

I have divided my papers into two categories: 1) Primary Publications, for which I played a primary role, and 2) Other Publications, for which I played a substantial role in building the detector and acquiring the data (in the case of CDF, largely through my role with the trigger and data access work), and feel knowledgeable about the technical aspects of the paper. More recently, as CDF has grown in size, I have adopted the ‘opt-in’ policy of not being on the default author list, but instead having to specifically ask that my name be added to the list of CDF authors for a paper.

1 Primary Publications:

1. A Search for the Decays $K_L^0 \rightarrow \mu^+\mu^-, e^+e^-, \mu^\pm e^\pm$, (with A. Clark et al.), Phys. Rev. Lett. **26**, 1661 (1971).
2. Observed Difference in the Range of Positive and Negative Muons, (with A. Clark et al.), Phys. Letters **41B**, 229 (1972).
3. Neutrino Mass Limits from the $K_L^0 \rightarrow \pi^\pm e^\pm \nu$ Decay Spectrum, (with A. Clark et al.), Phys. Rev. **D3**, 533 (1972).
4. Search for Fine Structure in the K_L^0 Final States, Nature **237**, (with A. Clark et al.), 338 (1973).
5. Production of Hadrons with Large Transverse Momentum at 200 and 300 GeV, (with J. Cronin et al.), Phys. Rev. Lett. **31**, 1426 (1973).
6. Observation of Large Transverse Momentum Muons Directly Produced by 300 GeV Protons, (with J. Cronin et al.), Phys. Rev. Lett. **33**, 112.
7. Search for Massive Penetrating Particles Produced by 300 GeV Protons, (with J. Cronin et al.), Phys. Rev. **D10**, 3093 (1974).
8. Production of Hadrons at Large Transverse Momentum at 200, 300 and 400 GeV, (with J. Cronin et al.), Phys. Rev. **D11**, 3105 (1975).
9. Measurement of Direct Muon Production in the Forward Direction, (with D. Buchholz et al.), Phys. Rev. Lett. **36**, 932 (1976).
10. Production of Massive Muon Pairs by 300 and 400 GeV Protons, (with L. Kluberg et al.), Phys. Rev. Lett. **37**, 1451 (1976).
11. Production of π^+ and π^- at Large Transverse Momentum in p-p and p-d Collisions at 200, 300, and 400 GeV, (with D. Antreasyan et al.), Phys. Rev. Lett. **38**, 112 (1977).
12. Production of Kaons, Protons and Antiprotons with Large Transverse Momentum in p-p and p-d Collisions at 200, 300, and 400 GeV, (with D. Antreasyan et al.), Phys. Rev. Lett. **38**, 115 (1977).
13. Atomic-Number Dependence of Large-Transverse-Momentum Hadron Production by Protons, (with L. Kluberg et al.), Phys. Rev. Lett. **38**, 670 (1977).
14. Measurement of the Branching Ratio $\Gamma(K_L^0 \rightarrow \pi^+\pi^-)/\Gamma(K_L^0 \rightarrow \text{all})$, (with R. Devoe et al.), Phys. Rev. **D16**, 565 (1977).
15. Measurement of the Decay Rate for the Rare Process $K^0 \rightarrow \mu^+\mu^-$, (with M. Shochet et al.), Phys. Rev. Lett. **39**, 59 (1977).
16. Search for Quarks Produced with Large Transverse Momentum in 400-GeV Proton-Nucleus Collisions, (with D. Antreasyan et al.), Phys. Rev. Lett. **39**, 512 (1977).
17. Test of Scaling in Muon-Pair Production by Hadrons, (with D. Antreasyan et al.), Phys. Rev. Lett. **39**, 906 (1977).
18. Production of Hadrons at Large Transverse Momentum in 200, 300, and 400 GeV π -p and π -nucleus Collisions, (with D. Antreasyan et al.), Phys. Rev. **D19**, 764 (1979).

19. Measurement of the Decay Rate for the Process $K_L^0 \rightarrow \mu^+ \mu^-$, (with M. Shochet et al.), Phys. Rev. **D19**, 1965 (1979).
20. The Production of π^\pm , K^\pm , p and \bar{p} at Large P_T in 200 and 300 GeV π -p Collisions, (with N. Giokaris et al.), Phys. Rev. Lett. **44**, 511 (1980).
21. Comparison of the Production of Charged Hadrons at Large Transverse Momentum in π -p and pp Collisions, (with N. Giokaris et al.), Phys. Rev. Lett. **47**, 1690 (1981).
22. Atomic-Weight Dependence of Muon-Pair Production in 225 GeV/c π^- -Nucleus Interactions, (with N. Giokaris et al.), Phys. Rev. **D25**, 2000 (1982).
23. The Inclusive Production of Hadrons at High P_T in 200 and 300 GeV π -p and π -N Collisions, (with N. Giokaris et al.), Phys. Rev. **D27**, 1001 (1983).
24. The Atomic Mass Dependence of the Transverse Momentum Distribution of Massive Muon Pairs from 225 GeV/c p^- -Nucleus Collisions, (with M. Swartz et al.), Phys. Rev. Lett. **53**, 32 (1984).
25. Series-Parallel Gradiometers for Monopole Detectors, (with S. Somalwar, J. Incandela, and M. Kuchnir), Nucl. Instr. and Meth., **226**, 341 (1984).
26. Flux Limit on Cosmic-Ray Magnetic Monopoles from a Large Area Induction Detector, (with M. Campbell et al.), Phys. Rev. Lett. **53**, 2067 (1984).
27. Production of Massive Muon Pairs in π^- -Nucleus Collisions, (with H. Greenlee et al.), Phys. Rev. Lett. **55**, 1555 (1985).
28. The Trigger System for the Collider Detector Facility, (with D. Amidei et al.), EFI-85-81-CHICAGO, Nucl. Sci. Symp. 63 (1985).
29. A Simple Fastbus Blower, Nucl. Sci. Symp. 835 (1985).
30. CAD Based Standard ECL Fastbus Interface, (with D. Amidei et al.), Nucl. Sci. Symp. 817 (1985).
31. First Results from a 1.1-m Diameter Superconducting Monopole Detector, (with J. Incandela and S. Somalwar), Phys. Rev. **D34**, 2637 (1986).
32. The Programmable Analog Circuitry of the CDF Trigger, (with H. Sanders et al.), IEEE Trans. Nucl. Sci. **33**, 862-865 (1986).
33. Transient-Response Induction Detectors for Magnetic Monopoles: First Operation at 78K, (with S. Somalwar and J. Incandela), Phys. Rev. **D37**, 2403 (1988).
34. A Two Level Fastbus Based Trigger System for CDF, (with D. Amidei et al.), Nucl. Instr. and Meth. **A269**, 51 (1988).
35. The CDF Detector: An Overview, The CDF Collaboration (with F. Abe et al.), Nucl. Instr. and Meth. **A271**, 387 (1988).
36. Measurement of W-Boson Production in 1.8-TeV $\bar{p}p$ Collisions, The CDF Collaboration (with F. Abe et al.), Phys. Rev. Lett. **62**, 1005 (1989).
37. Measurement of the Mass and Width of the Z^0 Boson at the Fermilab Tevatron, The CDF Collaboration (with F. Abe et al.), Phys. Rev. Lett. **63**, 720 (1989).
38. Two Jet Invariant-Mass Distribution at $\sqrt{s} = 1.8$ TeV, The CDF Collaboration (with Y. Tsai,¹ F. Abe et al.), Phys. Rev. **D41**, 1722 (1990) as a Rapid Communication.
39. A Measurement of D^* Production in Jets from $\bar{p}p$ Collisions at $\sqrt{s} = 1.8$ TeV, The CDF Collaboration (with G. Redlinger,¹ F. Abe et al.), Phys. Rev. Lett. **64**, 348 (1990).
40. Pseudorapidity Distributions of Charged Particles Produced in $\bar{p}p$ Interactions at $\sqrt{s} = 630$ and 1800 GeV, The CDF Collaboration (with R. Snider,¹ F. Abe et al.), Phys. Rev. **D41**, 2330 (1990).

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41. Search for the Top Quark in the Reaction $\bar{p}p \rightarrow \text{Electron} + \text{Jets}$ at $\sqrt{s} = 1.8$ TeV, The CDF Collaboration (with F. Abe et al), Phys. Rev. Lett. **64**, 142 (1990).
42. Measurement of the Ratio $\sigma(W \rightarrow e\nu)/\sigma(Z \rightarrow ee)$ in $\bar{p}p$ Collisions at $\sqrt{s} = 1.8$ TeV, The CDF Collaboration (with P. Derwent,¹ F. Abe et al.), Phys. Rev. Lett. **64**, 152 (1990).
43. Measurement of the W-Boson Mass, The CDF Collaboration (with F. Abe et al.), Phys. Rev. Lett. **65**, 2243 (1990).
44. A Measurement of the W-Boson Mass in 1.8-TeV $\bar{p}p$ Collisions, The CDF Collaboration (with F. Abe et al.), Phys. Rev. **D43**, 2070 (1991).
45. Measurement of $\sigma \cdot B(W \rightarrow e\nu)$ and $\sigma \cdot B(Z^0 \rightarrow e^+e^-)$ in $\bar{p}p$ Collisions at $\sqrt{s} = 1800$ GeV, The CDF Collaboration (with P. Derwent,¹ F. Abe et al.), Phys. Rev. **D44**, 29 (1991).
46. Measurement of the e^+e^- Invariant-Mass Distribution in $\bar{p}p$ Collisions at $\sqrt{s} = 1.8$ TeV, The CDF Collaboration (with K. Bloom,² F. Abe et al.), Phys. Rev. Lett. **67**, 2418 (1991).
47. Search for $W' \rightarrow e\nu$ and $W' \rightarrow \mu\nu$ in $\bar{p}p$ Collisions at $\sqrt{s} = 1.8$ TeV, The CDF Collaboration (with F. Abe et al.), Phys. Rev. Lett. **67**, 2609 (1991).
48. Search for New Gauge Bosons in $\bar{p}p$ Collisions at $\sqrt{s} = 1.8$ TeV, The CDF Collaboration (with F. Abe et al.), Phys. Rev. Lett. **68**, 1463 (1992).
49. Measurement of the Ratio $B(W \rightarrow \tau\nu)/B(W \rightarrow e\nu)$ in $\bar{p}p$ Collisions at $\sqrt{s} = 1.8$ TeV, as a Test of Lepton Universality, The CDF Collaboration (with F. Abe et al.), Phys. Rev. Lett. **68**, 3398 (1992).
50. Measurement of the Production and Muonic Decay Rate of W and Z Bosons in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV, The CDF Collaboration (with F. Abe et al.), Phys. Rev. Lett. **69**, 28 (1992).
51. Measurement of the Ratio $\sigma \cdot B(W \rightarrow e\nu)/\sigma \cdot B(Z^0 \rightarrow e^+e^-)$ in $\bar{p}p$ Collisions at $\sqrt{s} = 1.8$ TeV, The CDF Collaboration (with S. Kopp,¹ F. Abe et al.), Phys. Rev. Lett. **73**, 220 (1994).
52. Evidence for Top Quark Production in $\bar{p}p$ Collisions at $\sqrt{s} = 1.8$ TeV, The CDF Collaboration (with J. Romano,¹ F. Abe et al.), Phys. Rev. Lett. **73**, 225 (1994).
53. Evidence for Top Quark Production in $\bar{p}p$ Collisions at $\sqrt{s} = 1.8$ TeV, The CDF Collaboration (with J. Romano,¹ F. Abe et al.) Phys. Rev. **D50**, 2966 (1994).
54. Search for the Top Quark Decaying to a Charged Higgs Boson in $\bar{p}p$ Collisions at $\sqrt{s} = 1.8$ TeV, The CDF Collaboration (with F. Abe et al.), Phys. Rev. Lett. **73**, 2667 (1994).
55. Measurement of Drell-Yan Electron and Muon Pair Differential Cross Sections in $\bar{p}p$ Collisions at $\sqrt{s} = 1.8$ TeV, The CDF Collaboration (with K. Bloom,¹ F. Abe et al.), Phys. Rev. **D49**, R1 (1994).
56. Direct Measurement of the W Boson Width, The CDF Collaboration (with S. Kopp,¹ F. Abe et al.), Phys. Rev. Lett. **74**, 341 (1995).
57. Search for New Gauge Bosons Decaying into Dielectrons in $\bar{p}p$ Collisions at $\sqrt{s} = 1.8$ TeV, The CDF Collaboration (with F. Abe et al.), Phys. Rev. **D51**, R949 (1995).
58. Observation of Top Quark Production in $\bar{p}p$ Collisions with the Collider Detector at Fermilab, The CDF Collaboration (with J. Romano,¹ F. Abe et al.), Phys. Rev. Lett. **74**, 2626 (1995).
59. Search for Charged Bosons Heavier than the W Boson in $\bar{p}p$ Collisions at $\sqrt{s} = 1800$ GeV, The CDF Collaboration (with S. Kopp,¹ F. Abe et al.), Phys. Rev. Lett. **74**, 2900 (1995).
60. Measurement of the W Boson Mass, The CDF Collaboration (with D. Saltzberg,¹ F. Abe et al.), Phys. Rev. **D52**, 4784 (1995).
61. Measurement of the W Boson Mass, The CDF Collaboration (with D. Saltzberg,¹ F. Abe et al.), Phys. Rev. Lett. **75**, 11 (1995).

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62. Measurement of the Ratio $\sigma B(\bar{p}p \rightarrow W \rightarrow e\nu)/\sigma B(\bar{p}p \rightarrow Z^0 \rightarrow ee)$ in $\bar{p}p$ Collisions at $\sqrt{s} = 1.8$ TeV, The CDF Collaboration (with S. Kopp,¹ F. Abe et al.), Phys. Rev. **D52**, 2624 (1995).
63. 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, The CDF Collaboration (with S. Kopp,¹ F. Abe et al.), Phys. Rev. Lett. **76**, 3070 (1996).
64. Forward-Backward Charge Asymmetry of Electron Pairs Above the Z^0 Pole, The CDF Collaboration (with Jeff Berryhill,¹ F. Abe et al.), Phys. Rev. Lett. **77**, 2616 (1996).
65. The $\mu\tau$ and $e\tau$ Decays of Top Quark Pairs Produced in $\bar{p}p$ Collisions at $\sqrt{s} = 1.8$ TeV, The CDF Collaboration (with M. Hohlmann,¹ F. Abe et al.), Phys. Rev. Lett. **79**, 3585 (1997).
66. Search for New Particles Decaying into $B\bar{B}$ Produced in Association with W Bosons Decaying into E_η or μ_η at the Tevatron, The CDF Collaboration (with F. Abe et al.), Phys. Rev. Lett. **79**, 3819 (1997).
67. Search for First Generation Leptoquark Pair Production in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV, The CDF Collaboration (with F. Abe et al.), Phys. Rev. Lett. **79**, 4327 (1997).
68. Measurement of the $t\bar{t}$ Production Cross-Section in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV, The CDF Collaboration (with F. Abe et al.), Phys. Rev. Lett. **80**, 2773 (1998).
69. Measurement of the Top Quark Mass, The CDF Collaboration (with F. Abe et al.), Phys. Rev. Lett. **80**, 2767 (1998).
70. Measurement of the Top Quark Mass and $t\bar{t}$ Production Cross-Section from Dilepton Events at the Collider Detector at Fermilab, The CDF Collaboration (with F. Abe et al.), Phys. Rev. Lett. **80**, 2779 (1998).
71. Searches for New Physics in Diphoton Events in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV, The CDF Collaboration (with F. Abe et al.), Phys. Rev. Lett. **81**, 1791-1796 (1998).
72. The Search for Supersymmetry at the Tevatron Collider, (with M. Carena, (Fermilab), R.L. Culbertson (UC), S. Eno (Maryland), and S. Mrenna (ANL)), hep-ex/9712022, to appear in the book "Perspectives in Supersymmetry," edited by G.L. Kane, World Scientific.
73. The Search for Supersymmetry at the Tevatron Collider, (with M. Carena et al.), to be published in Reviews of Modern Physics.
74. Search for Higgs Bosons Produced in Association with a Vector Boson in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV, The CDF Collaboration (with F. Abe et al.), Phys. Rev. Lett. **81**, 5748-5753 (1998).
75. Measurement of the Top Quark Mass with the Collider Detector at Fermilab, The CDF Collaboration (with F. Abe et al.), Phys. Rev. Lett. **82**, 271-276 (1999), Erratum-ibid. **82**, 2808-2809 (1999).
76. Search for a Technicolor Ω_T Particle in Events with a Photon and a B Quark Jet at Fermilab, The CDF Collaboration (with F. Abe et al.), Phys. Rev. Lett. **83**, 3124-3129 (1999).
77. Searches for New Physics in Diphoton Events in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV, The CDF Collaboration (with F. Abe et al.), Phys. Rev. **D59**, 092002 (1999).
78. 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, The CDF Collaboration (with F. Abe et al.), Phys. Rev. **D62**, 12004 (2000).
79. Direct Measurement of the W Boson Width in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV; The CDF Collaboration with T. Affolder et al.) Phys. Rev. Lett. **85**, 3347 (2000)
80. Search for the W' Boson via the Decay Mode $W' \rightarrow \mu\nu_\mu$ in 1.8 TeV $p\bar{p}$ Collisions, (with F. Abe, *et al.*) Phys. Rev. Lett. **84**, 5716 (2000).
81. Search for Narrow Diphoton Resonances and for $\gamma\gamma + W/Z$ Signatures in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV; (with A. Castro, P. Wilson, and T. Affolder, et al.; CDF collaboration) Phys. Rev. **D64** (2001) 092002.

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83. Search for New Heavy Particles in the WZ Final State in Proton Anti-Proton Collisions at $\sqrt{s} = 1.8$ TeV (with D. Toback and C. Battle and the CDF Collaboration); FERMILAB-PUB-01-219-E, Aug 2001, Phys. Rev. Lett. **88**(2002) 071806
84. Searches for New Physics in Photon-Lepton Events in Proton-Antiproton Collisions at $\sqrt{s} = 1.8$ TeV (with J. Berryhill and the CDF Collaboration) FERMILAB-PUB-01-298-E, EFI-2001-45, Oct 2001. 76pp. Phys. Rev. **D66** (2002) 012004.
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88. The Ratio of $W + N$ jets To $Z^0/\gamma^* + N$ jets Versus N As a Precision Test of the Standard Model, (with Erin Abouzaid) Phys. Rev. D **68**, 033014 (2003) [arXiv:hep-ph/0303088].
89. "Virtual Prototype Method Used in Design of Electronic Circuitry for CDF,"; with W. Ashmanskas, M. Bogdan, T. Liu, H. Sanders and M. Shochet; Nucl. Instrum. Meth. A **518**, 491 (2004).
90. Picosecond Time-of-Flight Measurement for Colliders Using Cherenkov Light; with T. Credo, H. Sanders, R. Schroll, and F. Tang; proceedings of the IEEE, Rome, Italy, Oct. 2004; Nuclear Science Symposium Conference Record, 2004 IEEE, Volume: 1 Date: 16-22 Oct. 2004
91. "A 96-channel FPGA-based Time-to-Digital Converter," with M. Bogdan *et al.*, Nucl. Instrum. Meth. A **554**, 444 (2005) [arXiv:physics/0502062].
92. "Search for Anomalous Production of Diphoton Events With Missing Transverse Energy at CDF and Limits on Gauge-mediated Supersymmetry-breaking Models,"; with D. Acosta *et al.* [CDF Collaboration]; Phys. Rev. D **71**, 031104 (2005) [arXiv:hep-ex/0410053].
93. "The Timing System for the CDF Electromagnetic Calorimeters"; with M. Goncharov, D. Toback, et al.; FERMILAB-PUB-05-543-E, Dec 2005. Nucl.Instrum.Meth.A565:538-542,2006 [Archive: physics/0512171]
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95. "Development of a Picosecond-Resolution TDC for Large Scale Time-of-Flight Systems ", with Timothy Credo, Karen Byrum, Gary Drake, Harold Sanders, and Fukun Tang; submitted to the IEEE 2006 Nuclear Science Symposium, Sand Diego (submitted May, 2006)
96. "Development of a Readout System for Large Scale Time-of-Flight Systems with Picosecond Resolution", with Timothy Credo,, Karen Byrum, Gary Drake, Harold Sanders, Fukun Tang, and Jakob Van Santen; submitted to the IEEE 2006 Nuclear Science Symposium, Sand Diego (submitted May, 2006)
97. "Search for New Physics in Photon-Lepton+X Events with 305 pb^{-1} of $p\bar{p}$ Collisions at $\sqrt{s}= 1.96$ TeV", with A. Loginov *et al.* [CDF Collaboration]; Phys. Rev. Lett. 97:031801,2006; hep-ex/0605097
98. "Search for New Physics in Lepton + Photon + X Events with 929 pb^{-1} of $p\bar{p}$ Collisions at $\sqrt{s} = 1.96\text{TeV}$ "
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99. “Development of a Front-End Electronics for Pico-second Resolution.”;
G. Drake, K. Karen (Argonne) , Henry J. Frisch, H. Sanders, f. Tang (Chicago U., EFI).
RT2007-PS2B002, Apr 2007. 15th IEEE Real Time Conference 2007 (RT 07), Batavia, Illinois, 29 Apr - 4 May 2007.
100. “Transmission-Line Readout with Good Time and Space Resolutions for a Planicon MCP-PMT”;
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101. “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.”;
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102. “The Timing Properties of a Picosecond MCP-PMT Measured at the Fermilab MTEST Test Beam”
Gary Drake et al.;
Submitted to IEEE08, October, 2008; Dresden Germany
103. “New Developments in Fast-Sampling Analog Readout of MCP-Based Large-Area Picosecond Time -of-Flight Detectors”
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104. “Results of a Search for Heavy, Right-handed Quarks in Dileptons+X”;
with Collin Wolfe and the CDF Run II Collaboration (A. Abulencia et al.).
To be submitted to Phys. Rev. D.
(in the process of internal CDF review as of Dec. 2007, but available on request.).
105. “Pico-second Resolution Timing Measurements”,
with Jean-Francois Genat, Gary Varner, and Fukun Tang. Oct 2008. 18pp.
Published in Nucl.Instrum.Meth.A607:387-393,2009.
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106. “Searching the Inclusive $\ell\gamma E_t + b - quark$ Signature for Radiative Top Quark Decay and Non-standard-model Processes”,
with I. Shreyber, A. Loginov, *et al.* [CDF Collaboration];
Physical Review D (Vol.80, No.1):1 July 2009
URL: <http://link.aps.org/abstract/PRD/v80/e011102>
107. “Search for the Neutral Current Top Quark Decay $t \rightarrow Zc$ Using Ratios of Z+4 Jets to W+4 Jets Production”,
with A. Paramonov *et al.* [CDF Collaboration];
Phys. Rev. D80,052001 (Aug., 2009);
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CERN-2008-008, ‘Naxos 2008, Electronics for Particle Physics’ p. 579
109. “Level-3 Calorimetric Resolution available for the Level-1 and Level-2 CDF Triggers”;
Anadi Canepa et al. (CDF Collaboration); FERMILAB-CONF-08-655-PPD, PIC-2008-0040, Jun 2008;
Proceedings of 28th Physics in Collision (PIC 2008), Perugia, Italy, 25-28 Jun 2008, p. 40.
110. “Development of Picosecond-resolution Large-area Time-of-flight Systems”;
with C. Ertley, J. Anderson, K. Byrum, G. Drake, Henry Frisch, J.-F. Genat, H. Sanders, F. Tang;
IEEE Trans.Nucl.Sci.56:1042,2009.

111. “A Multi-Threshold Sampling Method for TOF PET Signal Processing”, with H. Kim, C.-M. Kao, Q. Xie, C.-T. Chen, L. Zhou, F. Tang, W.W. Moses, W.S. Choong; Nuclear Instrument and Methods in Physics Research, A, 602, p. 618, 2009.
112. “Continuous Scintillator Slab with Micro-channel plate PMT for PET”, with H. Kim, C.-M. Kao, W.W. Moses, W.-S. Choong, J.-F. Genat, F. Tang, and C.-T. Chen, Conference Record of the 2009 IEEE Nuclear Science Symposium and Medical Imaging, Orlando Fla., Oct. 2009; pp. 2553-2556
113. “A Design of a PET Detector using Micro-channel plate PMTs with Transmission Line Readout”, with H. Kim, C.-M. Kao, W.W. Moses, W.-S. Choong, J.-F. Genat, F. Tang, and C.-T. Chen ; Conference Record of the 2009 IEEE Nuclear Science Symposium and Medical Imaging, Orlando Fla., Oct. 2009; pp. 3106-3110.
114. “A Design of a PET Detector Using Micro-Channel Plate Photo-Multipliers with Transmission-Line Readout”; with H. Kim, C.-T. Chen J.-F. Genat, F. Tang, W.W. Moses, W. S. Choong, and C.-M. Kao. to be published in Nucl. Inst. and Meth. A.
115. “A Prototype PET Detector Module using Micro-channel Plate Photomultiplier Tube with Waveform Sampling” with H. Kim, C-M Kao, C-T Chen, J.-F. Genat, and Fukun Tang; to be published in Proceedings of the IEEE, Knoxville Tenn., Oct. 30, 2010
116. “Present Limits on the Precision of SM Predictions for Jet Energies”, with Alexander Paramonov, Florencia Canelli, Monica D’Onofrio, and Stephen Mrenna; to be published in Nucl. Inst. and Meth. A; June 3, 2010
117. “Search for Light New Particles via Signatures with Soft Leptons in Electroweak Final States”, with Scott Wilbur, Dan Krop, Carla Grosso-Pilcher (CDF Collaboration) in preparation.
118. “A Measurement Top Pair + Photon Cross-section in Pbar-P Collisions at 1.96 TeV”, with Benjamin Auerbach, Andrei Loginov, Irina Shreyber, and Paul Tipton (CDF Collaboration) in preparation.

2 Other Publications:

1. Transverse Momentum Distributions of Charged Particles Produced in $\bar{p}p$ Collisions at $\sqrt{s} = 630$ and 1800 GeV, The CDF Collaboration (with F. Abe et al.), Phys. Rev. Lett. **61**, 1819 (1988).
2. Measurement of the Inclusive Jet Cross Section in $\bar{p}p$ Collisions at $\sqrt{s} = 1.8$ TeV, The CDF Collaboration (with F. Abe et al.), Phys. Rev. Lett. **62**, 613 (1989).
3. Limits on the Masses of Supersymmetric Particles from 1.8-TeV $p\bar{p}$ Collisions, The CDF Collaboration (with F. Abe et al.), Phys. Rev. Lett. **62**, 1825 (1989).
4. Dijet Angular Distributions from $\bar{p}p$ Collisions at $\sqrt{s} = 1.8$ TeV, The CDF Collaboration (with F. Abe et al.), Phys. Rev. Lett. **62**, 3020 (1989).
5. Search for Heavy Stable Charged Particles in 1.8-TeV $p\bar{p}$ Collisions at the Fermilab Collider, The CDF Collaboration (with F. Abe et al.), Phys. Rev. Lett. **63**, 1447 (1989).
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123. **End of ‘other publications’- see Primary publications above**

3 US Patents

1. LARGE AREA, PICO-SECOND RESOLUTION, TIME OF FLIGHT DETECTORS;
US Patent US 2007/0187596 A1; Aug 16, 2007
Inventors: Henry J. Frisch, Harold Sanders, Fukun Tang, Tim Credo
2. ”ANODIZED ALUMINUM OXIDE WITH ATOMIC LAYER DEPOSITION AS MICRO-CHANNEL PLATE DETECTOR”, Jeffrey Elam, Hsien-Hau Wang, Michael Pellin, Karen Byrum, and Henry Frisch, Inventors. Provisional application ANL-IN-09-017 filed.
3. USE OF FLAT PANEL MICROCHANNEL PHOTOMULTIPLIERS IN SAMPLING CALORIMETERS WITH TIMING; Chin-Tu Chen, Woon-Seng Choong, Henry J. Frisch, Jean-Francois Genat, Chien-Min Kao, Heejong Kim, and Fukun Tang, Inventors; Provisional application ANL-IN-09-017 filed.