 447 (1992) by the CDF Collaboration (F. Abe et al.).
216. *Limits on the production of massive stable charged particles*, Phys. Rev **D46**, 1889 (1992) by the CDF Collaboration (F. Abe et al.).
217. *Limit on the top-quark mass from proton-antiproton collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. **D45**, 3921 (1992) by the CDF Collaboration (F. Abe et al.).
218. *Properties of events with large total transverse energy produced in proton-antiproton collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. **D45**, 2249 (1992) by the CDF Collaboration (F. Abe et al.).
219. *Topology of Three Jet Events in $\bar{p}p$ Collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. **D45**, 1448 (1992) by the CDF Collaboration (F. Abe et al.).
220. *A Scintillating Fiber Detector for Electron and Photon Identification at High Luminosity Colliders*, Nucl. Instr. and Meth. **A321**, 497 (1992), J.Hauser, M.Lindgren, T.Müller, D.Neuberger, M.Albrow, G.Drake, J.Freeman, D.H.Kim, P.J.Limon, Y.Fukui, M.Mishina, V.Barnes, A.Laasenen, P.de Barbaro, A.Bodek, H.S.Budd, Q.Fan, W.K.Sakumoto, B.Winer, G.Apollinari, K.Goulianos, Q.F.Wang, S.White, G.Pauletta.
221. *Measurement of $B^0\bar{B}^0$ Mixing at the Fermilab Tevatron Collider*, Phys. Rev. Lett. **67**, 3351 (1991) by the CDF Collaboration (F. Abe et al.).
222. *Measurement of the Z-Boson P_T Distribution in $\bar{p}p$ Collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. Lett. **67**, 2937 (1991) by the CDF Collaboration (F. Abe et al.).
223. *Search for $W' \rightarrow e\nu$ and $W' \rightarrow \mu\nu$ in $\bar{p}p$ Collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. Lett. **67**, 2609 (1991) by the CDF Collaboration (F. Abe et al.).
224. *Measurement of the e^+e^- Invariant-Mass Distribution in $\bar{p}p$ Collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. Lett. **67**, 2418 (1991) by the CDF Collaboration (F. Abe et al.).

225. *Determination of $\sin^2(\bar{\theta}_W)$ from the Forward-Backward Asymmetry in $p\bar{p} \rightarrow Z^0 X \rightarrow e^+e^-X$ Interactions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. Lett. **67**, 1502 (1991), by the CDF Collaboration (F. Abe et al.).
226. *Measurement of the W-Boson P_T Distribution in $\bar{p}p$ Collisions at $\sqrt{s} = 1.8$ TeV*, Phys. Rev. Lett. **66**, 2951 (1991), by the CDF Collaboration (F. Abe et al.).

CCFR/NuTeV Publications

1. *Precise Determination of Electroweak Parameters in Neutrino-Nucleon Scattering*, Phys. Rev. Lett. **88**, 091802 (2002), by the NuTeV Collaboration (G.P. Zeller, et al.). Erratum: *ibid.* **90**, 239902 (2003).
2. *On the effect of asymmetric strange seas and isospin violating parton distribution functions on $\sin^2(\theta_W)$ measured in the NuTeV experiment*, Phys. Rev. **D65**, 111103 (2002), by the NuTeV Collaboration (G.P. Zeller, et al.). Erratum: *ibid.* **D67**, 119902 (2003).
3. *Extraction of $R = \sigma_L/\sigma_T$ from CCFR ν_μ -Fe and $\bar{\nu}_\mu$ -Fe Differential Cross Sections*, Phys. Rev. Lett. **87**, 251802 (2001), by the NuTeV Collaboration (U.-K. Yang, et al.).
4. *Precise measurement of the dimuon production cross sections in ν_μ Fe and $\bar{\nu}_\mu$ Fe deep inelastic scattering at the Fermilab Tevatron*, Phys. Rev. **D64**, 112006 (2001), by the NuTeV Collaboration (M. Goncharov, et al.).
5. *Search for the Lepton Family Number Violating Process $\bar{\nu}_\mu e^- \rightarrow \mu^- \bar{\nu}_e$* , Phys. Rev. Lett. **87**, 071803 (2001), by the NuTeV Collaboration (J.A. Formaggio, et al.).
6. *Observation of an Anomalous Number of Dimuon Events in ah High Energy Neutrino Beam*, Phys. Rev. Lett. **87**, 041801 (2001), by the NuTeV Collaboration (T. Adams, et al.).
7. *First Measurement of the Low- x , Low- Q^2 Structure Function F_2 in Neutrino Scattering*, Phys. Rev. Lett. **86**, 5430 (2001), by the NuTeV Collaboration (B.T. Fleming, et al.).
8. *Measurement of F_2 and $xF_3^\nu - xF_3^{\bar{\nu}}$ in from CCFR ν_μ -Fe and $\bar{\nu}_\mu$ -Fe Data in a Physics Model Independent Way*, Phys. Rev. Lett. **86**, 2742 (2001) by the NuTeV Collaboration (U.K. Yang, et al.).
9. *Search for light to heavy quark flavor changing neutral currents in $\nu_\mu N$ and $\bar{\nu}_\mu N$ scattering at the Tevatron*, Phys. Rev. **D63**, 012001 (2001), by the NuTeV Collaboration (A. Alton, et al.).

10. *Search for Neutral Heavy Leptons in a High-Energy Neutrino Beam*, Phys. Rev. Lett. **83**, 4943 (1999), by the NuTeV Collaboration (A. Vaitaitis, et al.).
11. *High statistics search for $\nu_e(\bar{\nu}_e) \rightarrow \nu_\tau(\bar{\nu}_\tau)$ oscillations*, Phys. Rev. **D59**, 031101 (1998), by the CCFR/NuTeV Collaboration (D. Naples, A. Romosan, et al.).
12. *Measurement of $\alpha_s(Q^2)$ from the Gross-Llewellyn-Smith Sum Rule*, Phys. Rev. Lett. **81**, 3595 (1998), by the CCFR/NuTeV Collaboration (J.H. Kim, et al.).
13. *A precision measurement of electroweak parameters in neutrino-nucleon scattering*, Eur. Phys. J. **C1**, 509 (1998), by the CCFR/NuTeV Collaboration (K.S. McFarland, et al.).
14. *Improved Determination of α_s From Neutrino-Nucleon Scattering*, Phys. Rev. Lett. **79**, 1213 (1997), by the CCFR Collaboration (W.G. Seligman, et al.).
15. *High Statistics Search for $\nu_\mu(\bar{\nu}_\mu) \rightarrow \nu_e(\bar{\nu}_e)$ Oscillations in the Small Mixing Angle Regime*, Phys. Rev. Lett. **78**, 2912 (1997), by the CCFR Collaboration (A. Romosan, et al.).
16. *Tests of a Calorimetric Technique for Measuring the Energy of Cosmic Ray Muons in the TeV Energy Range*, Z. Phys. **C74**, 279 (1997), by the CCFR Collaboration (A.P. Chikkatur et al.).
17. *Limits on $\nu_\mu(\bar{\nu}_\mu) \rightarrow \nu_\tau(\bar{\nu}_\tau)$ and $\nu_\mu(\bar{\nu}_\mu) \rightarrow (\bar{\nu}_e)\nu_e$ Oscillations from Precision Measurements of Neutrino-Nucleon Neutral Current Interactions*, Phys. Rev. Lett. **75**, 3993 (1995), by the CCFR Collaboration (K.S. MacFarland, D. Naples et al.).
18. *Determination of the Strange Quark Content of the Nucleon from a Next-to-Leading Order QCD Analysis of Neutrino Charm Production*, Z. Phys. **C65**, 189 (1995), erratum, *ibid.*, **C66**, 680 (1995), by the CCFR Collaboration (A.O. Bazarko et al.).
19. *Measurement of the Weak Mixing Angle in Neutrino Nucleon Scattering*, Phys. Rev. Lett. **72**, 3452 (1994), by the CCFR Collaboration (C.A. Arroyo, B.J. King et al.).
20. *A Study of the Energy Dependence of the Mean, Truncated Mean, and Most Probable Energy Deposition of High-Energy Muons in Sampling Calorimeters*, Nucl. Instr. and Meth. **A343**, 463 (1994), by the CCFR Collaboration (P.S. Auchincloss et al.).
21. *Hadron Shower Energy and Direction Measurements Using Drift Chambers*, Nucl. Instr. and Meth. **A340**, 474 (1994), erratum: *ibid.* **A345**, 609 (1994), by the CCFR Collaboration (T. Kinnel et al.).

22. *A Measurement of the Gross-Llewellyn-Smith Sum Rule from the CCFR xF_3 Structure Function*, Phys. Lett. **B317**, 655 (1993), by the CCFR Collaboration (W.C. Leung et al.).
23. *Measurement of Λ_{QCD} from ν_μ -Fe Nonsinglet Structure Functions at the Fermilab Tevatron*, Phys. Rev. Lett. **71**, 1307 (1993), by the CCFR Collaboration (P.Z. Quintas et al.).
24. *Measurement of the Strange Sea Distribution Using Neutrino Charm Production*, Phys. Rev. Lett. **70**, 134 (1993), by the CCFR Collaboration (S.A. Rabinowitz et al.).
25. *Neutrino Production of Same Sign Dimuons at the Fermilab Tevatron*, Z. Phys. **C57**, 1 (1993), by the CCFR Collaboration (P.H. Sandler et al.).
26. *Search for Right Handed Coupling in $\nu - N$ Scattering*, Phys. Rev. Lett. **68**, 3499 (1992), by the CCFR Collaboration (S.R. Mishra et al.).
27. *A measurement of Tev muon energy loss in iron*, Phys. Rev. **D45**, 3042 (1992), by the CCFR Collaboration (W.K. Sakumoto et al.).
28. *Measuring muon momenta with the CCFR neutrino detector*, Nucl. Inst. and Meth. **A302**, 254 (1991), by the CCFR Collaboration (B.J. King et al.).
29. *Neutrino Tridents and W-Z Interference*, Phys. Rev. Lett. **66**, 3117 (1991), by the CCFR collaboration (S.R. Mishra et al.).
30. *Neutrino Production of Opposite-Sign Dimuons at Fermilab Tevatron Energies*, Phys. Rev. Lett. **64**, 1207 (1990), by the CCFR Collaboration (C. Foudas et al.).
31. *Measurement of Inverse Muon Decay $\nu_\mu + e \rightarrow \mu^- + \nu_e$, at the Fermilab Tevatron*, Phys. Lett. **B252**, 170 (1990), by the CCFR Collaboration (S.R. Mishra et al.).
32. *Calibration of the CCFR Target Calorimeter*, Nucl. Inst. and Meth. **A294**, 179 (1990), by the CCFR Collaboration (W.K. Sakumoto et al.).
33. *Hadron-shower Penetration Depth and Muon Production by Hadrons of 40, 70, and 100 GeV*, Phys. Rev. **D42**, 759 (1990), by the CCFR Collaboration (P.H. Sandler et al.).
34. *Measurement of Inverse Muon decay $\nu_\mu + e \rightarrow \mu^- + \nu_e$ at Fermilab Tevatron Energies 15-600 GeV*, Phys. Rev. Lett. **63**, 132 (1989), by the CCFR Collaboration (S.R. Mishra et al.).
35. *Neutrino Production of Same Sign Dimuons*, Phys. Rev. Lett. **60**, 1618 (1988), by the CCFR Collaboration (B.A. Schumm et al.).

36. *Hadron Shower Punchthrough for Incident Hadrons of Momentum 15, 25, 50, 100, 200, and 300 GeV/c*, Nucl. Instr. and Meth. **A245**, 27 (1986), by the CCFR Collaboration (W.K. Sakumoto et al.).

Other Publications

1. *Intercalibration of the Longitudinal Segments of a Calorimeter System*, Nucl. Instrum. Meth. **A487**, 381 (2002), by the CDF Plug Upgrade Group.
2. *The CDF Plug Upgrade Electromagnetic Calorimeter: Test Beam Results*, Nucl. Instrum. Meth. **A480**, 524 (2002), by the CDF Plug Upgrade Group.
3. *Measurements of the $\Delta(1232)$ transition form factor and the ratio of σ_n/σ_p from inelastic electron-proton and electron-deuteron scattering*, Phys. Rev. **D58**, 032003 (1 Aug 98), by the NE11 Collaboration (L.M. Stuart et al.).
4. *QED radiative corrections to Z boson production and the forward-backward asymmetry at hadron colliders*, Phys. Rev. **D57**, 199 (1 Jan 1998), U. Baur, S. Keller, and W.K. Sakumoto.
5. *Measurements of the electric and magnetic form-factors of the proton from $Q^2 = 1.75$ to $8.83(\text{GeV}/c)^2$* , Phys. Rev. **D50**, 5491 (1994),
6. *Beam tests of composite calorimeter configurations from reconfigurable-stack calorimeter*, Nucl. Instr. and Meth. **A329**, 50 (1993), by the SDC Hanging File Group: A. Beretvas, A. Byon-Wagner, G.W. Foster, J. Freeman, D. Green, C. Hovat, R. Tokarek, G. Zhang, Y. Zhou (FNAL); E. Bartoz, V. Hagopian, H. Whitaker (FSU); D.E. Groom, R.W. Kadel (LBL); R. Gustafson, C. Leggett, M. Shappirio (Michigan); L. Cremaldi, J. Reidy, D. Summers (Miss.), V.E. Barnes (Purdue); P. de Barbaro, A. Bodek, H. Budd, Q. Fan, W.K. Sakumoto, R. Walker (Rochester); C. Zhao (Wisc., Madison).
7. *Measurements of the Electric and Magnetic Form Factors of the Neutron from $Q^2 = 1.75$ to $4.00(\text{GeV}/c)^2$* , Phys. Rev. Lett. **70**, 718 (1993), by the NE11 Collaboration (A. Lung et al.).
8. *Measurements of νW_2 and $R = \sigma_L/\sigma_T$ from inelastic electron-aluminum scattering near $x = 1$* , Phys. Rev. **C46**, 2505 (1992), by the NE11 Collaboration (P. Bosted et al.).
9. *Measurements of the Electric and Magnetic Form Factors of the Proton from $Q^2 = 1.75$ to $8.83(\text{GeV}/c)^2$* , Phys. Rev. Lett. **68**, 3841 (1992), by the NE11 Collaboration (P. Bosted et al.).
10. *R&D results on scintillating tile/fiber calorimetry for the CDF and SDC detectors*, Nucl. Instr. and Meth. **A315**, 317 (1992), P. de Barbaro, A. Bodek, H.S. Budd, Q. Fan, W.K. Sakumoto, B. Winer, J. Proudfoot, D.G. Underwood, G.W. Foster, J. Freeman, D.H. Kim, P.J. Limon, Y. Fukui, M. Mishina, V. Barnes, G. Apollinari, N. Giokaris, K. Goulianos, S. White.

11. *Inclusive neutral-D production in 205 GeV/c π^- -Be interactions*, Phys. Rev. **D45**, 2244 (1992), by the E515 Collaboration (M. Sarmiento et al.).
12. *Inclusive Charged- D^* Production in 205 GeV/c π^- -Be Interactions*, Phys. Rev. **D39**, 2494 (1989), by the E515 Collaboration (P. Mooney et al.).
13. *Search for Charmed Mesons Produced in Hadronic Interactions*, Phys. Rev. **D35**, 1541 (1987), by the E515 Collaboration (G. Ginther et al.).
14. *Performance of a Large Liquid Argon Shower Detector used at Fermilab*, Nucl. Instr. and Meth. **A235**, 61 (1985), W.K. Sakumoto, D. Buchholz, L.M. Cremaldi, R. Lipton, H.S. Mao, J.L. Rosen, R.A. Schluter, S.B. Sontz.
15. *Production of Leptons in Coincidence with Prompt Muons*, Phys. Rev. Lett. **53**, 1411 (1984), by the E515 Collaboration (R.M. Edlestein et al.).