

1 CDF History

I have been working on CDF from the beginning, starting before we had settled on the basic design, or even the name. Some of the tasks in which I have played a substantial role are:

- Co-editor of the original 1984 Detector Design Report (with Hans Jensen)
- Author of the CDF-I NIM detector overview paper ('Nim Blue Book')
- The trigger, trigger-DAQ interface, trigger room layout, cable plant.
- The original luminosity monitor system (Beam-beam counters), Main-ring splash veto,..
- Chair of the Plug Godparent committee; member of the tracking Godparent Committee (G. Ascoli was chair when the COT decision was made, against the wishes of the Spokesperson).
- Co-leader of the original Trigger Working Group (with Hans Jensen)
- Trigmon, Lummon, Physmon, and other data-quality monitors
- Express Line reconstruction and fast access to data; Stream C in Run I; Good Run List.
- First Convenor of EWK (with Lee Holloway)
- Exotics Convenor
- Commissioning and run planning in Runs -2, -1, 0, and Run I

However, a more complete picture, especially of physics interests as well as hardware, planning, and organization, is given by the list of CDF notes, linked below, that I have written with others.

2 Collider Detector Experiment Internal Notes:

The best way to see what I have worked on (other than the work involving the trigger or commissioning in the early runs) is to look at CDF notes I have helped write. I have been uniformly lucky in having wonderful students and postdocs.

1. Asymmetry in $W \rightarrow \text{Lepton} + \text{Neutrino}$ Decays, CDF Note Number: 0100.
2. Status of the CDF Trigger (with M. Campbell, R. Gabriel, C. Grosso-Pilcher, and H. Sanders), CDF Note Number: 0157.
3. Triggers and Partitions, CDF Note Number: 0237.
4. Electron Sign Determination in the Forward Direction Revisited, CDF Note Number: 0242.
5. Beam-Beam Counters For CDF (with T. Liss, Y. Kikuchi, K. Kondo, and G. Redlinger), CDF Note Number: 0250.
6. Specifications for Level 3 (with E. Barsotti, A. Brenner, T. Carroll, C. Day, and R. Perchonok), CDF Note Number: 0278.
7. CDF Upgraded Forward Muon Coverage and Integrated Dipole-TRD (with M. Atac, D. Theriot, D. Carlsmith, and D. Cline), CDF Note Number: 0332.
8. CDF Fred Functional Specifications (with M. Campbell, M. Dell'orso, P. Giannetti, and C. Grosso-Pilcher), CDF Note Number: 0364.
9. The Trigger System for the Collider Detector Facility (with D. Amidei, M. Campbell, and C. Grosso-Pilcher), CDF Note Number: 0375.
10. Performance of Beam-Beam Counter in 1985 Run (with T. Kamon and T. Liss), CDF Note Number: 0416.
11. Trigger Simulation Studies (with G. Redlinger), CDF Note Number: 0468.

12. Specification of Event Filtering Protocol for CDF (with M. Campbell and M. Shapiro), CDF Note Number: 0474.
13. Missing E_t Analysis Plan (with B. Esposito and L. Nodulman), CDF Note Number: 0506.
14. A Two Level Fastbus Based Trigger System for CDF (with D. Amidei, M. Campbell, C. Grosso-Pilcher, J. Hauser, T. Liss, G. Redlinger, A. Roodman, H. Sanders, M. Shochet, J. Ting, Y.D. Tsai, M. Dell'orso, P. Giannetti, and L. Ristori), CDF Note Number: 0510.
15. Data Reduction for a Missing E_T Sample (with L. Nodulman, B. Esposito, M. Curatolo, S. Hahn, and R. Plunkett), CDF Note Number: 0561, 10/27/87.
16. A Measurement of IVB Production in 1.8 TeV Collisions by Missing E_T (with L. Nodulman, D. Amidei, M. Contreras, M. Curatolo, B. Esposito, S. Hahn, R. Plunkett, M. Shibata, and R.G. Wagner), CDF Note Number: 0614, 2/15/88.
17. Top Pair Total Cross Sections (with B. Hollebeek and P. Sinervo), CDF Note Number: 0656, 4/18/88.
18. The Change in Top Cross Sections in Going from $\sqrt{s} = 1.8$ TeV to 2.0 TeV (with B. Hollebeek and P. Sinervo), CDF Note Number: 0657, 4/18/88.
19. Main Ring Splash Monitoring and the MR Counters Inhibit (with E. Meschi and A. Tollestrup), CDF Note Number: 0764, 9/30/88.
20. Determination of the Z^0 Boson Mass and Width from the Combined CDF $Z^0 \rightarrow \mu^+\mu^-$ and $Z^0 \rightarrow e^+e^-$ Data Sample (with S. Errede), CDF Note Number: 0998, 8/4/89.
21. A Measurement of the Ratio of W and Z Cross Sections (with C. Bowers, C. Campagnari, P. Derwent, S. Kopp, and M. Miller), CDF Note Number: 1026, 9/19/89.
22. Comments on the Forward Energy Scale Using Central-Forward Z's (with P. Derwent, C. Campagnari, and M. Miller), CDF Note Number: 1038, 10/9/89.
23. Investigation of Charge Asymmetry in Lepton Pairs Above the Z Mass (with P. Derwent), CDF Note Number: 1085, 12/5/89.
24. Measurement of $\sigma(W \rightarrow e\nu)$ and $\sigma(Z \rightarrow ee)$ in $\bar{p}p$ Collisions at $\sqrt{s} = 1.8$ TeV (with C. Campagnari, P. Derwent, C. Grosso-Pilcher, and M. Miller), CDF Note Number: 1107, 1/4/90.
25. A Proposal for a Superspin, CDF Note Number: 1168, 4/14/90.
26. Can We Write More Events to Tape Next Run?, CDF Note Number: 1258, 7/16/90.
27. A Standard Data Sample for $W \rightarrow \mu\nu$ and $Z \rightarrow \mu^+\mu^-$ Analysis (with A. Byon-Wagner, S. Eno, C. Grosso-Pilcher, D. Smith, D. Kardelis, and R. Swartz), CDF Note Number: 1263, 7/18/90.
28. A Study of the Associated Event in W and Z Production (with A. Byon-Wagner and R. Snider), CDF Note Number: 1265, 7/18/90.
29. Recent Results from Hadron Colliders (with The CDF Collaboration), CDF Note Number: 1326, Published in Proceedings of PANIC XII, Massachusetts Institute of Technology, Cambridge, MA, June 25-29, 1990, 12/9/90.
30. The W and Z Underlying Event Analysis (with A. Byon-Wagner, S. Eno, and R. Snider), CDF Note Number: 1416, 4/9/91.
31. Trigger and Physics Cross-Sections for the 1991 Run (with R. Blair, M. Contreras, C. Campagnari, A. Gauthier, S. Geer, C. Grosso-Pilcher, J. Huth, J. Jensen, S. Kim, S. Kuhlmann, M. Miller, L. Pondrom, J. Romano, A. Roodman, M. Shapiro, P. Sinervo, et al.), CDF Note Number: 1467, 5/22/91.
32. CDF Data Storage and Analysis Modifications (with B. Blair, P. Berge, M. Contreras, S. Errede, B. Flaughner, M. Franklin, A. Gauthier, M. Gold, J. Huth, R. Harris, S. Kuhlmann, M. Miller, A. Mukherjee, C. Newman-Holmes, L. Nodulman, and R. Plunkett), CDF Note Number: 1490, 6/20/91.

33. Electroweak Physics with CDF (with The CDF Collaboration), CDF Note Number: 1508, Pub. Proceedings Les Rencontres de Physique de la Vallée D'Aosta, La Thuile, Italy, March 4-9, 1991, 7/10/91.
34. Low Mass Drell-Yan in the Electron Channel (with K. Bloom, M. Contreras, and C. Grosso-Pilcher), CDF Note Number: 1622, 11/15/91.
35. Studies Regarding the Measurement of the Ratio of $dN/d\eta$ in W Events (with S. Eno, S. Edner, and R. Snider), CDF Note Number: 1729, 4/13/92.
36. Conceptual Design of a Deadtimeless Trigger for the CDF Upgrade (with M. Campbell, G. Sullivan, and P. Wilson), CDF Note Number: 2038, 4/8/93.
37. Trigger Tower Organization and Summing in $\eta - \phi$ Space for Run II and Beyond (with P. Wilson), CDF Note Number: 2045, 4/15/93.
38. Specifications for the Calorimeter Front-End Electronics (Preliminary) (with C. Campagnari, G. Drake, and C. Nelson), CDF Note Number: 2060, 4/27/93.
39. A First Look at 1992-93 Minimum Bias Data (with M. Hohlmann), CDF Note Number: 2115, 6/14/93.
40. A Model for Measuring the W Mass (with D. Saltzberg), CDF Note Number: 2165, 7/14/93.
41. CDF Results on Electroweak Physics (with The CDF Collaboration), CDF Note Number: 2240, Pub. Proceedings Vth Blois Workshop, Int. Conference on Elastic and Diffractive Scattering, Brown University, Providence, RI, 9/17/93.
42. A High-Statistics Look at Minimum Bias Data from Run 1A (with M. Hohlmann), CDF Note Number: 2313, 10/31/93.
43. CDF Electroweak Studies and the Search for the Top Quark (with The CDF Collaboration), CDF Note Number: 2404, Published Proceedings XXIII International Symposium on Multiparticle Dynamics, Aspen, CO, September 14, 1993. FERMILAB-CONF-94/044-E, 12/23/93.
44. Expression of Interest in a Future Collider Detector in B0 (with T. Devlin, N. Lockyer, D. Amidei, F. Bedeschi, K. Kondo, C. Newman-Holmes, M. Shapiro, W. Carithers, M. Shochet, and J. Cooper et al.), CDF Note Number: 2436, 1/23/94.
45. Expression of Interest in a Future B0 Detector: Supporting Documents (with T. Devlin, N. Lockyer, D. Amidei, F. Bedeschi, K. Kondo, C. Newman-Holmes, M. Shapiro, W. Carithers, M. Shochet, and J. Cooper et al.), CDF Note Number: 2437, 1/23/94.
46. The 970 GeV $Z \rightarrow e^+e^- + 2$ Jets Event: Does it Have $Z^0 \rightarrow p\bar{q}q + 2$ Jets Cousins? (with M. Contreras, C. Grosso-Pilcher, G. Sullivan, and D. Toback), CDF Note Number: 2483, 2/20/94.
47. σ_{Top}/σ_W : σ_W is Better to Normalize to Than σ_{BBC} , CDF Note Number: 2484, 2/20/94.
48. Combining W Mass Measurements (with M. Demarteau, U. Heintz, R. Keup, and D. Saltzberg), CDF Note Number: 2552, 4/13/94.
49. CP, C, and P Tests Beyond the W Pole, CDF Note Number: 2708, 7/13/94.
50. How to Run PHYSMON: Consumer Operator Instructions (with M. Hohlmann), CDF Note Number: 2748, 7/29/94.
51. A Test of T-Invariance Beyond the W Pole, CDF Note Number: 2832, 9/22/94.
52. Conceptual Design of the L1 Calorimeter Trigger for the Run II Upgrade (with M. Shochet, G. Sullivan, D. Toback, J. Wahl, and P. Wilson), CDF Note Number: 2909, 12/15/94.
53. A New Measurement of the W Mass, (with The CDF Collaboration), CDF Note Number: 3156, Pub. Proc. QCD and High Energy Inter. XXXth Rencontres de Moriond, Les Arcs, France, March 19-26, 1995, 5/24/95.
54. Acceptance for Top in the Dilepton Analysis (with M. Kruse, M. Hohlmann, J. Konigsberg and G. Sullivan), CDF Note Number: 3223, 6/26/95.

55. Separating Top and Z's in Dilepton Events Inside the Z Mass Window, CDF Note Number: 3387, 10/22/95.
56. Search for Cousins of the $ee\gamma\gamma + met$ Event in the Diphoton Channel (with R. Culbertson, and D. Toback), CDF Note Number: 3456, 12/19/95.
57. A Few Observations About the WH Search (with A. Amadon, J. Berryhill, R. Culbertson, M. Hohlmann, M. Shochet, and D. Toback), CDF Note Number: 3502, 1/29/96.
58. We Are Puzzled! (with A. Amadon, J. Berryhill, R. Culbertson, M. Hohlmann, M. Shochet, and D. Toback), CDF Note Number: 3524, 2/9/96.
59. A Search for SUSY Cousins of the $ee\gamma\gamma met$ Event in the $l\gamma met$ Channel (with J. Berryhill, R. Culbertson, and D. Toback), CDF Note Number: 3555, 2/18/96.
60. Speculations on High-Mass Neutral Current Events (with J. Berryhill, R. Culbertson, D. Toback, and P. Wilson), CDF Note Number: 3556, 2/18/96.
61. Minimal ZOOSY: Four Events (with J. Berryhill, R. Culbertson, D. Toback, and P. Wilson), CDF Note Number: 3571, 2/24/96.
62. Search for New Physics in Events with Photon, b-tag, and met (with J. Berryhill, R. Culbertson, D. Toback, and P. Wilson), CDF Note Number: 3572, 2/24/96.
63. More (Less?) About the Tagging Excess in the $W + 2$ Jet Data (with A. Amadon, J. Berryhill, R. Culbertson, D. Toback, and P. Wilson), CDF Note Number: 3674, 5/10/96.
64. Update to CDF Note 3456: Search for Cousins of the $ee\gamma\gamma met$ Event in the Diphoton Channel (with J. Berryhill, R. Blair, R. Culbertson, J. Huston, S. Kuhlmann, T. Takano, D. Toback, and P. Wilson), CDF Note Number: 3850, 8/25/96.
65. Update to CDF Note 3555: Search for Cousins of the $ee\gamma\gamma met$ Event in the $l\gamma met$ Channel (with J. Berryhill, R. Culbertson, D. Toback, and P. Wilson), CDF Note Number: 3851, 8/25/96.
66. Fake, Overlap, Cosmic Ray and Standard Model Estimates for the 'Pseudo- $ee\gamma\gamma met$ ' Event (with D. Toback, J. Berryhill, R. Culbertson, and P. Wilson), CDF Note Number: 3892, 9/25/96.
67. Comments on Run 65390, Event 16199: CDF's $\mu\mu\gamma\gamma + 2$ jet Candidate Event (with M. Contreras, and D. Toback), CDF Note Number: 3917, 10/17/96.
68. Dijet Mass of $W + 2$ Jet b-Tagged Events (with A. Amadon), CDF Note Number: 3926, 10/18/96.
69. Setting Limits with $\gamma\gamma + met$ Analysis (with D. Toback, J. Berryhill, and B. Blair), CDF Note Number: 4121, 3/28/97.
70. Searches for New Physics in Diphotons Events at $\sqrt{s} = 1800$ GeV (with D. Toback, and B. Blair), CDF Note Number: 4149, 4/13/97.
71. Search for a Light Stop in Photon-Enriched SUSY (with J. Berryhill, R. Culbertson, M. Shochet, D. Toback, and P. Wilson), CDF Note Number: 4155, 4/22/97.
72. Summary of the $\gamma\gamma + X$ Counting Experiments (with D. Toback, P. Wilson, R. Culbertson, J. Berryhill, and R. Blair), CDF Note Number: 4183, 5/21/97.
73. SVT: An Online Silicon Vertex Tracker for the CDF Upgrade (with A. Aldarese, A. Bardi, S. Belforte, J. Berryhill, A. Cerri, A.G. Clark, R. Culbertson, M. Dell'Orso, S. Donati, J. Dusatko, S. Galeotti, P. Giannetti, A. Leger, E. Meschi, F. Morsani, T. Nakaya, G. Punzi, L. Ristori, H. Sanders, M. Shochet, T. Speer, F. Spinella, P. Wilson, X. Wu, and A.M. Zanetti), CDF Note Number: 4246, 7/10/97.
74. Some Additional Studies for $W\bar{b}b$ Analysis (with W. Yao), CDF Note Number: 4285, 8/7/97.
75. The eegmett Candidate Event (with D. Toback, R. Culbertson, D. Stuart and F. Qun), CDF Note Number: 4304, 8/20/97.
76. Search for Anomalous High Mass Diphoton Production (with P. Wilson), CDF Note Number: 4338, 9/23/97.

77. Conceptual Design of the Global L1 Trigger Decision Crate for the Run II Upgrade (with A. Amadon, M. Shochet, J. Wahl, P. Wilson, G. Feild, and M. Schmidt), CDF Note Number: 4339, 9/23/97.
78. Limits on the Technicolor Omega from Events with a Photon and B-tag (with J. Berryhill, R. Culbertson, M. Shochet, D. Toback and P. Wilson), CDF Note Number: 4397, 11/19/97.
79. Thoughts on Luminosity for Run II, CDF Note Number: 4419, 12/8/97.
80. Search for a Higgs Decaying to Two Photons, (with P.J. Wilson), CDF Note Number: 4523, 3/11/98.
81. Criteria for Data Handling: CDF Physics Groups, (with J. Lamoreux, M. Lancaster, J. Lewis, S. Rolli, D. Stuart, S. Tkaczyk, K. Tollefson, B. Wicklund, and W. Yao), CDF Note Number: 4568, 4/28/98.
82. Specification of the XTRP, SVT, and Level 2 Interfaces, (with S. Belforte, J. Berryhill, R. Culbertson, M. Dell'Orso, P. Giannetti, T. Nakaya, E. Meschi, G. Punzi, L. Ristori, M. Shochet, F. Spinella, P.J. Wilson and A. Zanetti), CDF Note Number: 4578, 5/5/98.
83. Photon Selection for Exotic Analyses, (with J. Berryhill, R. Culbertson, C. Grosso-Pilcher, and P.J. Wilson), CDF Note Number: 4580, 5/7/98.
84. A Draft Specification of the Real-Time Monitoring Program 'Physmon', CDF Note Number: 4621, 6/2/98.
85. CEM Phototube Base Modification for a TDC Dynode Output, (with R.G. Wagner), CDF Note Number: 4631, 6/10/98.
86. A Search for SUSY Cousins, (with J. Berryhill, R. Culbertson, D. Toback, and P.J. Wilson), CDF Note Number: 4662, 7/6/98.
87. Proposal to Instrument the Central and Plug EM Phototubes with TDCs, (with R. Wagner), CDF Note Number: 4694, 8/7/98.
88. Search for Non-SM Production in the Tau-Gamma Channel, (with P. Murat, T. Andre, and J. Berryhill), CDF Note Number: 4702, 8/12/98.
89. Updated Limits for Gamma, b, Met Search, (with R. Culbertson), CDF Note Number: 4748, 9/20/98.
90. Users Guide for Level 1 Electron, Photon and Jet Triggers, (with A. Amadon, R. Culbertson, C. Grosso-Pilcher, M. Shochet, D. Toback, J. Wahl, and P.J. Wilson), CDF Note Number: 4782, 10/17/98.
91. A Filter for 'One-Legged' Cosmic Ray Muons in Run 1B Data, CDF Note Number: 4830, 12/9/98.
92. A Study of Photon Isolation via the Z Boson, (with D. Fernie, and C. Grosso-Pilcher), CDF Note Number: 4891, 2/16/99.
93. Introduction to High P_t Physics at the Tevatron, CDF Note Number: 4961, 4/22/99.
94. A Search for New Physics in Inclusive Photon-Lepton Events I: Standard Model Expectations, (with T. Andre, J. Berryhill, R. Culbertson, N. Lai, P. Murat, and P.J. Wilson), CDF Note Number: 4976, 5/3/99.
95. A Search for New Physics in Inclusive Photon-Lepton Events II: Run 1B Results, (T. Andre, J. Berryhill, R. Culbertson, N. Lai, P. Murat, and P.J. Wilson), CDF Note Number: 4977, 5/3/99.
96. Hardware Design and Specification of the SVT Track Fitter, (with T. Nakaya, M. Bogdan, R. Culbertson, H. Sanders, and M. Shochet), CDF Note Number: 5026, 6/3/99.
97. Search for the Charged Higgs Boson in the Decays of Top Quark Pairs in the $e\tau$ and $\mu\tau$ Dilepton Channel, (with M. Gallinaro, and M. Hohlmann), CDF Note Number: 5098, 8/23/99.
98. Combining the CDF and D0 R Measurements, (with S. Eno, G. Gomez, M. Lancaster, D. Toback, J. Wahl, and D. Wood), CDF Note Number: 5139, 10/6/99.
99. Direct Measurement of the W Boson Width in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV, (with W. Ashmanskas, D. Garfinkel, Hardman, and M. Lancaster), CDF Note Number: 5148, 10/18/99.
100. The Underlying Event: Dijet vs. Z-jet; (with Rick Field, Richard Haas, and David Stuart), CDF Note Number: CDF/ANAL/CDF/CDFR/5295; 4/19/00.

101. Comparison of Run 1B Lepton-Photon Data to the Standard Model $W\gamma$ and $Z\gamma$ Background, (with Troy Andre and Jeff Berryhill),
CDF Note Number: CDF/ANAL/EXOTIC/CDFR/5330; 5/31/00.
102. Specification of Transition Module for Autonomous inputs to PreFRED,
(with C.R.S. Prescod-Weinstein and P.J. Wilson),
CDF Note Number: CDF/DOC/TRIGGER/CDFR/5403; 8/22/00.
103. List of ‘Banks’ in the Run II PAD Format; (with Ray Culbertson, Pasha Murat, Simona Rolli, David Saltzberg, Pierre Savard, Rick Snider, Peter Tamburello, Robert G. Wagner and Avi Yagil),
CDF Note Number: CDF/DOC/CDF/CDFR/5404; 8/27/00.
104. Search for New Physics in Events with a Photon and b-quark jet at CDF; (with T. Affolder et al., The CDF Collaboration (R. Culbertson, H. Frisch),
CDF Note Number: CDF/PUB/EXOTIC/PUBLIC/5450; 10/7/00.
105. A Search for New Physics in Photon-Lepton Events; (with J. Berryhill),
CDF Note Number: CDF/ANAL/EXOTIC/CDFR/5482; 11/1/00.
106. Performance of SVT during the commissioning run; (with Ashmanskas, Barchiesi, Bardi, Bari, Belforte, Berryhill, Bogdan, Carosi, Cerri, Chlachidze, Culberston, Dell’Orso, Donati, Frisch, Galeotti, Giannetti, Glagolev, Moneta, Morsani, Nakaya, Passuello, Punzi, Rescigno, Ristori, Sanders, Sarkar, Semenov, Shochet, Speer, Spinella, Vataga, Wu, Yang, Zanello, and Zanetti),
CDF Note Number: CDF/MEMO/TRIGGER/CDFR/5511; 12/1/00.
107. Proposal to Add Timing Information Into the Readout of the Central and Plug Electromagnetic Calorimeters; (with D. Toback, T. Kamon, S.W. Lee, J. Londono, H. Frisch, P. Onyisi, C. Grosso-Pilcher, R.G. Wagner, M. Cordelli),
CDF Note Number: CDF/DOC/CALORIMETRY/CDFR/5518; 12/14/00.
108. Search for Narrow Diphoton Resonances and for gamma-gamma+W/Z Signatures in p-p Collisions at $\sqrt{s}=1.8$ TeV; (with Andrea Castro and Peter Wilson),
CDF Note Number: CDF/PUB/EXOTIC/PUBLIC/5560; 2/19/01.
109. Search for $W^+\rightarrow WZ$ in the $\text{enu}+\text{jet-jet}$ Decay Channel; (with Dave Toback, Henry Frisch and Chris Battle),
CDF Note Number: CDF/ANAL/EXOTIC/CDFR/5610; 4/9/01.
110. The Good Run List; (with William Badgett, Rick St. Denis, and Tony Vaiciulis),
CDF Note Number: CDF/MEMO/PRODUCTION/PUBLIC/5613; 4/10/01.
111. Thoughts on Using the Express Line to Validate the Data (with Nancy Lai and David Toback),
CDF Note Number: CDF/PHYS/TRIGGER/PUBLIC/5622; 4/26/01.
112. Draft Proposal for the Summer-2002 Top Dilepton Analysis and Top Dilepton Dataset; (with Mircea Coca, David Goldstein, Jaco Konigsberg, Mark Kruse, Nancy Lai, Carla Pilcher, David Saltzberg, and Paul Tipton),
CDF Note Number: CDF/PHYS/TOP/PUBLIC/5676; 7/13/01.
113. Performance of the CDF Online Silicon Vertex Tracker (with, Bardi, Belloni, Carosi, Chalachidze, Dell’Orso, Donati, Galeotti, Giannetti, Glagolev, Morsani, Passuello, Punzi, Ristori, Semenov, Spinella, Barchiesi, Rescigno, Sarkar, Zanello, Bari, Belforte, Zanetti, Fiori, Ashmanskas, Baumgart, Berryhill, Bogdan, Culbertson, Nakaya, Sanders, Shochet, Yang, Cerri, Liu, Moneta, Speer, Wu),
CDF Note Number: CDF/PUB/SEC/VTX/PUBLIC/5747; 10/16/01.
114. Limits on Extra Dimensions and New Particle Production in the Photon and Missing Energy Signature in p-pbar Collisions at $\sqrt{s}=1.8$ TeV; (with P. Onyisi),
CDF Note Number: CDF/PUB/EXOTIC/CDFR/5765; 11/4/01.
115. Search for New Physics in Photon-Lepton Events in p-pbar Collisions at $\sqrt{s}=1.8$ TeV; (with J. Berryhill),
CDF Note Number: CDF/PUB/EXOTIC/PUBLIC/5819; 12/21/01.

116. The CDF-II Online Silicon Vertex Tracker, (with Ashmanskas, Barchiesi, Bardi, Bari, Baumgart, Belforte, Belloni, Berryhill, Bogdan, Carosi, Cerri, Chlachidze, Culbertson, Dell'Orso, Donati, Fiori, Galeotti, Giannetti, Glagolev, Liu, Meschi, Moneta, Morsani, Nakaya, Passuello, Punzi, Rescigno, Ristori, Sanders, Sarkar, Semenov, Shochet, Speer, Spinella, et al.);
CDF Note Number: CDF/PUB/TRIGGER/PUBLIC/5820; 12/22/01.
117. Top Dilepton Monte Carlo Datasets and Disk Needs; (with Mircea Coca, David Goldstein, Jaco Konigsberg, Mark Kruse, Natalia Kuznetsova, Carla Pilcher, David Saltzberg, Paul Tipton, and Un-Ki Yang),
CDF Note Number: CDF/ANAL/TOP/PUBLIC/5821; 12/30/01.
118. Performance of the CDF Online Silicon Vertex Tracker, (with Ashmanskas, Barchiesi, Bardi, Bari, Baumgart, Belforte, Belloni, Berryhill, Bogdan, Carosi, Cerri, Chlachidze, Culberston, Dell'Orso, Donati, Fiori, Galeotti, Giannetti, Glagolev, Liu, Meschi, Moneta, Morsani, Nakaya, Passuello, Punzi, Rescigno, Ristori, Sanders, Sarkar, Semenov, Shochet, Speer, Spinella, and Wu),
CDF Note Number: CDF/PUB/TRIGGER/PUBLIC/5854; 2/14/02.
119. A Run II event containing two photons, one positron and large MET, (with Ray Culbertson, Beate Heine-
mann, Petra Merkel and David Toback),
CDF Note Number: CDF/PHYS/EXOTIC/CDFR/5882; 3/11/02.
120. The Merits of Stand-Alone Monte Carlo Generation, Henry Frisch,
CDF Note Number: CDF/PHYS/MONTECARLO/PUBLIC/5938; 4/27/02
Pub. Info: Talk at the CDF Monte Carlo Workshop April 27, 2002.
121. The Ratio of W+N-jets To Z+N-jets Versus N As a Precision Test of the Standard Model, (with Erin
Collins),
CDF Note Number: CDF/PHYS/ELECTROWEAK/PUBLIC/5963; 5/12/02.
122. Mezzanine card design specifications for the PULSAR board, (with Natalia Kuznetsova, Mircea Bogdan,
Ted Liu, Harold Sanders, and Peter Wittich),
CDF Note Number: CDF/DOC/TRIGGER/PUBLIC/6032; 7/8/02.
123. Predicted Cross Sections for W+Photon and Z+Photon Production, (with Chadd Smith),
CDF Note Number: CDF/PHYS/ELECTROWEAK/PUBLIC/6057; 7/28/02.
124. Standardized Comparison of Matrix Element Monte Carlo Event Generators, (with Susana Cabrera, Erin
Collins, Sebastian Carron, Claudio Ferretti, David Gerdes, Gervasio Gomez, Andrea Messina, Teresa Ro-
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125. Using Track Impact Parameter to Distinguish Hadronically-Decaying Taus in Top Quark Decays, (with
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126. Top Dilepton Working Group Document for Winter 2003 (with Cabrera, Coca, Chung, Eusebi, Halkiadakis,
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132. Identification of $\tau \rightarrow \pi^+\pi^0$ at CDF;
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133. TDC-II Design and Specification: Run IIB TDC for the COT;
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134. Test and Checkout Software Design for the Run IIB TDC-II; Ting Miao, Rod Klein, Alexander Paramonov, Steve Chappa, Henry Frisch;
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135. Search For Lepton-Photon events;
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136. Investigating Rho Backgrounds to Hadronic Tau Decay;
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137. Cross Sections and Samples for SM Backgrounds to Multiple Gauge Boson Events;
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138. Implementation of the Bjorken-Pakvasa-Tuan Model in MadGraph;
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139. Appendix A to CDF6057; Final MadGraph $W\gamma$, $Z\gamma$, $W\gamma\gamma$, and $Z\gamma\gamma$ Datasets;
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