

List of Publications

Principal Publications:

1. K. K. Gan *et al.*, “Measurement of the Reaction $e^+e^- \rightarrow \tau^+\tau^-$ at $\sqrt{s} = 29$ GeV”, Phys. Lett. B **153**, 116 (1985).
2. C. Akerlof *et al.*, “Measurement of the Topological Branching Fractions of the τ Lepton”, Phys. Rev. Lett. **55**, 570 (1985).
3. I. Beltrami *et al.*, “Observation of τ -Lepton Decay to Five Charged Particles”, Phys. Rev. Lett. **54**, 1775 (1985).
4. K. K. Gan *et al.*, “Study of τ Decay Modes with Multiple Neutral Mesons in the Final States”, Phys. Rev. Lett. **59**, 411 (1987).
5. K. K. Gan *et al.*, “Upper Limit on the Branching Ratio for the Decay $\tau^- \rightarrow \pi^- \eta \nu_\tau$ ”, Phys. Lett. B **197**, 561 (1987).
6. K. K. Gan and M. L. Perl, “New Leptons: An Experimental Review”, Int. J. Mod. Phys. A **3**, 531 (1988).
7. K. K. Gan, “An Analysis of the ρ Mass Spectrum in τ Decay”, Phys. Rev. D **37**, 3334 (1988).
8. K. K. Gan, “Limits on a Lepton-Number Violating Process from e^+e^- Collisions”, Phys. Lett. B **209**, 95 (1988).
9. K. K. Gan, “Searching for an Exotic Lepton and Gauge Boson at High-Energy e^+e^- Colliders”, Phys. Rev. D **39**, 2510 (1989).
10. M. Procaro *et al.*, “Tau Decays with One Charged Particle Plus Multiple π^0 ’s”, Phys. Rev. Lett. **70**, 1207 (1993).
11. D. Bortoletto *et al.*, “Measurement of the Decay $\tau^- \rightarrow \pi^- \pi^+ \pi^- 2\pi^0 \nu_\tau$ ”, Phys. Rev. Lett. **71**, 1791 (1993).
12. D. Gibaut *et al.*, “Study of the Five-Charged-Pion Decay of the τ Lepton”, Phys. Rev. Lett. **73**, 934 (1994).
13. M. Battle *et al.*, “Measurement of Cabibbo-Suppressed Decays of the τ Lepton”, Phys. Rev. Lett. **73**, 1079 (1994).
14. K.K. Gan, C.M. Daubenmier, H. Kagan, R. Kass, and A.J. Sadoff, “New Results on Helium-based Drift Chamber Gases”, Nucl. Instrum. Methods. A **374**, 27 (1996).
15. J. Bartelt *et al.*, “First Observation of the Decay $\tau^- \rightarrow K^- \eta \nu_\tau$ ”, Phys. Rev. Lett. **76**, 4119 (1996).

16. G. Bonvicini *et al.*, “Search for Neutrinoless τ Decays Involving π^0 or η Mesons”, Phys. Rev. Lett. **79**, 1221 (1997).
17. K. W. Edwards *et al.*, “Search for the Decay $\tau^- \rightarrow 4\pi^- 3\pi^+(\pi^0)\nu_\tau$ ”, Phys. Rev. D. **56**, 5297 (1997).
18. T.E. Browder *et al.*, “New Upper Limit on the Decay $\eta \rightarrow e^+e^-$ ”, Phys. Rev. D **56**, 5359 (1997).
19. S. Anderson *et al.*, “Study of the Decay $\tau^- \rightarrow 2\pi^-\pi^+3\pi^0\nu_\tau$ ”, Phys. Rev. Lett. **79**, 3814 (1997).
20. K.K. Gan, J. Lee, and R. Kass, “Incorporation of the Statistical Uncertainty in the Background Estimate into the Upper Limit on the Signal”, Nucl. Instrum. Methods. A **412**, 475 (1998).
21. M. Bishai *et al.*, “First Observation of the Decay $\tau^- \rightarrow K^{*-}\eta\nu_\tau$ ”, Phys. Rev. Lett. **82**, 281 (1999).
22. R. Godang *et al.*, “Search for Baryon and Lepton Number Violating Decays of the τ Lepton”, Phys. Rev. D **59**, 091303 (1999).
23. A. Anastassov *et al.*, “Study of τ Decays to Six Pions and a Neutrino”, Phys. Rev. Lett. **86**, 4467 (2001).
24. S. Chen *et al.*, “Search for Neutrinoless τ Decays Involving the K_S^0 Meson”, Phys. Rev. D **66**, 071101 (2002).
25. K.K. Gan, “An MT-Style Optical Package for Optical Data Transmission”, Nucl. Instrum. Methods. A **516**, 149 (2004).
26. K. Arms *et al.*, “Study of τ Decays to Four-Hadron Final States with Kaons”, Phys. Rev. Lett. **94**, 241802 (2005).
27. K. Arms *et al.*, “ATLAS Pixel Opto-Electronics”, Nucl. Instrum. Methods. A. **554**, 458 (2005).
28. K.K. Gan, “An MT-Style Optical Package for VCSEL and PIN Arrays”, Nucl. Instrum. Methods. A **607**, 527 (2009).

Principal Publication in Teaching Research:

1. K.K. Gan, H.P. Kagan, and R.D. Kass, “Simple Demonstration of the Central Limit Theorem Using Mass Measurements”, Am. J. Phys. **69**, 1014 (2001).
2. K.K. Gan and A.T. Law, “Measuring Slit Width and Separation in a Diffraction Experiment”, Eur. J. Phys. **30**, 1271 (2009).

Principal Conference Publications:

1. K. K. Gan, “New Results on τ Lepton from PEP”, in Proceedings of the 1985 Annual Meeting of the Division of Particles and Fields of the American Physical Society, Eugene, Oregon, 1985, edited by R.C. Hwa (World Scientific, Singapore, 1986), p. 248.
2. K. K. Gan, “New Results on the τ Lepton”, in Proceedings of the 15th SLAC Summer Institute on Particle Physics, Stanford, California, 1987, edited by E. C. Brennan, p. 573.
3. K. K. Gan, “Review of Recent Results on the τ Lepton”, in Proceedings of the 23rd Rencontre de Moriond: Electroweak Interactions and Unified Theories, Les Arcs, France, 1988, edited by J. Tran Thanh Van (Editions Frontieres, France, 1988), p. 399.
4. K. K. Gan, “Limits on a Lepton Number Violating Process in e^+e^- Collisions”, in Proceedings of the 1988 Annual Meeting of the Division of Particles and Fields of the American Physical Society, Storrs, Connecticut, 1988, edited by K. Haller *et al.* (World Scientific, Singapore, 1989), p. 556.
5. K. K. Gan, “Searching for an Exotic Lepton and Gauge Boson at High Energy e^+e^- Colliders”, in Proceedings of the Summer Study on High Energy Physics in the 1990s, Snowmass, Colorado, 1988, edited by S. Jensen *et al.* (World Scientific, Singapore, 1989), p. 255.
6. K. K. Gan, “Multiple-Neutral-Meson Decays of the τ Lepton and Electromagnetic Calorimeter Requirements at Tau-Charm Factory”, in Proceedings of the Tau-Charm Factory Workshop, SLAC, Stanford, California, 1989, edited by L. Beers, p. 554.
7. K. K. Gan, “Physics with Low-Energy e^+e^- and e^-e^- Collisions at Tau-Charm Factory”, in Proceedings of the Tau-Charm Factory Workshop, SLAC, Stanford, California, 1989, edited by L. Beers, p. 576.
8. K. K. Gan, “Multiple-Neutral-Meson Decays of the τ Lepton”, in Proceedings of Workshop on Tau Lepton Physics, Orsay, France, 1990, edited by M. Davier and H. Jean-Marie (Editions Frontieres, France, 1991), p. 113.
9. K. K. Gan, “Tau Physics at B Factory”, in Proceedings of the Workshop on Physics and Detectors for KEK Asymmetric B Factory, Tsukuba, Japan, 1991, p. 333.
10. K. K. Gan, “New Results on τ Lepton from CLEO”, in Proceedings of the XXVI International Conference on High Energy Physics, Dallas, 1992, edited by J.R. Sanford (AIP, N.Y., 1993), p. 427.
11. K.K. Gan, “Diamond Detectors for the SSC”, in Proceedings of Supercollider 5, San Francisco, 1993, edited by P. Hale (Plenum Press, N.Y., 1994), p. 395.

12. K.K. Gan *et al.*, “Diamond Detectors for Experiments at High Luminosity Colliders”, in Proceedings of the Fourth International Conference on New Diamond Science and Technology, Kobe, Japan, 1994, edited by S. Saito *et al.* (MYU, Tokyo, 1994), p. 687.
13. K.K. Gan, “New Results on Non-strange Decays of the τ Lepton”, in Proceedings of the International Europhysics Conference on High Energy Physics, Brussels, 1995, edited by J. Lemonne *et al.* (World Scientific, Singapore, 1996), p. 618.
14. K.K. Gan, “New Results on Helium-based Drift Chamber Gases”, in Proceedings of the International Europhysics Conference on High Energy Physics, Brussels, 1995, edited by J. Lemonne *et al.* (World Scientific, Singapore, 1996), p. 607.
15. K.K. Gan, “New Results on Charm Hadron Decays”, in Proceedings of the XXVIII International Conference on High Energy Physics, Warsaw, Poland, 1996, edited by A.K. Wroblewski (World Scientific, Singapore, 1997).
16. K.K. Gan, “Review of Rare and Forbidden τ Decays”, Nucl. Phys. B (Proc. Suppl.) **55C**, 213 (1997).
17. K.K. Gan, “Rare Decays of the τ Lepton”, Nucl. Phys. B (Proc. Suppl.) **76**, 383 (1999).
18. W. Adam *et al.*, “Recent Results with CVD Diamond Trackers”, Nucl. Phys. B (Proc. Suppl.) **78**, 329 (1999).
19. K.K. Gan, “Tau2000 Conference Summary”, Nucl. Phys. B (Proc. Suppl.) **98**, 397 (2001).
20. K.K. Gan, “A Novel Optical Package for ATLAS Pixel Detector”, Int. J. Mod. Phys. A **16**, 1103 (2001).
21. K.K. Gan, “New CLEO II Results on Charm Hadron Decays”, in Proceedings of the International Europhysics Conference on High Energy Physics, Budapest, 2001, JHEP Proceedings section PRHEP-hep2001/106.
22. K.K. Gan, “New Results on ATLAS Pixel Opto-Link”, in Proceedings of the International Europhysics Conference on High Energy Physics, Budapest, 2001, JHEP Proceedings section PRHEP-hep2001/266.
23. K.K. Gan, “Search for Neutrinoless τ Decays Involving the K_S^0 Meson”, Nucl. Phys. B (Proc. Suppl.) **123**, 121 (2003).
24. K.K. Gan *et al.*, “Radiation-Hard ASICs for Optical Data Transmission in the ATLAS Pixel Detector”, Nucl. Phys. B (Proc. Suppl.) **125**, 282 (2003).
25. K.K. Gan, “Radiation-Hard Optical Link in the ATLAS Pixel Detector”, Nucl. Phys. B (Proc. Suppl.) **150**, 82 (2005).

26. K.K. Gan *et al.*, “Radiation-Hard Optical Link in the ATLAS Pixel Detector”, in Proceedings of the International Conference on High Energy Physics, Beijing, China, 2004, edited by H. Chen *et al.* (World Scientific, Singapore, 2005), p. 960.
27. K.K. Gan, “Study of τ Decays to Four-Hadron Final States with Kaons”, in Proceedings of the International Europhysics Conference on High Energy Physics, Lisboa, Portugal, 2005, PoS(HEP2005), 219, 2005.
28. K.K. Gan *et al.*, “Bandwidths of Micro Twisted-Pair Cables and Fusion Spliced SIMM-GRIN Fiber and Radiation Hardness of PIN/VCSEL Arrays”, Nucl. Phys. B (Proc. Suppl.) **172**, 190 (2007).
29. K.K. Gan *et al.*, “Bandwidths of Micro Twisted-Pair Cables and Fusion Spliced SIMM-GRIN Fiber and Radiation Hardness of PIN/VCSEL Arrays”, in Proceedings of the 12th Workshop on Electronics for LHC and Future Experiments Valencia, Spain, 2006, edited by M. Letheren and S. Claude (CERN-2007-1), p. 223.
30. K.K. Gan *et al.*, “Optical Link of the ATLAS Pixel Detector”, Nucl. Instrum. Methods. A **570**, 292 (2007).
31. K.K. Gan *et al.*, “Bandwidths of Micro-Twisted-Pair Cables and Fusion-Spliced SIMM-GRIN Fiber”, Nucl. Instrum. Methods. A **576**, 128 (2007).
32. K.K. Gan *et al.*, “Study of τ Decays to Four-Hadron Final States with Kaons”, Nucl. Phys. B (Proc. Suppl.) **169**, 117 (2007).
33. K.K. Gan *et al.*, “Radiation-hard Optical Link for SLHC”, in Proceedings of the Topical Workshop on Electronics for Particle Physics, Prague, Czech, 2007, edited by S. Claude (CERN-2007-7), p. 117.
34. K.K. Gan *et al.*, “Radiation-Hard Optical Link for SLHC”, J. Phys. Conf. Ser. **110**, 092011 (2008).
35. K.K. Gan *et al.*, “Radiation-Hard Optical Link for SLHC”, Nucl. Instrum. Methods. A **596**, 88 (2008).
36. K.K. Gan *et al.*, “Radiation-Hard/High-Speed Data Transmission Using Optical Links”, Nucl. Instrum. Methods. A **607**, 240 (2009).

Co-author Publications:

1. S. Ahlen *et al.*, “Inclusive D and D^* Production in e^+e^- Annihilation at 29 GeV”, Phys. Rev. Lett. **51**, 1147 (1983).
2. D. Bender *et al.*, “Tests of QED at 29 GeV Center-of-Mass Energy”, Phys. Rev. D **30**, 515 (1984).

3. M. Derrick *et al.*, “Charm Quark Production and Fragmentation in e^+e^- Annihilation at 29 GeV”, Phys. Lett. B **146**, 261 (1984).
4. M. Derrick *et al.*, “Inclusive D^0 and D^+ Production in e^+e^- Annihilation at 29 GeV”, Phys. Rev. Lett. **53**, 1971 (1984).
5. D. Errede *et al.*, “Search for Heavy Neutral Leptons in e^+e^- Annihilations at 29 GeV”, Phys. Lett. B **149**, 519 (1984).
6. D. Bender *et al.*, “Study of Quark Fragmentation in e^+e^- Annihilation at 29 GeV: Global Jet Parameters and Single-Particle Distributions”, Phys. Rev. D **31**, 1 (1985).
7. M. Derrick *et al.*, “New Results on the Reaction $e^+e^- \rightarrow \mu^+\mu^-$ at $\sqrt{s} = 29$ GeV”, Phys. Rev. D **31**, 2352 (1985).
8. M. Derrick *et al.*, “Production of ϕ and $F(170) \rightarrow \phi\pi$ in e^+e^- Annihilation at 29 GeV”, Phys. Rev. Lett. **54**, 2568 (1985).
9. C. Akerlof *et al.*, “Experimental Limits on Monojet Production in e^+e^- Annihilation at 29 GeV”, Phys. Lett. B **156**, 271 (1985).
10. M. Derrick *et al.*, “Neutral $K^*(890)$ and ρ^0 Meson Production in e^+e^- Annihilation at $\sqrt{s} = 29$ GeV”, Phys. Lett. B **158**, 519 (1985).
11. P. Kesten *et al.*, “Comparison of Light Quark and Charm Quark Fragmentation”, Phys. Lett. B **161**, 412 (1985).
12. M. Derrick *et al.*, “Inclusive Charged Particle Production Near the Kinematic Limit in e^+e^- Annihilation at 29 GeV”, Phys. Lett. B **164**, 199 (1985).
13. M. Derrick *et al.*, “Comparison of Charged Particle Multiplicities in Quark and Gluon Jets Produced in e^+e^- Annihilation at 29 GeV”, Phys. Lett. B **165**, 449 (1985).
14. M. Derrick *et al.*, “New Results from Bhabha Scattering at 29 GeV”, Phys. Lett. B **166**, 463 (1986).
15. M. Derrick *et al.*, “Precision Test of QED by Direct Comparison of $e^+e^- \rightarrow \gamma\gamma$ and $e^+e^- \rightarrow e^+e^-$ at 29 GeV”, Phys. Lett. B **166**, 468 (1986).
16. M. Derrick *et al.*, “Rapidity Dependence of the Charged Particle Multiplicity in e^+e^- Annihilation at 29 GeV”, Phys. Lett. B **168**, 299 (1986).
17. S. Abachi *et al.*, “Upper Limit on the Tau-Neutrino Mass”, Phys. Rev. Lett. **56**, 1039 (1986).
18. P. Baringer *et al.*, “ Λ Production in e^+e^- Annihilations at 29 GeV: A Comparison with Lund-Model Predictions”, Phys. Rev. Lett. **56**, 1346 (1986).

19. C. Jung *et al.*, “Measurement of the F -Meson Lifetime”, Phys. Rev. Lett. **56**, 1775 (1986).
20. S. Abachi *et al.*, “Observation of Tensor and Scalar Mesons Produced in e^+e^- Annihilation at 29 GeV”, Phys. Rev. Lett. **57**, 1990 (1986).
21. M. Derrick *et al.*, “Experimental Study of the Reactions $e^+e^- \rightarrow e^+e^-$ and $e^+e^- \rightarrow \gamma\gamma$ at 29 GeV”, Phys. Rev. D **34**, 3286 (1986).
22. M. Derrick *et al.*, “Study of Quark Fragmentation in e^+e^- Annihilation at 29 GeV: Charged-Particle Multiplicity and Single-Particle Rapidity Distributions”, Phys. Rev. D **34**, 3304 (1986).
23. S. Abachi *et al.*, “Asymmetry in the Angular Distribution of Inclusive Λ Baryons from e^+e^- Annihilations at $\sqrt{s} = 29$ GeV”, Phys. Lett. B **181**, 403 (1986).
24. S. Abachi *et al.*, “Search for Wrong-Sign D^0 Decays”, Phys. Lett. B **182**, 101 (1986).
25. E. L. Low *et al.*, “Production and Fragmentation of the D^{*0} Meson in e^+e^- Annihilations at $\sqrt{s} = 29$ GeV”, Phys. Lett. B **183**, 232 (1987).
26. B. G. Bylsma *et al.*, “Limit on τ Decay to Seven Charged Particles”, Phys. Rev. D **35**, 2269 (1987).
27. M. Derrick *et al.*, “Hadron Production in e^+e^- Annihilation at $\sqrt{s} = 29$ GeV”, Phys. Rev. D **35**, 2639 (1987).
28. S. Abachi *et al.*, “Tau-Neutrino Mass Limit”, Phys. Rev. D **35**, 2880 (1987).
29. M. Derrick *et al.*, “Charged Particle Multiplicity Distributions in e^+e^- Annihilation at 29 GeV: A Comparison with Hadronic Data”, Z. Phys. C **35**, 323 (1987).
30. J.-M. Brom *et al.*, “Measurement of the Lifetime of Hadrons Containing the b-Quark”, Phys. Lett. B **195**, 301 (1987).
31. S. R. Wagner *et al.*, “Measurement of the D^0 Lifetime from the Upgraded Mark II Detector at the SLAC e^+e^- Storage Ring PEP”, Phys. Rev. D **36**, 2850 (1987).
32. S. Abachi *et al.*, “Measurement of the τ -Lepton Lifetime”, Phys. Rev. Lett. **59**, 2519 (1987).
33. A. Petersen *et al.*, “Multihadronic Events at $E_{c.m.} = 29$ GeV and Predictions of QCD Models from $E_{c.m.} = 29$ GeV to $E_{c.m.} = 93$ GeV”, Phys. Rev. D **37**, 1 (1988).
34. R. Tschirhart *et al.*, “Measurement of the Inclusive K_S^0 Branching Fraction in τ Decay”, Phys. Lett. B **205**, 407 (1988).

35. D. R. Wood *et al.*, “Determination of α_s from Energy-Energy Correlations in e^+e^- Annihilation at 29 GeV”, Phys. Rev. D **37**, 3091 (1988).
36. S. Komamiya *et al.*, “Searches for Nonminimal Higgs Bosons from a Virtual Z Decaying into a Muon Pair at the SLAC e^+e^- Storage Ring PEP”, Phys. Rev. D **40**, 721 (1989).
37. S. Bethke *et al.*, “Studies of the Jet Production Rates in e^+e^- Annihilation at $E_{cm} = 29$ GeV”, Z. Phys. C **43**, 325 (1989).
38. G. Abrams *et al.*, “The Mark II Detector for the SLC”, Nucl. Instrum. Methods A **281**, 55 (1989).
39. G. S. Abrams *et al.*, “Initial Measurements of Z -Boson Resonance Parameters in e^+e^- Annihilation”, Phys. Rev. Lett. **63**, 724 (1989).
40. A. Synder *et al.*, “Search for B-decay to Higgs Bosons for Higgs Boson Masses between 50 and 210 MeV/ c^2 ”, Phys. Lett. B **229**, 169 (1989).
41. G. S. Abrams *et al.*, “First Measurements of Hadronic Decays of the Z Boson”, Phys. Rev. Lett. **63**, 1558 (1989).
42. G. S. Abrams *et al.*, “Measurements of Z -Boson Resonance Parameters in e^+e^- Annihilation”, Phys. Rev. Lett. **63**, 2173 (1989).
43. G. S. Abrams *et al.*, “Searches for New Quarks and Leptons Produced in Z -Boson Decay”, Phys. Rev. Lett. **63**, 2447 (1989).
44. G. S. Abrams *et al.*, “Measurement of Z Decays into Lepton Pairs”, Phys. Rev. Lett. **63**, 2780 (1989).
45. S. Komamiya *et al.*, “Determination of α_s from a Differential-Jet-Multiplicity Distribution in e^+e^- Collisions at $\sqrt{s} = 29$ and 91 GeV”, Phys. Rev. Lett. **64**, 987 (1990).
46. A. J. Weir *et al.*, “Upper Limits on $D^\pm$ and $B^\pm$ Decays to Two Leptons plus $\pi^\pm$ or $K^\pm$ ”, Phys. Rev. D **41**, 1384 (1990).
47. C. K. Jung *et al.*, “Search for Long-Lived Massive Neutrinos in Z Decays”, Phys. Rev. Lett. **64**, 1091 (1990).
48. S. Wagner *et al.*, “Measurement of the B^0 -Meson Lifetime”, Phys. Rev. Lett. **64**, 1095 (1990).
49. J. F. Kral *et al.*, “Measurement of the $b\bar{b}$ Fraction in Hadronic Z Decays”, Phys. Rev. Lett. **64**, 1211 (1990).
50. G. S. Abrams *et al.*, “Measurements of Charged-Particle Inclusive Distributions in Hadronic Decays of the Z Boson”, Phys. Rev. Lett. **64**, 1334 (1990).

51. A. Weir *et al.*, “A Reanalysis of $B^0\bar{B}^0$ Mixing in e^+e^- Annihilation at 29 GeV”, Phys. Lett. B **240**, 1289 (1990).
52. P. R. Burchat *et al.*, “A Search for Decays of the Z to Unstable Neutral Leptons with Mass between 2.5 and 22 GeV/ c^2 ”, Phys. Rev. D **41**, 3542 (1990).
53. M. Swartz *et al.*, “Search for Doubly Charged Higgs Scalars in Z Decay”, Phys. Rev. Lett. **64**, 2877 (1990).
54. S. Komamiya *et al.*, “Search for Nonminimal Neutral Higgs Bosons from Z -Boson Decays”, Phys. Rev. Lett. **64**, 2881 (1990).
55. E. Soderstrom *et al.*, “A Search for Pair Production of Heavy Stable Charged Particles in Z Decays”, Phys. Rev. Lett. **64**, 2980 (1990).
56. T. Barklow *et al.*, “Search for Supersymmetric Particles Produced in Z Boson Decay”, Phys. Rev. Lett. **64**, 2984 (1990).
57. C. Von Zanthier *et al.*, “Measurement of the Total Hadronic Cross-section in e^+e^- Annihilation at $\sqrt{s} = 29$ GeV”, Phys. Rev. D **43**, 34 (1990).
58. J. J. Gomez-Cadenas *et al.*, “A Search for Elastic Non-diagonal Lepton Pair Production in e^+e^- Annihilation at $\sqrt{s} = 29$ GeV”, Phys. Rev. Lett. **66**, 1007, (1991).
59. D. S. Akerib *et al.*, “Measurement of the Inclusive B^* Cross Section above the $\Upsilon(4S)$ ”, Phys. Rev. Lett. **67**, 1692 (1991).
60. R. Morrison *et al.*, “Inclusive $\chi(2P)$ Production in $\Upsilon(3S)$ Decay”, Phys. Rev. Lett. **67**, 1696 (1991).
61. R. G. Jacobsen *et al.*, “Measurement of the $b\bar{b}$ Fraction in Hadronic Z^0 Decays with Precision Vertex Detectors”, Phys. Rev. Lett. **67**, 3347 (1991).
62. G. Crawford *et al.*, “Measurement of the Ratio $B(D^0 \rightarrow K^{*-}e^+\nu_e)/B(D^0 \rightarrow K^-e^+\nu_e)$ ”, Phys. Rev. D **44**, 3394 (1991).
63. D. Bortoletto *et al.*, “Inclusive and Exclusive Decays of B Mesons to Final States Including Charm and Charmonium Mesons”, Phys. Rev. D **45**, 21 (1992).
64. J. Alexander *et al.*, “ D_s^+ Decays to $\eta\pi^+$ and $\eta'\pi^+$ ”, Phys. Rev. Lett. **68**, 1275 (1992).
65. P. Avery *et al.*, “ D_s^+ Decays to $\eta\rho^+$, $\eta'\rho^+$, and $\phi\rho^+$ ”, Phys. Rev. Lett. **68**, 1279 (1992).
66. M. Franklin *et al.*, “Development of Diamond Radiation Detectors for SSC and LHC”, Nucl. Instrum. Methods A **315**, 39 (1992).
67. Y. Kubota *et al.*, “The CLEO II Detector”, Nucl. Instrum. Methods A **320**, 66 (1992).

68. M. Daoudi *et al.*, “Two-Body D_s^+ Decays to $\eta\pi^+$, $\eta'\pi^+$, $\eta\rho^+$, $\eta'\rho^+$, and $\phi\rho^+$ ”, Phys. Rev. D **45**, 3965 (1992).
69. R. Ammar *et al.*, “Electronic Branching Ratio of the τ Lepton”, Phys. Rev. D **45**, 3976 (1992).
70. S. Henderson *et al.*, “Observation of the Decay $\Xi_c^0 \rightarrow \Omega^- K^+$ ”, Phys. Lett. B **283**, 161 (1992).
71. B. A. Schumm *et al.*, “Measurement of the Charged Multiplicity of Events Containing Bottom Hadrons at $E_{c.m.} = 91$ GeV”, Phys. Rev. D **46**, 453 (1992).
72. M. Battle *et al.*, “A Measurement of the Tau Lepton Lifetime”, Phys. Lett. B **291**, 488 (1992).
73. F. Butler *et al.*, “Measurement of the $D^*(2010)$ Branching Fractions”, Phys. Rev. Lett. **69**, 2041 (1992).
74. D. Bortoletto *et al.*, “Isospin Mass Splittings from Precision Measurements of D^*-D Mass Differences”, Phys. Rev. Lett. **69**, 2046 (1992).
75. G. Crawford *et al.*, “Exclusive $\chi(2P)$ Production in $\Upsilon(3S)$ Decay”, Phys. Lett. B **294**, 139 (1992).
76. M. S. Alam *et al.*, “Shape Studies of Quark Jets versus Gluon Jets at $\sqrt{s} = 10$ GeV”, Phys. Rev. D **46**, 4822 (1992).
77. M. Artuso *et al.*, “Measurement of τ Decays Involving η Mesons”, Phys. Rev. Lett. **69**, 3278 (1992).
78. D. S. Akerib *et al.*, “Measurement of Tau Lepton Electronic Branching Fraction”, Phys. Rev. Lett. **69**, 3610 (1992).
79. A. Bean *et al.*, “A Search for $\tau^- \rightarrow \gamma\mu^-$: A Test of Lepton Number Conservation”, Phys. Rev. Lett. **70**, 138 (1993).
80. S. Sanghera *et al.*, “Lepton Asymmetry Measurements in $\bar{B} \rightarrow D^* l^- \bar{\nu}_l$ and Implications for V–A and the Form-Factors”, Phys. Rev. D **47**, 791 (1993).
81. J.P. Alexander *et al.*, “Production and Decay of the $D_{s1}(2536)^+$ ”, Phys. Lett. B **303**, 377 (1993).
82. R. Balest *et al.*, “Measurement of the τ -Lepton Mass”, Phys. Rev. D **47**, 3671 (1993).
83. A. Bean *et al.*, “Search for Exclusive $b \rightarrow u$ Semileptonic Decays of B Mesons” Phys. Rev. Lett. **70**, 2681 (1993).
84. D. Cinabro *et al.*, “Limit on the Tau Neutrino Mass”, Phys. Rev. Lett. **70**, 3700 (1993).

85. L. S. Pan *et al.*, “Particle- and Photoinduced Conductivity in Type-IIa Diamonds”, Jour. Appl. Phys. **74**, 1086 (1993).
86. R. Ammar *et al.*, “Evidence for Penguin-Diagram Decays: First Observation of $B \rightarrow K^*(890)\gamma$ ”, Phys. Rev. Lett. **71**, 674 (1993).
87. M.S. Alam *et al.*, “Measurement of the Ratio $B(D^+ \rightarrow \pi^0 l^+ \nu)/B(D^+ \rightarrow \bar{K}^0 l^+ \nu)$ ”, Phys. Rev. Lett. **71**, 1311 (1993).
88. J. Bartelt *et al.*, “Two Measurements of $B^0 \bar{B}^0$ Mixing”, Phys. Rev. Lett. **71**, 1680 (1993).
89. M. Selen *et al.*, “Measurement of the $D \rightarrow \pi\pi$ Branching Fractions”, Phys. Rev. Lett. **71**, 1973 (1993).
90. P. Avery *et al.*, “Study of the Decays $\Lambda_c^+ \rightarrow \Xi^0 K^+$, $\Lambda_c^+ \rightarrow \Sigma^+ K^+ K^-$, and $\Lambda_c^+ \rightarrow \Xi^- K^+ \pi^+$ ”, Phys. Rev. Lett. **71**, 2391 (1993).
91. M. Procaro *et al.*, “Study of D^0 Decays into $\bar{K}^0$ and $\bar{K}^{*0}$ ”, Phys. Rev. D **48**, 4007 (1993).
92. D.S. Akerib *et al.*, “Measurement of the Absolute Branching Fraction for $D^0 \rightarrow K^- \pi^+$ ”, Phys. Rev. Lett. **71**, 3070 (1993).
93. Y. Kubota *et al.*, “Measurement of Exclusive Λ_c Decays with a Σ^+ in the Final State”, Phys. Rev. Lett. **71**, 3255 (1993).
94. G. Crawford *et al.*, “Observation of the Charmed Baryon Σ_c^+ and Measurement of the Isospin Mass Splittings of the Σ_c ”, Phys. Rev. Lett. **71**, 3259 (1993).
95. A. Bean *et al.*, “Measurement of Exclusive Semileptonic Decays of D Mesons”, Phys. Lett. B **317**, 647 (1993).
96. M. Battle *et al.*, “Observation of B^0 Decay to Two Charmless Mesons”, Phys. Rev. Lett. **71**, 3922 (1993).
97. J. Bartelt *et al.*, “Measurement of Charmless Semileptonic Decays of B Mesons”, Phys. Rev. Lett. **71**, 4111 (1993).
98. J.P. Alexander *et al.*, “Search for Exclusive $b \rightarrow u$ Transitions in Hadronic Decays of B Mesons Involving D_s^+ and D_s^{*+} Mesons”, Phys. Lett. B **319**, 365 (1993).
99. F. Bulter *et al.*, “Analysis of Hadronic Transitions in $\Upsilon(3S)$ Decays”, Phys. Rev. D **49**, 40 (1994).
100. M. A. Plano *et al.*, “Thickness Dependence of the Electrical Characteristics of Chemical Vapor Deposited Diamond Films”, Appl. Phys. Lett. **64**, 193 (1994).

101. D. Cinabro *et al.*, “Observation of $D^0 \rightarrow K^+\pi^-$ ”, Phys. Rev. Lett. **72**, 1406 (1994).
102. T. Bergfeld *et al.*, “Study of the Decay $\Lambda_c^+ \rightarrow \Lambda l^+\nu_l$ ”, Phys. Lett. B **323**, 219 (1994).
103. Y. Kubota *et al.*, “Observation of New Charmed Strange Meson”, Phys. Rev. Lett. **72**, 1972 (1994).
104. G. Crawford *et al.*, “Luminosity Measurement with the CLEO II Detector”, Nucl. Instrum. Methods A **345**, 429 (1994).
105. F. Bultner *et al.*, “A Measurement of $B(D_s^+ \rightarrow \phi l^+\nu)/B(D_s^+ \rightarrow \phi\pi^+)$ ”, Phys. Lett. B **324**, 255 (1994).
106. R. Balest *et al.*, “Measurement of the Branching Fraction for $D^+ \rightarrow K^-\pi^+\pi^+$ ”, Phys. Rev. Lett. **72**, 2328 (1994).
107. P. Avery *et al.*, “Observation of Λ_c^+ Decays to $\Lambda\pi^+\pi^0$, $\Sigma^0\pi^+$, $\Sigma^0\pi^+\pi^0$, and $\Sigma^0\pi^-\pi^+\pi^+$ ”, Phys. Lett. B **325**, 257 (1994).
108. D. Acosta *et al.*, “First Measurement of $\Gamma(D_s^+ \rightarrow \mu^+\nu)/\Gamma(D_s^+ \rightarrow \phi\pi^+)$ ”, Phys. Rev. D **49**, 5690 (1994).
109. R. Ammar *et al.*, “Search for B^0 Decays to Two Charged Leptons”, Phys. Rev. D **49**, 5701 (1994).
110. P. Avery *et al.*, “Production and Decay of $D_1(2420)^0$ and $D_2^*(2460)^0$ ”, Phys. Lett. B **331**, 236 (1994).
111. M. Artuso *et al.*, “Measurement of the Branching Fraction $B(\tau^- \rightarrow h^-\pi^0\nu_\tau)$ ”, Phys. Rev. Lett. **72**, 3762 (1994).
112. M.S. Alam *et al.*, “Exclusive Hadronic B Decays to Charm and Charmonium Final States”, Phys. Rev. D **50**, 43 (1994).
113. D.N. Brown *et al.*, “Precision Measurement of the $D_s^{*+}-D_s^+$ Mass difference”, Phys. Rev. D **50**, 1884 (1994).
114. J. Dominick *et al.*, “Two-photon Production of Charged Pion and Kaon Pairs”, Phys. Rev. D **50**, 3027 (1994).
115. M. Procaro *et al.*, “Observation of Inclusive B Decays to the Charmed Baryons Σ_c^{++} and Σ_c^0 ”, Phys. Rev. Lett. **73**, 1472 (1994).
116. J. Dominick *et al.*, “Measurement of Two-photon Production of the χ_{c2} ”, Phys. Rev. D **50**, 4265 (1994).
117. R.J. Tesarek *et al.*, “Performance of a Diamond-Tungsten Sampling Calorimeter”, Nucl. Instrum. Methods A **349**, 96 (1994).

118. J. Bartelt *et al.*, “Search for Neutrinoless Decays of the Tau Lepton”, Phys. Rev. Lett. **73**, 1890 (1994).
119. P. Avery *et al.*, “Measurement of the Ratios of Form Factors in the Decay $D_s^+ \rightarrow \phi e^+ \nu_e$ ”, Phys. Lett. B **337**, 405 (1994).
120. M. Artuso *et al.*, “Measurement of the Cross Section for $\gamma\gamma \rightarrow p\bar{p}$ ”, Phys. Rev. D **50**, 5484 (1994).
121. D. Cinabro *et al.*, “Measurement of the Branching Fraction for $\Upsilon(1S) \rightarrow \tau^+ \tau^-$ ”, Phys. Lett. B **340**, 129 (1994).
122. T. Bergfeld *et al.*, “Observation of $D_1(2420)^+$ and $D_2^*(2460)^+$ ”, Phys. Lett. B **340**, 194 (1994).
123. M. Athanas *et al.*, “Semileptonic Branching Fractions of Charged and Neutral B Mesons”, Phys. Rev. Lett. **73**, 3503 (1994).
124. C. White *et al.*, “Diamond Detectors for High Energy Physics”, Nucl. Instrum. Methods A **351**, 318 (1995).
125. F. Borchelt *et al.*, “First Measurements with a Diamond Microstrip Detector”, Nucl. Instrum. Methods A **354**, 318 (1995).
126. J.P. Alexander *et al.*, “Observation of $B \rightarrow \psi\pi$ Decays”, Phys. Lett. B **341**, 435 (1995).
127. B. Barish *et al.*, “Measurement of the $\bar{B} \rightarrow D^* l \bar{\nu}$ Branching Fractions and $|V_{cb}|$ ”, Phys. Rev. D **51**, 1014 (1995).
128. R. Balest *et al.*, “ $\Upsilon(1S) \rightarrow \gamma +$ Noninteracting Particles”, Phys. Rev. D **51**, 2053 (1995).
129. M.S. Alam *et al.*, “First Measurement of the Rate for the Inclusive Radiative Penguin Decay $b \rightarrow s\gamma$ ”, Phys. Rev. Lett. **74**, 2885 (1995).
130. J.P. Alexander *et al.*, “First Observation of the Decay $\Xi_c^+ \rightarrow \Xi^0 e^+ \nu_e$ and an Estimate of the Ξ_c^+/Ξ_c^0 Lifetime Ratio”, Phys. Rev. Lett. **74**, 3113 (1995).
131. K.W. Edwards *et al.*, “Observation of Excited Charmed Baryon States Decaying to $\Lambda_c^+ \pi^+ \pi^-$ ”, Phys. Rev. Lett. **74**, 3331 (1995).
132. R. Ammar *et al.*, “New Decay Modes of the Λ_c^+ Charmed Baryon”, Phys. Rev. Lett. **74**, 3534 (1995).
133. M. Bishai *et al.*, “Measurement of the Decay Asymmetry Parameters in $\Lambda_c^+ \rightarrow \Lambda \pi^+$ and $\Lambda_c^+ \rightarrow \Sigma^+ \pi^0$ ”, Phys. Lett. B **350**, 256 (1995).

134. G. Crawford *et al.*, “Form Factor Ratio Measurement in $\Lambda_c^+ \rightarrow \Lambda e^+ \nu_e$ ”, Phys. Rev. Lett. **75**, 624 (1995).
135. M. Artuso *et al.*, “Search for $B \rightarrow l \bar{\nu}_l$ ”, Phys. Rev. Lett. **75**, 785 (1995).
136. T. Coan *et al.*, “Measurement of α_s from τ Decays”, Phys. Lett. B **356**, 580 (1995).
137. F. Butler *et al.*, “Measurement of the Ratio of Branching Fractions $B(D^0 \rightarrow \pi^- e^+ \nu_e) / B(D^0 \rightarrow K^- e^+ \nu_e)$ ”, Phys. Rev. D **52**, 2656 (1995).
138. R. Balest *et al.*, “Inclusive Decays of B Mesons to Charmonium”, Phys. Rev. D **52**, 2661 (1995).
139. J. Gronberg *et al.*, “Observation of the Isospin-Violating Decay $D_s^{*+} \rightarrow D_s^+ \pi^0$ ”, Phys. Rev. Lett. **75**, 3232 (1995).
140. J. Bartelt *et al.*, “Search for CP Violation in D^0 Decay”, Phys. Rev. D **52**, 4860 (1995).
141. G. Brandenburg *et al.*, “Measurement of the $D_s^+ \rightarrow \eta l^+ \nu$ and $D_s^+ \rightarrow \eta' l^+ \nu$ Branching Ratios”, Phys. Rev. Lett. **75**, 3804 (1995).
142. R. Balest *et al.*, “Measurement of the Decays $\tau^- \rightarrow h^- h^+ h^- \nu_\tau$ and $\tau^- \rightarrow h^- h^+ h^- \pi^0 \nu_\tau$ ”, Phys. Rev. Lett. **75**, 3809 (1995).
143. P. Avery *et al.*, “Observation of a Narrow State Decaying into $\Xi_c^+ \pi^-$ ”, Phys. Rev. Lett. **75**, 4364 (1995).
144. T. Bergfeld *et al.*, “Observation of the Ξ_c^+ Charmed Baryon Decays to $\Sigma^+ K^- \pi^+$, $\Sigma^+ \bar{K}^{*0}$, and $\Lambda K^- \pi^+ \pi^+$ ”, Phys. Lett. B **365**, 431 (1996).
145. J.P. Alexander *et al.*, “Observation of the Cabibbo-suppressed Charmed Baryon Decay $\Lambda_c^+ \rightarrow p \phi$ ”, Phys. Rev. D **53**, 1013 (1996).
146. D.M. Asner *et al.*, “Search for Exclusive Charmless Hadronic B Decays”, Phys. Rev. D **53**, 1039 (1996).
147. M. Bishai *et al.*, “Study of the $B \rightarrow \psi \rho$ ”, Phys. Lett. B **369**, 186 (1996).
148. B. Barish *et al.*, “Measurement of the B Semileptonic Branching Fraction with Lepton Tags”, Phys. Rev. Lett. **76**, 1570 (1996).
149. M.S. Alam *et al.*, “Tau Decays into Three Charged Leptons and Two Neutrinos”, Phys. Rev. Lett. **76**, 2637 (1996).
150. L. Gibbons *et al.*, “Observation of an Excited Charmed Baryon Decaying into $\Xi_c^0 \pi^+$ ”, Phys. Rev. Lett. **77**, 810 (1996).

151. K.E. Edwards *et al.*, “Observation of New Decay Modes of the Charmed-strange Baryon Ξ_c^+ ”, Phys. Lett. B **373**, 261 (1996).
152. A. Freyberger *et al.*, “Limits on Flavor Changing Neutral Currents in D^0 Meson Decays”, Phys. Rev. Lett. **76**, 3065 (1996).
153. B. Barish *et al.*, “A Measurement of $B(D^0 \rightarrow K^- \pi^+ \pi^0)/B(D^0 \rightarrow K^- \pi^+)$ ”, Phys. Lett. B **373**, 334 (1996).
154. D. Gibaut *et al.*, “Measurements of $B \rightarrow D_s^+ X$ Decays”, Phys. Rev. D **53**, 4734 (1996).
155. J.E. Duboscq *et al.*, “Measurement of the Form Factors for $\bar{B}^0 \rightarrow D^{*+} l^- \bar{\nu}$ ”, Phys. Rev. Lett. **76**, 3898 (1996).
156. Y. Kubota *et al.*, “Inclusive Decay $B \rightarrow \eta X$ ”, Phys. Rev. D **53**, 6033 (1996).
157. T.E. Coan *et al.*, “Decays of τ Leptons to Final States Containing K_S^0 Mesons”, Phys. Rev. D **53**, 6037 (1996).
158. M. Artuso *et al.*, “Measurement of the Branching Fraction for $D_s^- \rightarrow \phi \pi^-$ ”, Phys. Lett. B **378**, 364 (1996).
159. Y. Kubota *et al.*, “Measurement of the Inclusive Semielectronic D^0 Branching Fraction”, Phys. Rev. D **54**, 2994 (1996).
160. D.M. Asner *et al.*, “Analysis of $D^0 \rightarrow K \bar{K} X$ Decays”, Phys. Rev. D **54**, 4211 (1996).
161. R. Balest *et al.*, “Measurement of the Tau Lepton Lifetime”, Phys. Lett. **B388**, 402 (1996).
162. T. Bergfeld *et al.*, “A Search for Nonresonant $B^+ \rightarrow h^+ h^- h^+$ Decays”, Phys. Rev. Lett. **77**, 4503 (1996).
163. J.P. Alexander *et al.*, “First Measurement of the $B \rightarrow \pi l \nu$ and $B \rightarrow \rho(\omega) l \nu$ Branching Fractions”, Phys. Rev. Lett. **77**, 5000 (1996).
164. R. Ammar *et al.*, “Study of Flavor-tagged Baryon Production in B Decay”, Phys. Rev. D **55**, 13 (1997).
165. P. Avery *et al.*, “Search for ϕ Mesons in τ Lepton Decay”, Phys. Rev. D **55**, 1119 (1997).
166. A. Anastassov *et al.*, “Experimental Tests of Lepton Universality in τ Decay”, Phys. Rev. D **55**, 2559 (1997).
167. G. Brandenburg *et al.*, “Observation of Two Excited Charmed Baryons Decaying into $\Lambda_c^+ \pi^\pm$ ”, Phys. Rev. Lett. **78**, 2304 (1997).

168. K.W. Edwards *et al.*, “Search for Neutrinoless τ Decays: $\tau \rightarrow e\gamma$ and $\tau \rightarrow \mu\gamma$ ”, Phys. Rev. D **55**, 3919 (1997).
169. M. Bishai *et al.*, “Analyses of $D^+ \rightarrow K_S^0 K^+$ and $D^+ \rightarrow K_S^0 \pi^+$ ”, Phys. Rev. Lett. **78**, 3261 (1997).
170. B. Nemati *et al.*, “Measurement of the Direct Photon Spectrum in $\Upsilon(1S)$ Decays”, Phys. Rev. D **55**, 5273 (1997).
171. M. Artuso *et al.*, “Study of the B^0 Semileptonic Decay Spectrum at the $\Upsilon(4S)$ Resonance”, Phys. Lett. B **399**, 321 (1997).
172. T.E. Coan *et al.*, “ ν_τ Helicity from $h^\pm$ Energy Correlations”, Phys. Rev. D **55**, 7291 (1997).
173. R. Ammar *et al.*, “A Measurement of the Michel Parameters in Leptonic Decays of the Tau”, Phys. Rev. Lett. **78**, 4686 (1997).
174. T.E. Browder *et al.*, “Search for $B \rightarrow \mu\bar{\nu}_\mu\gamma$ and $B \rightarrow e\bar{\nu}_e\gamma$ ”, Phys. Rev. D **56**, 11 (1997).
175. M.S. Alam *et al.*, “Study of Gluon Versus Quark Fragmentation in $\Upsilon \rightarrow gg\gamma$ and $e^+e^- \rightarrow q\bar{q}\gamma$ Events at $\sqrt{s} = 10$ GeV”, Phys. Rev. D **56**, 17 (1997).
176. J. Bartelt *et al.*, “Studies of the Cabibbo-suppressed Decays $D^+ \rightarrow \pi^0 l^+ \nu$ and $D^+ \rightarrow \eta e^+ \nu_e$ ”, Phys. Lett. B **405**, 373 (1997).
177. D.M. Asner *et al.*, “Search for the Decays $B^0 \rightarrow D^{(*)+} D^{(*)-}$ ”, Phys. Rev. Lett. **79**, 799 (1997).
178. R. Balest *et al.*, “Observation of the Decay $D_s^+ \rightarrow \omega\pi^+$ ”, Phys. Rev. Lett. **79**, 1436 (1997).
179. S. Anderson *et al.*, “ $\Lambda\bar{\Lambda}$ Production in Two-Photon Interactions”, Phys. Rev. D **56**, 2485 (1997).
180. M. Athanas *et al.*, “Measurement of the $\bar{B} \rightarrow D l \bar{\nu}$ Partial Width and Form Factor Parameters”, Phys. Rev. Lett. **79**, 2208 (1997).
181. T. Bergfeld *et al.*, “First Observation of $\tau \rightarrow 3\pi\eta\nu_\tau$ and $\tau \rightarrow f_1\pi\nu_\tau$ Decays”, Phys. Rev. Lett. **79**, 2406 (1997).
182. L. Gibbons *et al.*, “Inclusive Decays $B \rightarrow DX$ and $B \rightarrow D^*X$ ”, Phys. Rev. D **56**, 3783 (1997).
183. X. Fu *et al.*, “Observation of Exclusive B Decays to Final States Containing a Charmed Baryon”, Phys. Rev. Lett. **79**, 3125 (1997).

184. J.P. Alexander *et al.*, “Determination of the Michel Parameters and the τ Neutrino Helicity in τ Decay”, Phys. Rev. D **56**, 5320 (1997).
185. B. Barish *et al.*, “First Observation of Inclusive B Decays to the Charmed Strange Baryons Ξ_c^0 and Ξ_c^+ ”, Phys. Rev. Lett. **79**, 3599 (1997).
186. R. Godang *et al.*, “Limit on the Two-Photon Production of the Glueball Candidate $f_J(2220)$ at the Cornell Electron Storage Ring”, Phys. Rev. Lett. **79**, 3829 (1997).
187. C.P. Jessop *et al.*, “Measurement of the Decay Amplitudes and Branching Fractions of $B \rightarrow J/\psi K^*$ and $B \rightarrow J/\psi K$ Decays”, Phys. Rev. Lett. **79**, 4533 (1997).
188. J. Gronberg *et al.*, “Measurements of the Meson-Photon Transition Form Factors of Light Pseudoscalar Mesons at Large Momentum Transfer”, Phys. Rev. D **57**, 33 (1998).
189. R. Ammar *et al.*, “Measurements of the Total Cross Section for $e^+e^- \rightarrow$ Hadrons at $\sqrt{s} = 10.52$ GeV”, Phys. Rev. D **57**, 1350 (1998).
190. T.E. Coan *et al.*, “Flavor-Specific Inclusive B Decays to Charm”, Phys. Rev. Lett. **80**, 1150 (1998).
191. S. Glenn *et al.*, “Search for Inclusive $b \rightarrow sl^+l^-$ ”, Phys. Rev. Lett. **80**, 2289 (1998).
192. G. Brandenburg *et al.*, “New Measurement of $B \rightarrow D^*\pi$ Branching Fractions”, Phys. Rev. Lett. **80**, 2762 (1998).
193. M. Bishai *et al.*, “Search for the Decay $B \rightarrow D_{s1}^+(2536)X$ ”, Phys. Rev. D **57**, 3847 (1998).
194. M.S. Alam *et al.*, “Measurement of Branching Fractions of $\Lambda_c^+ \rightarrow p\bar{K}n(\pi)$ ”, Phys. Rev. D **57**, 4467 (1998).
195. M. Artuso *et al.*, “Measurement of $B(D^0 \rightarrow K^-\pi^+)$ Using Partial Reconstruction of $B \rightarrow D^{*+}Xl^-\bar{\nu}$ ”, Phys. Rev. Lett. **80**, 3193 (1998).
196. R. Godang *et al.*, “Observation of Exclusive Two-Body B Decays to Kaons and Pions”, Phys. Rev. Lett. **80**, 3456 (1998).
197. B.H. Behrens *et al.*, “Two-Body B Meson Decays to η and η' : Observation of $B \rightarrow \eta'K$ ”, Phys. Rev. Lett. **80**, 3710 (1998).
198. B. Nemati *et al.*, “Search for Color-suppressed B Hadronic Decay Processes at the $\Upsilon(4S)$ Resonance”, Phys. Rev. D **57**, 5363 (1998).
199. D.W. Bliss *et al.*, “New limits for Neutrinoless Tau Decays”, Phys. Rev. D **57**, 5903 (1998).

200. J. Bartelt *et al.*, “Observation of the Radiative Decay $D^{*+} \rightarrow D_{\gamma}^{+}$ ”, Phys. Rev. Lett. **80**, 3919 (1998).
201. A. Anastassov *et al.*, “Investigation of Semileptonic B Meson Decays to p -Wave Charm Mesons”, Phys. Rev. Lett. **80**, 4127 (1998).
202. G. Bonvicini *et al.*, “Study of Semileptonic Decays of B Mesons to Charmed Baryons”, Phys. Rev. D **57**, 6604 (1998).
203. M. Athanas *et al.*, “First Observation of the Cabibbo Suppressed Decay $B^{+} \rightarrow \bar{D}^0 K^{+}$ ”, Phys. Rev. Lett. **80**, 5493 (1998).
204. M. Chada *et al.*, “Improved Measurement of the Pseudoscalar Decay Constant f_{D_s} ”, Phys. Rev. D **58**, 032002 (1998).
205. R. Ammar *et al.*, “A limit on the Mass of the ν_{τ} ”, Phys. Lett. B **431**, 209 (1998).
206. T. Bergfeld *et al.*, “Observation of $B^{+} \rightarrow \omega K^{+}$ and Search for Related B Decays Modes”, Phys. Rev. Lett. **81**, 272 (1998).
207. C.P. Jessop *et al.*, “Measurement of the Branching Ratios for the Decays of D_s^{+} to $\eta\pi^{+}$, $\eta'\pi^{+}$, $\eta\rho^{+}$, and $\eta'\rho^{+}$ ”, Phys. Rev. D **58**, 052002 (1998).
208. G. Brandenburg *et al.*, “Continuum Charged D^{*} Spin Alignment at $\sqrt{s} = 10.5$ GeV”, Phys. Rev. D **58**, 052003 (1998).
209. J.P. Alexander *et al.*, “Hadronic Transitions $\Upsilon(2S) \rightarrow \Upsilon(1S)$ ”, Phys. Rev. D **58**, 052004 (1998).
210. T.E. Browder *et al.*, “Observation of High Momentum η' Production in B Decays”, Phys. Rev. Lett. **81**, 1786 (1998).
211. D.M. Asner *et al.*, “Radiative Decay Modes of the D^0 Meson”, Phys. Rev. D **58**, 092001 (1998).
212. M.S. Alam *et al.*, “Further Search for the Two-Photon Production of the Glueball Candidate $f_J(2220)$ ”, Phys. Rev. Lett. **81**, 3328 (1998).
213. S. Anderson *et al.*, “First Search for CP Violation in Tau Lepton Decay”, Phys. Rev. Lett. **81**, 3823 (1998).
214. A. Anastassov *et al.*, “First Observation of $\Upsilon(1S) \rightarrow \gamma\pi^{+}\pi^{-}$ and $\Upsilon(1S) \rightarrow \gamma\pi^0\pi^0$ ”, Phys. Rev. Lett. **82**, 286 (1999).
215. K.W. Edwards *et al.*, “Measurements of the Mass Splittings Between the $b\bar{b}\chi_{b,J}(1P)$ States”, Phys. Rev. D **59**, 032003 (1999).

216. C.P. Jessop *et al.*, “Observation of Two Narrow States Decaying into $\Xi_c^+\gamma$ and $\Xi_c^0\gamma$ ”, Phys. Rev. Lett. **82**, 492 (1999).
217. S. Glenn *et al.*, “ Υ Dipion Transitions at Energies Near the $\Upsilon(4S)$ ”, Phys. Rev. D **59**, 052003 (1999).
218. M. Artuso *et al.*, “First Observation of the Decay $B^0 \rightarrow D^{*+}D^{*-}$ ”, Phys. Rev. Lett. **82**, 3020 (1999).
219. J. Bartelt *et al.*, “Measurement of the $B \rightarrow Dl\nu$ Branching Fractions and Form Factor”, Phys. Rev. Lett. **82**, 3746 (1999).
220. T.E. Coan *et al.*, “Search for Exclusive Rare Baryonic Decays of B Mesons”, Phys. Rev. D **59**, 111101 (1999).
221. G. Bonvicini *et al.*, “Measurement of Charm Meson Lifetimes”, Phys. Rev. Lett. **82**, 4586 (1999).
222. J.P. Alexander *et al.*, “Evidence of New States Decaying into $\Xi_c^*\pi$ ”, Phys. Rev. Lett. **83**, 3390 (1999).
223. S.J. Richichi *et al.*, “Study of 3-prong Hadronic τ Decays with Charged Kaons”, Phys. Rev. D **60**, 112002 (1999).
224. D.M. Asner *et al.*, “Hadronic Structure in the Decay $\tau^- \rightarrow \nu_\tau \pi^- \pi^0 \pi^0$ and the Sign of the Tau Neutrino Helicity”, Phys. Rev. D **61**, 012002 (1999).
225. R.A. Briere *et al.*, “Search for Rare and Forbidden η' Decays”, Phys. Rev. Lett. **84**, 26 (2000).
226. T. Bergfeld *et al.*, “Observation of Radiative Leptonic Decay of the Tau Lepton”, Phys. Rev. Lett. **84**, 830 (2000).
227. B.H. Behrens *et al.*, “Measurement of $B \rightarrow \rho l \nu$ Decay and $|V_{ub}|$ ”, Phys. Rev. D **61**, 052001 (2000).
228. M. Athanas *et al.*, “Limit on the Tau Neutrino Mass from $\tau^- \rightarrow \pi^- \pi^+ \pi^- \pi^0 \nu_\tau$ ”, Phys. Rev. D **61**, 052002 (2000).
229. T.E. Browder *et al.*, “Structure Functions in the Decay $\tau^\pm \rightarrow \pi^\mp \pi^0 \pi^0 \nu_\tau$ ”, Phys. Rev. D **61**, 052004 (2000).
230. A. Anastassov *et al.*, “First Observation of the Decay $B \rightarrow J/\psi \phi K$ ”, Phys. Rev. Lett. **84**, 1393 (2000).
231. S. Ahmed *et al.*, “Update of the Search for the Neutrinoless Decay $\tau \rightarrow \mu \gamma$ ”, Phys. Rev. D **61**, 071101 (2000).

232. G. Brandenburg *et al.*, “Charged Track Multiplicity in B Meson Decay”, Phys. Rev. D **61**, 072002 (2000).
233. K.W. Edwards *et al.*, “Resonant Structure of $\tau \rightarrow 3\pi\pi^0\nu_\tau$ and $\tau \rightarrow \omega\pi\nu_\tau$ Decays”, Phys. Rev. D **61**, 072003 (2000).
234. S.E. Csorna *et al.*, “Measurement of the B^0 and B^+ Meson Masses from $B^0 \rightarrow \psi^{(\prime)}K_S^0$ and $B^+ \rightarrow \psi^{(\prime)}K^+$ Decays”, Phys. Rev. D **61**, 111101 (2000).
235. S. Anderson *et al.*, “Hadronic Structure in the Decay $\tau^- \rightarrow \pi^-\pi^0\nu_\tau$ ”, Phys. Rev. D **61**, 112002 (2000).
236. M. Artuso *et al.*, “Search for the Decay $\bar{B}^0 \rightarrow D^{*0}\gamma$ ”, Phys. Rev. Lett. **84**, 4292 (2000).
237. R. Godang *et al.*, “Search for D^0 - $\bar{D}^0$ Mixing”, Phys. Rev. Lett. **84**, 5038 (2000).
238. T.E. Coan *et al.*, “Study of Exclusive Radiative B Meson Decays”, Phys. Rev. Lett. **84**, 5283 (2000).
239. G. Bonvicini *et al.*, “Search for CP Violation in $B^\pm \rightarrow J/\psi K^\pm$ and $B^\pm \rightarrow \psi(2S)K^\pm$ Decays”, Phys. Rev. Lett. **84**, 5940 (2000).
240. E. Lipeles *et al.*, “Study of the Decays $B^0 \rightarrow D^{(*)+}D^{(*)-}$ ”, Phys. Rev. D **62**, 032005 (2000).
241. D. Cronin-Hennessy *et al.*, “Observation of $B \rightarrow K^\pm\pi^0$ and $B \rightarrow K^0\pi^0$ and Evidence for $B \rightarrow \pi^+\pi^-$ ”, Phys. Rev. Lett. **85**, 515 (2000).
242. S.J. Richichi *et al.*, “Two-Body B Meson Decays to η and η' : Observation of $B \rightarrow \eta K^{*}$ ”, Phys. Rev. Lett. **85**, 520 (2000).
243. S. Chen *et al.*, “Measurement of Charge Asymmetries in Charmless Hadronic B Meson Decays”, Phys. Rev. Lett. **85**, 525 (2000).
244. P. Avery *et al.*, “Study of Exclusive Two-Body B^0 Meson Decays to Charmonium”, Phys. Rev. D **62**, 051101 (2000).
245. R.A. Briere *et al.*, “Measurements of Charm Fragmentation into D_s^{*+} and D_s^+ in e^+e^- Annihilations at $\sqrt{s} = 10.5$ GeV”, Phys. Rev. D **62**, 072003 (2000).
246. D.E. Jaffe *et al.*, “Measurement of $B(\Lambda_c^+ \rightarrow pK^-\pi^+)$ ”, Phys. Rev. D **62**, 072005 (2000).
247. D.M. Asner *et al.*, “Resonance Structure of $\tau^- \rightarrow K^-\pi^+\pi^-\nu_\tau$ Decays”, Phys. Rev. D **62**, 072006 (2000).

248. B.H. Behrens *et al.*, “Precise Measurement of $B^0 - \bar{B}^0$ Mixing Parameters at the $\Upsilon(4S)$ ”, Phys. Lett. B **490**, 36 (2000).
249. T. Bergfeld *et al.*, “Search for Decays of B^0 Mesons into Pairs of Leptons: $B^0 \rightarrow e^+e^-$, $B^0 \rightarrow \mu^+\mu^-$, and $B^0 \rightarrow e^\pm\mu^\mp$ ”, Phys. Rev. D **62**, 091102 (2000).
250. C.P. Jessop *et al.*, “Study of Charmless Hadronic B Meson Decays to Pseudoscalar-Vector Final States”, Phys. Rev. Lett. **85**, 2881 (2000).
251. G. Brandenburg *et al.*, “Measurements of the Mass, Total Width, and Two-Photon Partial Width of the η_c Meson”, Phys. Rev. Lett. **85**, 3095 (2000).
252. R. Ammar *et al.*, “Measurement of the Product Branching Fraction $B(c \rightarrow \Theta_c X) \times B(\Theta_c \rightarrow \Lambda X)$ ”, Phys. Rev. D **62**, 092007 (2000).
253. S. Ahmed *et al.*, “Measurement of $B \rightarrow D_s^{(*)+} D^{(*)-}$ Branching Fractions”, Phys. Rev. D **62**, 112003 (2000).
254. K.W. Edwards *et al.*, “Study of B Decays to Charmonium States: $B \rightarrow \eta_c K$ and $B \rightarrow \chi_{c0} K$ ”, Phys. Rev. Lett. **86**, 30 (2001).
255. S. Chen *et al.*, “Study of χ_{c1} and χ_{c2} Meson Production in B Meson Decays”, Phys. Rev. D **63**, 031102 (2001).
256. S.J. Richichi *et al.*, “Study of $B \rightarrow \psi(2S)K$ and $B \rightarrow \psi(2S)K^*(892)$ Decays”, Phys. Rev. D **63**, 031103 (2001).
257. V. Savinov *et al.*, “Search for a Scalar Bottom Quark with Mass 3.5-4.5 GeV/c²”, Phys. Rev. D **63**, 051101 (2001).
258. R. Ammar *et al.*, “First Observation of the Σ_c^{*+} Baryon and a New Measurement of the Σ_c^{*+} Mass”, Phys. Rev. Lett. **86**, 1167 (2001).
259. G. Bonvicini *et al.*, “Search for CP Violation in $D^0 \rightarrow K_S^0 \pi^0$, $D^0 \rightarrow \pi^0 \pi^0$ and $D^0 \rightarrow K_S^0 K_S^0$ ”, Phys. Rev. D **63**, 071101 (2001).
260. A.H. Mahmood *et al.*, “Measurement of the Λ_c^+ Lifetime”, Phys. Rev. Lett. **86**, 2232 (2001).
261. S. Anderson *et al.*, “First Observation of the Decays $B^0 \rightarrow D^{*-} p \bar{p} \pi^+$ and $B^0 \rightarrow D^{*-} p \bar{n}$ ”, Phys. Rev. Lett. **86**, 2732 (2001).
262. J.P. Alexander *et al.*, “Measurement of the Relative Branching Fraction of $\Upsilon(4S)$ to Charged and Neutral B -Meson Pairs”, Phys. Rev. Lett. **86**, 2737 (2001).
263. T.E. Browder *et al.*, “Search for $B \rightarrow \tau \nu$ and $B \rightarrow K \nu \bar{\nu}$ ”, Phys. Rev. Lett. **86**, 2950 (2001).

264. S. Kopp *et al.*, “Dalitz Analysis of the Decay $D^0 \rightarrow K^-\pi^+\pi^0$ ”, Phys. Rev. D **63**, 092001 (2001).
265. S. Chan *et al.*, “Measurement of the Decay Asymmetry Parameters in $\Xi_c^0 \rightarrow \Xi^-\pi^+$ ”, Phys. Rev. D **63**, 111102 (2001).
266. R.A. Briere *et al.*, “Observation of $B \rightarrow \phi K$ and $B \rightarrow \phi K^*$ ”, Phys. Rev. Lett. **86**, 3718 (2001).
267. D. Cronin-Hennessy *et al.*, “Observation of the Ω_c^0 Charmed Baryon at CLEO”, Phys. Rev. Lett. **86**, 3730 (2001).
268. A. Bornheim *et al.*, “Correlated $\Lambda_c^+\bar{\Lambda}_c^-$ Production in e^+e^- Annihilations at $\sqrt{s} \sim 10.5$ GeV”, Phys. Rev. D **63**, 112003 (2001).
269. S.E. Csorna *et al.*, “Evidence of New States Decaying into $\Xi_c^*\pi$ ”, Phys. Rev. Lett. **86**, 4243 (2001).
270. M. Artuso *et al.*, “Observation of New States Decaying into $\Lambda_c^+\pi^-\pi^+$ ”, Phys. Rev. Lett. **86**, 4479 (2001).
271. D.E. Jaffe *et al.*, “Bounds on the CP Asymmetry in Like-Sign Dileptons from $B^0\bar{B}^0$ Meson Decays”, Phys. Rev. Lett. **86**, 5000 (2001).
272. T.E. Coan *et al.*, “Bounds on the CP Asymmetry in $b \rightarrow s\gamma$ Decays”, Phys. Rev. Lett. **86**, 5661 (2001).
273. B.I. Eisenstein *et al.*, “Experimental Investigation of the Two-Photon Widths of the χ_{c0} and the χ_{c2} Mesons”, Phys. Rev. Lett. **87**, 061801 (2001).
274. G. Brandenburg *et al.*, “Rate Measurement of $D^0 \rightarrow K^+\pi^-\pi^0$ and Constraints on $D^0 - \bar{D}^0$ Mixing”, Phys. Rev. Lett. **87**, 071802 (2001).
275. A. Gritsan *et al.*, “Search for the Decay $B^+ \rightarrow D^{*+}K_S^0$ ”, Phys. Rev. D **64**, 077501 (2001).
276. J.P. Alexander *et al.*, “First Observation of $\bar{B} \rightarrow D^{(*)}\rho'^-$, $\rho'^- \rightarrow \omega\pi^-$ ”, Phys. Rev. D **64**, 092001 (2001).
277. S.J. Richichi *et al.*, “Search for the Decay $\Upsilon(1S) \rightarrow \gamma\eta'$ ”, Phys. Rev. Lett. **87**, 141801 (2001).
278. P. Avery *et al.*, “Search for CP Violation in $\tau \rightarrow \pi\pi^0\nu_\tau$ Decay”, Phys. Rev. D **64**, 092005 (2001).
279. S. Anderson *et al.*, “Improved Upper Limits on the Flavor-Changing Neutral Current Decays $B \rightarrow Kl^+l^-$ and $B \rightarrow K^*(892)l^+l^-$ ”, Phys. Rev. Lett. **87**, 181803 (2001).

280. S.A. Dytman *et al.*, “Evidence for the Decay $D^0 \rightarrow K^+\pi^-\pi^+\pi^-$ ”, Phys. Rev. D **64**, 111101 (2001).
281. K.W. Edwards *et al.*, “First Observation of $\bar{B}^0 \rightarrow D^{*0}\pi^+\pi^+\pi^-\pi^-$ Decays”, Phys. Rev. D **65**, 012002 (2001).
282. S. Ahmed *et al.*, “First Measurement of $\Gamma(D^{*+})$ ”, Phys. Rev. Lett. **87**, 251801 (2001).
283. S. Chen *et al.*, “Branching Fraction and Photon Energy Spectrum for $b \rightarrow s\gamma$ ”, Phys. Rev. Lett. **87**, 251807 (2001).
284. C. Cronin-Hennessy *et al.*, “Hadronic Mass Moments in Inclusive Semileptonic B Meson Decays”, Phys. Rev. Lett. **87**, 251808 (2001).
285. A.H. Mahmood *et al.*, “Measurement of the Ξ_c^+ Lifetime”, Phys. Rev. D **65**, 031102 (2001).
286. R. Ammar *et al.*, “Search for the Famiilon via $B^\pm \rightarrow \pi^\pm X^0$, $B^\pm \rightarrow K^\pm X^0$, and $B^0 \rightarrow K_S^0 X^0$ Decays”, Phys. Rev. Lett. **87**, 271801 (2001).
287. R. Godang *et al.*, “Search for Charmless $B \rightarrow VV$ Decays”, Phys. Rev. Lett. **88**, 021802 (2002).
288. T.E. Coan *et al.*, “Observation of $\bar{B}^0 \rightarrow D^0\pi^0$ and $\bar{B}^0 \rightarrow D^{*0}\pi^0$ ”, Phys. Rev. Lett. **88**, 062001 (2002).
289. R. Mahapatra *et al.*, “Observation of Exclusive $\bar{B} \rightarrow D^{(*)}K^{*-}$ Decays”, Phys. Rev. Lett. **88**, 101803 (2002).
290. G. Bonvicini *et al.*, “Search for CP Violation in $\tau \rightarrow K\pi\nu_\tau$ Decays”, Phys. Rev. Lett. **88**, 111803 (2002).
291. M. Artuso *et al.*, “Measurement of the Masses and Widths of the Σ_c^{++} and Σ_c^0 Charmed Baryons”, Phys. Rev. D **65**, 071101 (2002).
292. G. Masek *et al.*, “Further Experimental Studies of Two-Body Radiative Υ Decays”, Phys. Rev. D **65**, 072002 (2002).
293. S.E. Csorna *et al.*, “Lifetime Differences, Direct CP Violation and Partial Widths in D^0 Meson Decays to K^+K^- and $\pi^+\pi^-$ ”, Phys. Rev. D **65**, 092001 (2002).
294. A. Bornheim *et al.*, “Improved Measurement of $|V_{ub}|$ with Inclusive Semileptonic B Decays”, Phys. Rev. Lett. **88**, 231803 (2002).
295. K.W. Edwards *et al.*, “Search for Lepton-Flavor-Violating Decays of B Mesons”, Phys. Rev. D **65**, 111102 (2002).

296. R.A. Briere *et al.*, “Improved Measurement of $|V_{cb}|$ Using $\bar{B} \rightarrow D^* \ell \nu$ Decays”, Phys. Rev. Lett. **89**, 081803 (2002).
297. S. Ahmed *et al.*, “Measurement of $\mathcal{B}(B^- \rightarrow D^0 \pi^-)$ and $\mathcal{B}(\bar{B}^0 \rightarrow D^+ \pi^-)$ and Isospin Analysis of $\bar{B}^0 \rightarrow D \pi$ Decays”, Phys. Rev. D **66**, 031101 (2002).
298. Z. Metreveli *et al.*, “Correlated Inclusive $\Lambda \bar{\Lambda}$ Production in e^+e^- Annihilations at $\sqrt{s} \sim 10.5$ GeV”, Phys. Rev. D **66**, 052002 (2002).
299. S.B. Athar *et al.*, “Measurement of the Ratio of Branching Fractions of the $\Upsilon(4S)$ to Charged and Neutral B Mesons”, Phys. Rev. D **66**, 052003 (2002).
300. R. Ammar *et al.*, “Observation of the Decay $\Omega_c^0 \rightarrow \Omega^- e^+ \nu_e$ ”, Phys. Rev. Lett. **89**, 171803 (2002).
301. K. Benslama *et al.*, “Antisearch for Glueball Candidate $f_J(2220)$ in Two-photon Interactions”, Phys. Rev. D **66**, 077101 (2002).
302. G. Brandenburg *et al.*, “Measurement of $\mathcal{B}(D^+ \rightarrow \bar{K}^{*0} l^+ \nu_l)$ ”, Phys. Rev. Lett. **89**, 222001 (2002).
303. S.A. Dytman *et al.*, “Measurement of Exclusive B Decays to Final States Containing a Charmed Baryon”, Phys. Rev. D **66**, 091101 (2002).
304. E. Eckhart *et al.*, “Observation of $B \rightarrow K_S^0 \pi^+ \pi^-$ and Evidence for $B \rightarrow K^{*\pm} \pi^\mp$ ”, Phys. Rev. Lett. **89**, 251801 (2002).
305. H. Muramatsu *et al.*, “Dalitz Analysis of $D^0 \rightarrow K_S^0 \pi^+ \pi^-$ ”, Phys. Rev. Lett. **89**, 251802 (2002).
306. S. Anderson *et al.*, “Measurement of Inclusive $B \rightarrow \psi$ Production”, Phys. Rev. Lett. **89**, 282001 (2002).
307. D. Cronin-Hennessy *et al.*, “First Observation of the Exclusive Decay $\Lambda_c^+ \rightarrow \Lambda \pi^+ \pi^+ \pi^- \pi^0$ and $\Lambda_c^+ \rightarrow \Lambda \omega \pi^+$ ”, Phys. Rev. D **67**, 012001 (2003).
308. N. E. Adam *et al.*, “Determination of the $\bar{B} \rightarrow D^* l \bar{\nu}$ Decay Width and $|V_{cb}|$ ”, Phys. Rev. D **67**, 032001 (2003).
309. T. E. Coan *et al.*, “First Search for the Flavor Changing Neutral Current Decay $D^0 \rightarrow \gamma \gamma$ ”, Phys. Rev. Lett. **90**, 101801 (2003).
310. M. Artuso *et al.*, “Inclusive η' Production from the $\Upsilon(1S)$ ”, Phys. Rev. D **67**, 052003 (2003).
311. A.H. Mahmood *et al.*, “Measurement of Lepton Momentum Moments in the Decay $\bar{B} \rightarrow X l \bar{\nu}$ and Determination of the Heavy Quark Expansion Parameters and $|V_{cb}|$ ”, Phys. Rev. D **67**, 072001 (2003).

312. R. A. Briere *et al.*, “Branching Fraction of τ Leptons to Three Charged Hadrons”, Phys. Rev. Lett. **90**, 181802 (2003).
313. S. E. Csorna *et al.*, “Measurement of the Branching Fractions and Helicity Amplitudes in $B \rightarrow D^* \rho$ Decays”, Phys. Rev. D **67**, 112002 (2003).
314. B. I. Eisenstein *et al.*, “Measurement of the Charge Asymmetry in $B \rightarrow K^*(892)^\pm \pi^\mp$ ”, Phys. Rev. D **68**, 017101 (2003).
315. G. Bonvicini *et al.*, “Study of the Charmless Inclusive $B \rightarrow \eta' X$ Decay”, Phys. Rev. D **68**, 011101 (2003).
316. N. E. Adam *et al.*, “Search for $B \rightarrow \bar{p} e^- \bar{\nu}_e X$ Decay Using a Partial Reconstruction Method”, Phys. Rev. D **68**, 012004 (2003).
317. K. W. Edwards *et al.*, “Search for Baryons in the Radiative Penguin Decay $b \rightarrow s \gamma$ ”, Phys. Rev. D **68**, 011102 (2003).
318. D. Besson *et al.*, “Observation of a Narrow Resonance of mass $2.46 \text{ GeV}/c^2$ Decaying to $D_s^{*+} \pi^0$ and Confirmation of the $D_{sJ}^*(2317)$ State”, Phys. Rev. D **68**, 032002 (2003).
319. A. Bornheim *et al.*, “Measurements of Charmless Hadronic Two-Body B Meson Decays and the Ratio $\mathcal{B}(B \rightarrow DK)/\mathcal{B}(B \rightarrow D\pi)$ ”, Phys. Rev. D **68**, 052002 (2003).
320. S. B. Athar *et al.*, “Study of the q^2 Dependence of $B \rightarrow \pi l \nu$ and of $B \rightarrow \rho(\omega) l \nu$ and Extraction of $|V_{ub}|$ ”, Phys. Rev. D **68**, 072003 (2003).
321. B. Aubert *et al.*, “Rates, Polarizations, and Asymmetries in Charmless Vector-Vector B Meson Decays”, Phys. Rev. Lett. **91**, 171802 (2003).
322. B. Aubert *et al.*, “Evidence for the Rare Decay $B \rightarrow K^* l^+ l^-$ and Measurement of the $B \rightarrow K l^+ l^-$ Branching Fraction”, Phys. Rev. Lett. **91**, 221802 (2003).
323. B. Aubert *et al.*, “Observation of a Significant Excess of $\pi^0 \pi^0$ Events in B Meson Decays”, Phys. Rev. Lett. **91**, 241801 (2003).
324. B. Aubert *et al.*, “ J/ψ Production via Initial State Radiation in $e^+ e^- \rightarrow \mu^+ \mu^- \gamma$ at an $e^+ e^-$ Center-of-Mass Energy near 10.6 GeV ”, Phys. Rev. D **69**, 011103 (2004).
325. B. Aubert *et al.*, “Observation of $B^0 \rightarrow \omega K^0$, $B^+ \rightarrow \eta \pi^+$, and $B^+ \rightarrow \eta K^+$ and Study of Related Decays”, Phys. Rev. Lett. **92**, 061801 (2004).
326. B. Aubert *et al.*, “Measurement of the Inclusive Charmless Semileptonic Branching Ratio of B Mesons and Determination of $|V_{ub}|$ ”, Phys. Rev. Lett. **92**, 071802 (2004).
327. B. Aubert *et al.*, “Observation of a Narrow Meson Decaying to $D_s^+ \pi^0 \gamma$ at a Mass of $2.458 \text{ GeV}/c^2$ ”, Phys. Rev. D **69**, 031101 (2004).

328. B. Aubert *et al.*, “Observation of the Decay $B^0 \rightarrow \rho^+\rho^-$ and Measurement of the Branching Fraction and Polarization”, Phys. Rev. D **69**, 031102 (2004).
329. B. Aubert *et al.*, “Measurement of Branching Fractions of Color-Suppressed Decays of the $\bar{B}^0$ Meson to $D^{(*)0}\pi^0$, $D^{(*)0}\eta$, $D^{(*)0}\omega$, and $D^0\eta'$ ”, Phys. Rev. D **69**, 032004 (2004).
330. B. Aubert *et al.*, “Measurement of $\sin 2\beta$ with Hadronic and Previously Unused Muonic J/ψ Decays”, Phys. Rev. D **69**, 052001 (2004).
331. B. Aubert *et al.*, “Measurement of the Branching Fraction for $B^- \rightarrow D^0 K^{*-}$ ”, Phys. Rev. D **69**, 051101 (2004).
332. B. Aubert *et al.*, “Search for Lepton-Flavor Violation in the Decay $\tau^- \rightarrow l^- l^+ l^-$ ”, Phys. Rev. Lett. **92**, 121801 (2004).
333. I. Danko *et al.*, “Measurement of the Decay Rate of $\Xi_c^0 \rightarrow p K^- K^- \pi^+$ Relative to $\Xi_c^0 \rightarrow \Xi^- \pi^+$ ”, Phys. Rev. D **69**, 052004 (2004).
334. B. Aubert *et al.*, “Measurement of the Average ϕ Multiplicity in B Meson Decay”, Phys. Rev. D **69**, 052005 (2004).
335. B. Aubert *et al.*, “Measurement of the B^+/B^0 Production Ratio from the $\Upsilon(4S)$ Meson Using $B^+ \rightarrow J/\psi K^+$ and $B^0 \rightarrow J/\psi K_S^0$ Decays”, Phys. Rev. D **69**, 071101 (2004).
336. D.M. Asner *et al.*, “Observation of η'_c Production in $\gamma\gamma$ Fusion at CLEO”, Phys. Rev. Lett. **92**, 142001 (2004).
337. B. Aubert *et al.*, “Measurements of the Mass and Width of the η_c Meson and of an $\eta_c(2S)$ Candidate”, Phys. Rev. Lett. **92**, 142002 (2004).
338. K. Arms *et al.*, “Cabibbo-Suppressed Decays of $D^+ \rightarrow \pi^+\pi^0, K^+\bar{K}^0, K^+\pi^0$ ”, Phys. Rev. D **69**, 071102 (2004).
339. B. Aubert *et al.*, “Measurement of the Branching Fraction and Polarization for the Decay $B^- \rightarrow D^{*0} K^{*-}$ ”, Phys. Rev. Lett. **92**, 141801 (2004).
340. B. Aubert *et al.*, “Measurement of the Branching Fraction for $B^\pm \rightarrow \chi_{c0} K^\pm$ ”, Phys. Rev. D **69**, 071103 (2004).
341. B. Aubert *et al.*, “Limits on the Decay-Rate Difference of Neutral B Mesons and on CP , T , and CPT Violation in $B^0\bar{B}^0$ Oscillations”, Phys. Rev. Lett. **92**, 181801 (2004).
342. B. Aubert *et al.*, “Measurements of Branching Fractions and CP -Violating Asymmetries in B Meson Decays to Charmless Two-Body States Containing a K^0 ”, Phys. Rev. Lett. **92**, 201802 (2004).

343. B. Aubert *et al.*, “Search for the Decay $B^0 \rightarrow p\bar{p}$ ”, Phys. Rev. D **69**, 091503 (2004).
344. B. Aubert *et al.*, “Measurement of the Branching Fractions and CP Asymmetry of $B^- \rightarrow D_{CP}^0 K^-$ Decays with the *BABAR* Detector”, Phys. Rev. Lett. **92**, 202002 (2004).
345. B. Aubert *et al.*, “Search for the Rare Leptonic Decay $B^+ \rightarrow \mu^+ \nu_\mu$ ”, Phys. Rev. Lett. **92**, 221803 (2004).
346. T.E. Coan *et al.*, “Wess-Zumino Current and the Structure of the Decay $\tau^- \rightarrow K^- \pi^- K^+ \nu_\tau$ ”, Phys. Rev. Lett. **92**, 232001 (2004).
347. B. Aubert *et al.*, “Study of $B^\pm \rightarrow J/\psi \pi^\pm$ and $B^\pm \rightarrow J/\psi K^\pm$ Decays: Measurement of the Ratio of Branching Fractions and Search for Direct CP Violation”, Phys. Rev. Lett. **92**, 241802 (2004).
348. B. Aubert *et al.*, “Measurement of Time-Dependent CP Asymmetries in $B^0 \rightarrow D^{(*)\pm} \pi^\mp$ Decays and Constraints on $\sin(2\beta + \gamma)$ ”, Phys. Rev. Lett. **92**, 251801 (2004).
349. B. Aubert *et al.*, “Measurement of Time-Dependent CP Asymmetries and Constraints on $\sin(2\beta + \gamma)$ with Partial Reconstruction of $B^0 \rightarrow D^{*\mp} \pi^\pm$ Decays”, Phys. Rev. Lett. **92**, 251802 (2004).
350. B. Aubert *et al.*, “Measurements of Moments of the Hadronic Mass Distribution in Semileptonic B Decays”, Phys. Rev. D **69**, 111103 (2004).
351. B. Aubert *et al.*, “Measurement of the Electron Energy Spectrum and its Moments in Inclusive $B \rightarrow X e \nu$ Decays”, Phys. Rev. D **69**, 111104 (2004).
352. B. Aubert *et al.*, “Determination of the Branching Fraction for $B \rightarrow X_c \ell \nu$ Decays and of $|V_{cb}|$ from Hadronic-Mass and Lepton-Energy Moments”, Phys. Rev. Lett. **93**, 011803 (2004).
353. B. Aubert *et al.*, “Measurement of the Direct CP Asymmetry in $b \rightarrow s \gamma$ Decays”, Phys. Rev. Lett. **93**, 021804 (2004).
354. B. Aubert *et al.*, “Observation of the Decay $B \rightarrow J/\psi \eta K$ and Search for $X(3872) \rightarrow J/\psi \eta$ ”, Phys. Rev. Lett. **93**, 041801 (2004).
355. B. Aubert *et al.*, “Branching Fraction Measurements of $B \rightarrow \eta_c K$ Decays”, Phys. Rev. D **70**, 011101 (2004).
356. B. Aubert *et al.*, “Limits on the Decay-Rate Difference of Neutral B Mesons and on CP , T , and CPT Violation in $B^0 \bar{B}^0$ Oscillations”, Phys. Rev. D **70**, 012007 (2004).
357. B. Aubert *et al.*, “Measurement of Branching Fractions and Charge Asymmetries in $B^\pm \rightarrow \rho^\pm \pi^0$ and $B^\pm \rightarrow \rho^0 \pi^\pm$ Decays, and Search for $B^0 \rightarrow \rho^0 \pi^0$ ”, Phys. Rev. Lett. **93**, 051802 (2004).

358. B. Aubert *et al.*, “Study of High Momentum η' Production in $B \rightarrow \eta' X_s$ ”, Phys. Rev. Lett. **93**, 061801 (2004).
359. B. Aubert *et al.*, “Measurement of the Time-Dependent CP Asymmetry in the $B^0 \rightarrow \phi K^0$ Decay”, Phys. Rev. Lett. **93**, 071801 (2004).
360. G. Bonvicini *et al.*, “First Observation of a $\Upsilon(1D)$ State”, Phys. Rev. D **70**, 032001 (2004).
361. S.E. Csorna *et al.*, “Moments of the B Meson Inclusive Semileptonic Decay Rate Using Neutrino Reconstruction”, Phys. Rev. D **70**, 032002 (2004).
362. A.H. Mahmood *et al.*, “Measurement of the B -Meson Inclusive Semileptonic Branching Fraction and Electron-Energy Moments”, Phys. Rev. D **70**, 032003 (2004).
363. B. Aubert *et al.*, “Bound on the Ratio of Decay Amplitudes for $\bar{B}^0 \rightarrow J/\psi K^{*0}$ and $B^0 \rightarrow J/\psi K^{*0}$ ”, Phys. Rev. Lett. **93**, 081801 (2004).
364. B. Aubert *et al.*, “Measurement of the $B \rightarrow X_s \ell^+ \ell^-$ Branching Fraction with a Sum over Exclusive Modes”, Phys. Rev. Lett. **93**, 081802 (2004).
365. B. Aubert *et al.*, “Search for B^0 Decays to Invisible Final States and to $\nu \bar{\nu} \gamma$ ”, Phys. Rev. Lett. **93**, 091802 (2004).
366. B. Aubert *et al.*, “ B Meson Decays to $\eta^{(\prime)} K^*$, $\eta^{(\prime)} \rho$, $\eta^{(\prime)} \pi^0$, $\omega \pi^0$, and $\phi \pi^0$ ”, Phys. Rev. D **70**, 032006 (2004).
367. P. Rubin *et al.*, “First Observation and Dalitz Analysis of the $D^0 \rightarrow K_s^0 \eta \pi^0$ Decay”, Phys. Rev. Lett. **93**, 111801 (2004).
368. B. Aubert *et al.*, “Direct CP Violating Asymmetry in $B^0 \rightarrow K^+ \pi^-$ Decays”, Phys. Rev. Lett. **93**, 131801 (2004).
369. B. Aubert *et al.*, “Search for $B^\pm \rightarrow [K^\mp \pi^\pm]_D K^\pm$ and Upper Limit on the $b \rightarrow u$ Amplitude in $B^\pm \rightarrow DK^\pm$ ”, Phys. Rev. Lett. **93**, 131804 (2004).
370. B. Aubert *et al.*, “Measurements of CP -Violating Asymmetries in $B^0 \rightarrow K_s^0 \pi^0$ Decays”, Phys. Rev. Lett. **93**, 131805 (2004).
371. R.A. Briere *et al.*, “New Measurements of $\Upsilon(1S)$ Decays to Charmonium Final States”, Phys. Rev. D **70**, 072001 (2004).
372. B. Aubert *et al.*, “Study of $B \rightarrow D_{sJ}^{(*)+} \bar{D}^{(*)}$ Decays”, Phys. Rev. Lett. **93**, 181801 (2004).
373. B. Aubert *et al.*, “Branching Fractions and CP Asymmetries in $B^0 \rightarrow K^+ K^- K_s^0$ and $B^+ \rightarrow K^+ K_s^0 K_s^0$ ”, Phys. Rev. Lett. **93**, 181805 (2004).

374. B. Aubert *et al.*, “Searches for B^0 Decays to Combinations of Two Charmless Isoscalar Mesons”, Phys. Rev. Lett. **93**, 181806 (2004).
375. B. Aubert *et al.*, “Study of the $e^+e^- \rightarrow \pi^+\pi^-\pi^0$ Process using Initial State Radiation with *BABAR*”, Phys. Rev. D **70**, 072004 (2004).
376. B. Aubert *et al.*, “Search for Flavor-Changing Neutral Current and Lepton-Flavor Violating Decays of $D^0 \rightarrow \ell^+\ell^-$ ”, Phys. Rev. Lett. **93**, 191801 (2004).
377. D.M. Asner *et al.*, “Search for CP Violation in $D^0 \rightarrow K_s^0\pi^+\pi^-$ ”, Phys. Rev. D **70**, 091101 (2004).
378. B. Aubert *et al.*, “Measurement of Time-Dependent CP -Violating Asymmetries in $B^0 \rightarrow K^{*0}\gamma(K^{*0} \rightarrow K_s^0\pi^0)$ Decays”, Phys. Rev. Lett. **93**, 201801 (2004).
379. B. Aubert *et al.*, “Measurements of the Branching Fractions of Charged B Decays to $K^\pm\pi^\mp\pi^\pm$ Final States”, Phys. Rev. D **70**, 092001 (2004).
380. B. Aubert *et al.*, “Search for $D^0 - \bar{D}^0$ Mixing Using Semileptonic Decay Modes”, Phys. Rev. D **70**, 091102 (2004).
381. B. Aubert *et al.*, “Measurements of Neutral B Decay Branching Fractions to $K_S^0\pi^+\pi^-$ Final States”, Phys. Rev. D **70**, 091103 (2004).
382. B. Aubert *et al.*, “Search for the Decay $B^0 \rightarrow J/\psi\gamma$ ”, Phys. Rev. D **70**, 091104 (2004).
383. B. Aubert *et al.*, “Measurement of the $B^0 \rightarrow K_2^*(1430)^0\gamma$ and $B^+ \rightarrow K_2^*(1430)^+\gamma$ Branching Fractions”, Phys. Rev. D **70**, 091105 (2004).
384. B. Aubert *et al.*, “Measurement of the Branching Fractions for Inclusive B^- and $\bar{B}^0$ Decays to Flavor-Tagged D , D_s and Λ_c ,” Phys. Rev. D **70**, 091106 (2004).
385. B. Aubert *et al.*, “Measurement of the $B^0 \rightarrow \phi K^{*0}$ Decay Amplitudes”, Phys. Rev. Lett. **93**, 231804 (2004).
386. B. Aubert *et al.*, “Study of the Decay $B^0(\bar{B}^0) \rightarrow \rho^+\rho^-$, and Constraints on the Cabibbo-Kobayashi-Maskawa Angle α ”, Phys. Rev. Lett. **93**, 231801 (2004).
387. M. Artuso *et al.*, “ Charm Meson Spectra in e^+e^- Annihilation at 10.5 GeV Center of Mass Energy”, Phys. Rev. D **70**, 112001 (2004).
388. A. Bornheim *et al.*, “Search for the Leptonic-Flavor-Violating Leptonic $B^0 \rightarrow \mu^\pm\tau^\mp$ and $B^0 \rightarrow e^\pm\tau^\mp$ ”, Phys. Rev. Lett. **93**, 241802 (2004).
389. B. Aubert *et al.*, “Search for B -Meson Decays to Two-Body Final States with $a_0(980)$ Mesons”, Phys. Rev. D **70**, 111102 (2004).

390. B. Aubert *et al.*, “Measurement of Branching Fractions and CP and Isospin Asymmetries for $B \rightarrow K^*\gamma$ ”, Phys. Rev. D **70**, 112006 (2004).
391. B. Aubert *et al.*, “Search for Radiative Penguin Decays $B^+ \rightarrow \rho^+\gamma$, $B^0 \rightarrow \rho^0\gamma$, and $B^0 \rightarrow \omega\gamma$ ”, Phys. Rev. Lett. **94**, 011801 (2005).
392. G.S. Huang *et al.*, “Study of the Semileptonic Charm Decays $D^0 \rightarrow \pi^-l^+\nu$ and $D^0 \rightarrow K^-l^+\nu$ ”, Phys. Rev. Lett. **94**, 011802 (2005).
393. G.S. Adams *et al.*, “Measurement of the Muonic Branching Fractions of the Narrow Upsilon Resonances”, Phys. Rev. Lett. **94**, 012001 (2005).
394. D. Besson *et al.*, “Search for $e^+e^- \rightarrow \Lambda_b^0\bar{\Lambda}_b^0$ near Threshold”, Phys. Rev. D **71**, 012004 (2005).
395. M. Artuso *et al.*, “Photon Transitions in $\Upsilon(2S)$ and $\Upsilon(3S)$ Decays”, Phys. Rev. Lett. **94**, 032001 (2005).
396. B. Aubert *et al.*, “Measurements of the Branching Fraction and CP -Violation Asymmetries in $B^0 \rightarrow f_0(980)K_S^0$ ”, Phys. Rev. Lett. **94**, 041802 (2005).
397. B. Aubert *et al.*, “Search for a Charged Partner of the X(3872) in the B Meson Decay $B \rightarrow X^-K$, $X^- \rightarrow J/\psi\pi^-\pi^0$ ”, Phys. Rev. D **71**, 031501 (2005).
398. B. Aubert *et al.*, “Measurement of the Ratio $\mathcal{B}(B^- \rightarrow D^{*0}K^-)/\mathcal{B}(B^- \rightarrow D^{*0}\pi^-)$ and of the CP Asymmetries of $B^- \rightarrow D_{CP+}^{*0}K^-$ Decays”, Phys. Rev. D **71**, 031102 (2005).
399. B. Aubert *et al.*, “Measurement of B Meson Decays to ωK^* and $\omega\rho$ ”, Phys. Rev. D **71**, 031103 (2005).
400. B. Aubert *et al.*, “Time-Integrated and Time-Dependent Angular Analyses of $B \rightarrow J/\psi K\pi$: A Measurement of $\cos 2\beta$ with no Sign Ambiguity from Strong Phases”, Phys. Rev. D **71**, 032005 (2005).
401. B. Aubert *et al.*, “ $e^+e^- \rightarrow \pi^+\pi^-\pi^+\pi^-$, $K^+K^-\pi^+\pi^-$, and $K^+K^-K^+K^-$ Cross Sections at Center-of-Mass Energies 0.5 GeV-4.5 GeV Measured with Initial-State Radiation”, Phys. Rev. D **71**, 052001 (2005).
402. B. Aubert *et al.*, “Search for the Decay $B^+ \rightarrow K^+\nu\bar{\nu}$ ”, Phys. Rev. Lett. **94**, 101801 (2005).
403. B. Aubert *et al.*, “Measurement of the $\bar{B}^0 \rightarrow D^{*+}l^-\bar{\nu}_l$ Decay Rate and $|V_{cb}|$ ”, Phys. Rev. D **71**, 051502 (2005).
404. C. Cawthorne *et al.*, “Limits on Neutral D Mixing in Semileptonic Decays,” Phys. Rev. D **71**, 077101 (2005).

405. R. Ahohe *et al.*, “Search for $\eta(1475) \rightarrow K_S^0 K^\pm \pi^\mp$ in Two-Photon Fusion at the CLEO Detector at Cornell”, Phys. Rev. D **71**, 072001 (2005).
406. B. Aubert *et al.*, “Limit on the $B^0 \rightarrow \rho^0 \rho^0$ Branching Fraction and Implications for the Cabbibo-Kobayashi-Maskawa Angle α ”, Phys. Rev. Lett. **94**, 131801 (2005).
407. B. Aubert *et al.*, “Measurement of Branching Fractions and Charge Asymmetries for Exclusive B Decays to Charmonium”, Phys. Rev. Lett. **94**, 141801 (2005).
408. B. Aubert *et al.*, “Study of the $B^- \rightarrow J/\psi K^- \pi^+ \pi^-$ Decay and Measurement of the $B \rightarrow X(3872) K^-$ Branching Fraction”, Phys. Rev. D **71**, 071103 (2005).
409. B. Aubert *et al.*, “Improved Measurement of CP Asymmetries in $B^0 \rightarrow (c\bar{c}) K^{0(*)}$ Decays”, Phys. Rev. Lett. **94**, 161803 (2005).
410. B. Aubert *et al.*, “Search for Factorization-Suppressed $B \rightarrow \chi_c K^{(*)}$ Decays”, Phys. Rev. Lett. **94**, 171801 (2005).
411. B. Aubert *et al.*, “Search for CP Violation and a Measurement of the Relative Branching Fraction in $D^+ \rightarrow K^- K^+ \pi^+$ Decays”, Phys. Rev. D **71**, 091101 (2005).
412. B. Aubert *et al.*, “Branching Fractions and CP Asymmetries in $B^0 \rightarrow \pi^0 \pi^0$, $B^+ \rightarrow \pi^+ \pi^0$, and $B^+ \rightarrow K^+ \pi^0$ Decays and Isospin Analysis of the $B \rightarrow \pi\pi$ System”, Phys. Rev. Lett. **94**, 181802 (2005).
413. B. Aubert *et al.*, “Measurement of CP Asymmetries in $B^0 \rightarrow \phi K^0$ and $B^0 \rightarrow K^+ K^- K_S^0$ Decays”, Phys. Rev. D **71**, 091102 (2005).
414. B. Aubert *et al.*, “Search for $B \rightarrow J/\psi D$ Decays”, Phys. Rev. D **71**, 091103 (2005).
415. B. Aubert *et al.*, “Measurement of the $B^0 \rightarrow D^{*-} D_s^{*+}$ and $D_s^+ \rightarrow \phi \pi^+$ Branching Fractions”, Phys. Rev. D **71**, 091104 (2005).
416. J.W. Hinson *et al.*, “Improved Measurement of the Form Factors in the Decay $\Lambda_c^+ \rightarrow \Lambda e^+ \nu_e$ ”, Phys. Rev. Lett. **94**, 191801 (2005).
417. B. Aubert *et al.*, “Measurements of Branching Fractions and Time-Dependent CP -Violating Asymmetries in $B \rightarrow \eta' K$ Decays”, Phys. Rev. Lett. **94**, 191802 (2005).
418. B. Aubert *et al.*, “Evidence for the Decay $B^\pm \rightarrow K^{*\pm} \pi^0$ ”, Phys. Rev. D **71**, 111101 (2005).
419. B. Aubert *et al.*, “Search for Decays of $B^0 \rightarrow e^+ e^-$, $B^0 \rightarrow \mu^+ \mu^-$, $B^0 \rightarrow e^\pm \mu^\mp$ ”, Phys. Rev. Lett. **94**, 221803 (2005).
420. B. Aubert *et al.*, “Measurement of the Branching Fraction and the CP -Violating Asymmetry for the Decay $B^0 \rightarrow K_S^0 \pi^0$ ”, Phys. Rev. D **71**, 111102 (2005).

421. B. Aubert *et al.*, “Measurement of Time-dependent CP -Violating Asymmetries and Constraints on $\sin(2\beta + \gamma)$ with Partial Reconstruction of $B \rightarrow D^{*\mp}\pi^\pm$ Decays”, Phys. Rev. D **71**, 112003 (2005).
422. B. Aubert *et al.*, “Branching Fraction and CP Asymmetries of $B^0 \rightarrow K_S^0 K_S^0 K_S^0$ ”, Phys. Rev. Lett. **95**, 011801 (2005).
423. D. M. Asner *et al.*, “Search for $D^0 - \bar{D}^0$ Mixing in the Dalitz Plot Analysis of $D^0 \rightarrow K_S^0 \pi^+ \pi^-$ ”, Phys. Rev. D **72**, 012001 (2005).
424. B. Aubert *et al.*, “Search for the Decay $\tau^- \rightarrow 4\pi^- 3\pi^+(\pi^0)\nu_\tau$ ”, Phys. Rev. D **72**, 012003 (2005).
425. B. Aubert *et al.*, “Search for Lepton Flavor Violation in the Decay $\tau^\pm \rightarrow \mu^\pm \gamma$ ”, Phys. Rev. Lett. **95**, 041802 (2005).
426. B. Aubert *et al.*, “Search for the Rare Leptonic Decay $B^- \rightarrow \tau^- \bar{\nu}_\tau$ ”, Phys. Rev. Lett. **95**, 041804 (2005).
427. B. Aubert *et al.*, “Improved Measurement of the Cabbibo-Kobayashi-Maskawa Angle α Using $B^0(\bar{B}) \rightarrow \rho^+ \rho^-$ Decays”, Phys. Rev. Lett. **95**, 041805 (2005).
428. B. Aubert *et al.*, “Measurement of the Branching Fraction of $\Upsilon(4S) \rightarrow B^0 \bar{B}^0$ ”, Phys. Rev. Lett. **95**, 042001 (2005).
429. B. Aubert *et al.*, “Search for Strange-Pentaquark Production in e^+e^- Annihilation at $\sqrt{s} = 10.58$ GeV”, Phys. Rev. Lett. **95**, 042002 (2005).
430. B. Aubert *et al.*, “Search for the Rare Decays $B^+ \rightarrow D^{(*)+} K_S^0$ ”, Phys. Rev. D **72**, 011102 (2005).
431. B. Aubert *et al.*, “Measurement of Double Charmonium Production in e^+e^- Annihilations at $\sqrt{s} = 10.6$ GeV”, Phys. Rev. D **72**, 031101 (2005).
432. B. Aubert *et al.*, “Search for $b \rightarrow u$ Transitions in $B^- \rightarrow D^0 K^-$ and $B^- \rightarrow D^{*0} K^-$ ”, Phys. Rev. D **72**, 032004 (2005).
433. B. Aubert *et al.*, “Measurement of the Total Width, the Electronic Width, and the Mass of the $\Upsilon(10580)$ Resonance”, Phys. Rev. D **72**, 032005 (2005).
434. D. Cronin-Hennessy *et al.*, “Searches for CP Violation and $\pi\pi$ S Wave in the Dalitz-Plot Analysis of $D^0 \rightarrow \pi^+ \pi^- \pi^0$ ”, Phys. Rev. D **72**, 031102 (2005).
435. B. Aubert *et al.*, “Measurement of the $B^+ \rightarrow p \bar{p} K^+$ Branching Fraction and Study of the Decay dynamics”, Phys. Rev. D **72**, 051101 (2005).
436. B. Aubert *et al.*, “Amplitude Analysis of the Decay $B^\pm \rightarrow \pi^\pm \pi^\pm \pi^\mp$ ”, Phys. Rev. D **72**, 052002 (2005).

437. B. Aubert *et al.*, “Determination of $|V_{ub}|$ from Measurements of the Electron and Neutrino Momenta in Inclusive Semileptonic B Decays”, Phys. Rev. Lett. **95**, 111801 (2005).
438. B. Aubert *et al.*, “Measurement of Cabbibo-Kobayashi-Maskawa Angle γ in $B^\mp \rightarrow D^{(*)}K^\mp$ Decays with a Dalitz Analysis of $D \rightarrow K_S^0\pi^-\pi^+$ ”, Phys. Rev. Lett. **95**, 121802 (2005).
439. B. Aubert *et al.*, “Measurements of the $B \rightarrow X_s\gamma$ Branching Fraction and Photon Spectrum from a Sum of Exclusive Final States”, Phys. Rev. D **72**, 052004 (2005).
440. B. Aubert *et al.*, “Study of $B \rightarrow \pi l\nu$ and $B \rightarrow \rho l\nu$ Decays and Determination of $|V_{ub}|$ ”, Phys. Rev. D **72**, 051102 (2005).
441. B. Aubert *et al.*, “Measurement of the Time-Dependent CP -Violating Asymmetry in $B^0 \rightarrow K_S^0\pi^0\gamma$ Decays”, Phys. Rev. D **72**, 051103 (2005).
442. B. Aubert *et al.*, “Precision Measurement of the Λ_c^+ Baryon Mass”, Phys. Rev. D **72**, 052006 (2005).
443. B. Aubert *et al.*, “Measurement of Time-Dependent CP Asymmetries in $B^0 \rightarrow D^{(*)\pm}D^\mp$ Decays”, Phys. Rev. Lett. **95**, 131802 (2005).
444. B. Aubert *et al.*, “Measurement of Branching Fractions and Charge Asymmetries in B^+ Decays to $\eta\pi^+$, ηK^+ , $\eta\rho^+$ and $\eta'\pi^+$, and Search for B^0 Decays to ηK^0 and $\eta\omega$ ”, Phys. Rev. Lett. **95**, 131803 (2005).
445. B. Aubert *et al.*, “Observation of a Broad Structure in the $\pi^+\pi^-J/\psi$ Mass Spectrum around $4.26 \text{ GeV}/c^2$ ”, Phys. Rev. Lett. **95**, 142001 (2005).
446. B. Aubert *et al.*, “Search for the Rare Decay $\bar{B}^0 \rightarrow D^{*0}\gamma$ ”, Phys. Rev. D **72**, 051106 (2005).
447. B. Aubert *et al.*, “Dalitz Plot Analysis of $D^0 \rightarrow \bar{K}^0 K^+ K^-$ ”, Phys. Rev. D **72**, 052008 (2005).
448. B. Aubert *et al.*, “Production and Decay of Ξ_c^0 at $BABAR$ ”, Phys. Rev. Lett. **95**, 142003 (2005).
449. B. Aubert *et al.*, “Improved Measurements of CP -Violating Asymmetry Amplitudes in $B^0 \rightarrow \pi^+\pi^-$ Decays”, Phys. Rev. Lett. **95**, 151803 (2005).
450. B. Aubert *et al.*, “Measurement of Time-Dependent CP Asymmetries and the CP -Odd Fraction in the Decay $B^0 \rightarrow D^{*+}D^{*-}$ ”, Phys. Rev. Lett. **95**, 151804 (2005).
451. B. Aubert *et al.*, “Study of the $\tau^- \rightarrow 3h^-2h^+\nu_\tau$ Decay”, Phys. Rev. D **72**, 072001 (2005).

452. B. Aubert *et al.*, “Dalitz-plot Analysis of the Decays $B^\pm \rightarrow K^\pm \pi^\mp \pi^\pm$ ”, Phys. Rev. D **72**, 072003 (2005).
453. B. Aubert *et al.*, “Measurement of the Branching Fraction and Decay Rate Asymmetry of $B^- \rightarrow D_{\pi^+\pi^-\pi^0} K^-$ ”, Phys. Rev. D **72**, 071102 (2005).
454. B. Aubert *et al.*, “Measurements of Branching Fractions and Dalitz Distributions for $B^0 \rightarrow D^{(*)\pm} K^0 \pi^\mp$ Decays”, Phys. Rev. Lett. **95**, 171802 (2005).
455. B. Aubert *et al.*, “Measurement of CP Observables for the Decays $B^\pm \rightarrow D_{CP}^0 K^{*\pm}$ ”, Phys. Rev. D **72**, 071103 (2005).
456. B. Aubert *et al.*, “Study of $b \rightarrow c$ Interference in the Decay $B^- \rightarrow [K^+\pi^-]_D K^{*-}$ ”, Phys. Rev. D **72**, 071104 (2005).
457. B. Aubert *et al.*, “Search for Lepton-Flavor and Lepton-Number Violation in the Decay $\tau^- \rightarrow l^\mp h^\pm h'^-$ ”, Phys. Rev. Lett. **95**, 191801 (2005).
458. B. Aubert *et al.*, “Measurement of the Branching ratios $\Gamma(D_s^{*+} \rightarrow D_s^+ \pi^0)/\Gamma(D_s^{*+} \rightarrow D_s^+ \gamma)$ and $\Gamma(D^{*0} \rightarrow D^0 \pi^0)/\Gamma(D^{*0} \rightarrow D^0 \gamma)$ ”, Phys. Rev. D **72**, 091101 (2005).
459. B. Aubert *et al.*, “Search for the Radiative Decay $B^0 \rightarrow \phi \gamma$ ”, Phys. Rev. D **72**, 091103 (2005).
460. B. Aubert *et al.*, “Evidence for $B^+ \rightarrow \bar{K}^0 K^+$ and $B^0 \rightarrow K^0 \bar{K}^0$, and Measurement of the Branching Fraction and Search for Direct CP Violation in $B^+ \rightarrow K^0 \pi^+$ ”, Phys. Rev. Lett. **95**, 221801 (2005).
461. B. Aubert *et al.*, “Search for the W -Exchange Decays $B^0 \rightarrow D_s^{(*)-} D_s^{(*)+}$ ”, Phys. Rev. D **72**, 111101 (2005).
462. B. Aubert *et al.*, “Study of the $X(3872)$ and $Y(4260)$ in $B^0 \rightarrow J/\psi \pi^+ \pi^- K^0$ and $B^- \rightarrow J/\psi \pi^+ \pi^- K^-$ Decays”, Phys. Rev. D **73**, 011101 (2006).
463. B. Aubert *et al.*, “Measurement of Branching Fractions and Resonance Contributions for $B^0 \rightarrow \bar{D}^0 K^+ \pi^-$ and Search for $B^0 \rightarrow D^0 K^+ \pi^-$ Decays”, Phys. Rev. Lett. **96**, 011803 (2006).
464. B. Aubert *et al.*, “Measurement of the $\bar{B}^0$ Lifetime and the $B^0 \bar{B}^0$ Oscillation Frequency Using Partially Reconstructed $\bar{B}^0 \rightarrow D^{*+} l^- \bar{\nu}_l$ Decays”, Phys. Rev. D **73**, 012004 (2006).
465. B. Aubert *et al.*, “Study of $e^+ e^- \rightarrow p \bar{p}$ Using Initial State Radiation with *BABAR*”, Phys. Rev. D **73**, 012005 (2006).
466. B. Aubert *et al.*, “Search for Rare Quark-Annihilation Decays, $B^- \rightarrow D_s^{(*)-} \phi$ ”, Phys. Rev. D **73**, 011103 (2006).

467. B. Aubert *et al.*, “Measurement of the Inclusive Electron Spectrum in Charmless Semi-leptonic B Decays near the Kinematic End Point and Determination of $|V_{ub}|$ ”, Phys. Rev. D **73**, 012006 (2006).
468. B. Aubert *et al.*, “Search for Lepton Flavor Violation in the Decay $\tau^\pm \rightarrow e^\pm \gamma$ ”, Phys. Rev. Lett. **96**, 041801 (2006).
469. B. Aubert *et al.*, “Measurements of the Absolute Branching Fractions of $B^\pm \rightarrow K^\pm X_{c\bar{c}}$ ”, Phys. Rev. Lett. **96**, 052002 (2006).
470. B. Aubert *et al.*, “Measurements of Neutral B Decay Branching Fractions to $K_S^0 \pi^+ \pi^-$ Final States and the Charge Asymmetry of $B^0 \rightarrow K^{*+} \pi^-$ ”, Phys. Rev. D **73**, 031101 (2006).
471. B. Aubert *et al.*, “The $e^+e^- \rightarrow 3(\pi^+\pi^-), 2(\pi^+\pi^-\pi^0)$ and $K^+K^-2(\pi^+\pi^-)$ Cross Sections at Center-of-Mass Energies from Production Threshold to 4.5 GeV Measured with Initial-State Radiation”, Phys. Rev. D **73**, 052003 (2006).
472. B. Aubert *et al.*, “Search for the Decay $B^+ \rightarrow \tau^+ \nu_\tau$ ”, Phys. Rev. D **73**, 057101 (2006).
473. B. Aubert *et al.*, “Measurements of the CP Observables for the Decays $B^\pm \rightarrow D_{CP}^0 K^\pm$ ”, Phys. Rev. D **73**, 051105 (2006).
474. B. Aubert *et al.*, “Branching Fraction Limits for B^0 Decays to $\eta' \eta, \eta' \pi^0$ and $\eta \pi^0$ ”, Phys. Rev. D **73**, 071102 (2006).
475. B. Aubert *et al.*, “Search for the Rare Decays $B^0 \rightarrow D_s^{(*)+} a_{0(2)}^-$ ”, Phys. Rev. D **73**, 071103 (2006).
476. B. Aubert *et al.*, “Search for the Charmed Pentaquark Candidate $\Theta_c(3100)^0$ in e^+e^- Annihilations at $\sqrt{s} = 10.58$ GeV,” Phys. Rev. D **73**, 091101 (2006).
477. B. Aubert *et al.*, “Measurements of Branching Fractions, Rate Asymmetries, and Angular Distributions in the Rare Decays $B \rightarrow Kl^+l^-$ and $B \rightarrow K^*l^+l^-$,” Phys. Rev. D **73**, 092001 (2006).
478. B. Aubert *et al.*, “Measurement of Time-Dependent CP Asymmetries in $B^0 \rightarrow D^{(*)\pm} \pi^\mp$ and $B^0 \rightarrow D^\pm \rho^\mp$ Decays,” Phys. Rev. D **73**, 111101 (2006).
479. B. Aubert *et al.*, “Measurement of the $B^- \rightarrow D^0 K^{*-}$ Branching Fraction,” Phys. Rev. D **73**, 111104 (2006).
480. B. Aubert *et al.*, “Search for the Decay $\tau^- \rightarrow 3\pi^- 2\pi^+ 2\pi^0 \nu_\tau$,” Phys. Rev. D **73**, 112003 (2006).
481. B. Aubert *et al.*, “Measurement of Branching Fractions and CP -Violating Charge Asymmetries for B -Meson Decays to $D^{(*)} \bar{D}^{(*)}$, and Implications for the Cabibbo-Kobayashi-Maskawa Angle γ ,” Phys. Rev. D **73**, 112004 (2006).

482. B. Aubert *et al.*, “Determinations of $|V_{ub}|$ from Inclusive Semileptonic B Decays with Reduced Model Dependence,” Phys. Rev. Lett. **96**, 221801 (2006).
483. B. Aubert *et al.*, “Observation of $\Upsilon(4S)$ Decays to $\pi^+\pi^-\Upsilon(1S)$ and $\pi^+\pi^-\Upsilon(2S)$,” Phys. Rev. Lett. **96**, 232001 (2006).
484. B. Aubert *et al.*, “Search for the Rare Decay $B^0 \rightarrow \tau^+\tau^-$ at BABAR,” Phys. Rev. Lett. **96**, 241802 (2006).
485. B. Aubert *et al.*, “Search for T , CP , and CPT Violation in B^0 - $\bar{B}^0$ Mixing with Inclusive Dilepton Events,” Phys. Rev. Lett. **96**, 251802 (2006).
486. B. Aubert *et al.*, “Study of the Decay $\bar{B}^0 \rightarrow D^{*+}\omega\pi^-$,” Phys. Rev. D **74**, 012001 (2006).
487. B. Aubert *et al.*, “Measurement of the η and η' Transition Form Factors at $q^2 = 112 \text{ GeV}^2$,” Phys. Rev. D **74**, 012002 (2006).
488. B. Aubert *et al.*, “Measurements of the Branching Fraction and Time-Dependent CP Asymmetries of $B^0 \rightarrow J/\psi\pi^0$ Decays,” Phys. Rev. D **74**, 011101 (2006).
489. B. Aubert *et al.*, “Search for $B^+ \rightarrow \phi\pi^+$ and $B^0 \rightarrow \phi\pi^0$ Decays,” Phys. Rev. D **74**, 011102 (2006).
490. B. Aubert *et al.*, “Search for Doubly Charmed Baryons Ξ_{cc}^+ and Ξ_{cc}^{++} in BABAR,” Phys. Rev. D **74**, 011103 (2006).
491. B. Aubert *et al.*, “Measurements of CP -Violating Asymmetries and Branching Fractions in B Decays to ωK and $\omega\pi$,” Phys. Rev. D **74**, 011106 (2006).
492. B. Aubert *et al.*, “Measurement of the $D^+ \rightarrow \pi^+\pi^0$ and $D^+ \rightarrow K^+\pi^0$ Branching Fractions,” Phys. Rev. D **74**, 011107 (2006).
493. B. Aubert *et al.*, “Observation of B^0 Meson Decay to $a_1^\pm(1260)\pi^\mp$,” Phys. Rev. Lett. **97**, 051802 (2006).
494. B. Aubert *et al.*, “Measurement of $\bar{B}^0 \rightarrow D^{(*)0}\bar{K}^{(*)0}$ Branching Fractions,” Phys. Rev. D **74**, 031101 (2006).
495. B. Aubert *et al.*, “Measurement of Branching Fractions in Radiative B Decays to $\eta K\gamma$ and Search for B Decays to $\eta' K\gamma$,” Phys. Rev. D **74**, 031102 (2006).
496. B. Aubert *et al.*, “Study of $B \rightarrow D^{(*)}D_{s(J)}^{(*)}$ Decays and Measurement of D_s^- and $D_{s(J)}(2460)^-$ Branching Fractions,” Phys. Rev. D **74**, 031103 (2006).
497. B. Aubert *et al.*, “Search for the Decay $B^0 \rightarrow a_1^\pm\rho^\mp$,” Phys. Rev. D **74**, 031104 (2006).

498. B. Aubert *et al.*, “Search for B Meson Decays to $\eta'\eta'K$,” Phys. Rev. D **74**, 031105 (2006).
499. B. Aubert *et al.*, “Dalitz Plot Analysis of the Decay $B^\pm \rightarrow K^\pm K^\pm K^\mp$,” Phys. Rev. D **74**, 032003 (2006).
500. B. Aubert *et al.*, “Search for the Decay $B^0 \rightarrow K_S^0 K_S^0 K_L^0$,” Phys. Rev. D **74**, 032005 (2006).
501. B. Aubert *et al.*, “Study of the $D_{sJ}^*(2317)^+$ and $D_{sJ}(2460)^+$ Mesons in Inclusive $c\bar{c}$ Production near $\sqrt{s} = 10.6$ GeV,” Phys. Rev. D **74**, 032007 (2006).
502. B. Aubert *et al.*, “Measurement of the Spin of the Ω^- Hyperon,” Phys. Rev. Lett. **97**, 112001 (2006).
503. B. Aubert *et al.*, “Observation of e^+e^- Annihilation into the $C = +1$ Hadronic Final States $\rho^0\rho^0$ and $\phi\rho^0$,” Phys. Rev. Lett. **97**, 112002 (2006).
504. B. Aubert *et al.*, “Measurements of the Decays $B^0 \rightarrow \bar{D}^0 p\bar{p}$, $B^0 \rightarrow \bar{D}^{*0} p\bar{p}$, $B^0 \rightarrow D^- p\bar{p}\pi^+$, and $B^0 \rightarrow D^{*-} p\bar{p}\pi^+$,” Phys. Rev. D **74**, 051101 (2006).
505. B. Aubert *et al.*, “ B Meson Decays to ωK^* , $\omega\rho$, $\omega\omega$, $\omega\phi$, and ωf_0 ,” Phys. Rev. D **74**, 051102 (2006).
506. B. Aubert *et al.*, “Branching Fraction Measurements of Charged B Decays to $K^{*+}K^+ K^-$, $K^{*+}\pi^+K^-$, $K^{*+}K^+\pi^-$ and $K^{*+}\pi^+\pi^-$ Final States,” Phys. Rev. D **74**, 051104 (2006).
507. B. Aubert *et al.*, “Searches for B^0 Decays to ηK^0 , $\eta\eta$, $\eta'\eta'$, $\eta\phi$, and $\eta'\phi$,” Phys. Rev. D **74**, 051106 (2006).
508. B. Aubert *et al.*, “Search for $B^+ \rightarrow X(3872)K^+$, $X(3872) \rightarrow J/\psi\gamma$,” Phys. Rev. D **74**, 071101 (2006).
509. B. Aubert *et al.*, “Search for the Decay of a B^0 or $\bar{B}^0$ Meson to $\bar{K}^{*0}K^0$ or $K^{*0}\bar{K}^0$,” Phys. Rev. D **74**, 072008 (2006).
510. B. Aubert *et al.*, “Measurement of the Branching Fraction and Photon Energy Moments of $B \rightarrow X_s\gamma$ and $A_{CP}(B \rightarrow X_{s+d}\gamma)$,” Phys. Rev. Lett. **97**, 171803 (2006).
511. B. Aubert *et al.*, “Observation of $B^+ \rightarrow \bar{K}^0 K^+$ and $B^0 \rightarrow K^0 \bar{K}^0$,” Phys. Rev. Lett. **97**, 171805 (2006).
512. B. Aubert *et al.*, “Measurements of Branching Fractions, Polarizations, and Direct CP -Violation Asymmetries in $B \rightarrow \rho K^*$ and $B \rightarrow f_0(980)K^*$ Decays,” Phys. Rev. Lett. **97**, 201801 (2006).

513. B. Aubert *et al.*, “Measurement of Branching Fractions and Charge Asymmetries in B Decays to an η Meson and a K^* Meson,” Phys. Rev. Lett. **97**, 201802 (2006).
514. B. Aubert *et al.*, “Measurement of the Branching Fraction and Time-Dependent CP Asymmetry in the Decay $B^0 \rightarrow D^{*+}D^{*-}K_S^0$,” Phys. Rev. D **74**, 091101 (2006).
515. B. Aubert *et al.*, “Precise Branching Ratio Measurements of the Decays $D^0 \rightarrow \pi^-\pi^+\pi^0$ and $D^0 \rightarrow K^-K^+\pi^0$ Relative to the $D^0 \rightarrow K^-\pi^+\pi^0$ Decay,” Phys. Rev. D **74**, 091102 (2006).
516. B. Aubert *et al.*, “Structure at 2175 MeV in $e^+e^- \rightarrow \phi f_0(980)$ Observed via Initial-State Radiation,” Phys. Rev. D **74**, 091103 (2006).
517. B. Aubert *et al.*, “Measurement of the Ratio $B(B^+ \rightarrow X e \nu)/B(B^0 \rightarrow X e \nu)$,” Phys. Rev. D **74**, 091105 (2006).
518. B. Aubert *et al.*, “Measurements of the $B \rightarrow D^*$ Form Factors using the Decay $\bar{B}^0 \rightarrow D^{*+}e^-\bar{\nu}_e$,” Phys. Rev. D **74**, 092004 (2006).
519. B. Aubert *et al.*, “Measurement of the $B \rightarrow \pi l \nu$ Branching Fraction and Determination of $|V_{ub}|$ with Tagged B Mesons,” Phys. Rev. Lett. **97**, 211801 (2006).
520. B. Aubert *et al.*, “Observation of a New D_s Meson Decaying to DK at a Mass of 2.86 GeV/ c^2 ,” Phys. Rev. Lett. **97**, 222001 (2006).
521. B. Aubert *et al.*, “Search for D^0 - $\bar{D}^0$ Mixing and Branching-Ratio Measurement in the Decay $D^0 \rightarrow K^+\pi^-\pi^0$,” Phys. Rev. Lett. **97**, 221803 (2006).
522. B. Aubert *et al.*, “Observation of an Excited Charm Baryon Ω_c^* Decaying to $\Omega_c^0\gamma$,” Phys. Rev. Lett. **97**, 232001 (2006).
523. B. Aubert *et al.*, “Measurements of Branching Fraction, Polarization, and Charge Asymmetry of $B^\pm \rightarrow \rho^\pm\rho^0$ and a Search for $B^\pm \rightarrow \rho^\pm f_0(980)$,” Phys. Rev. Lett. **97**, 261801 (2006).
524. B. Aubert *et al.*, “Observation of $B^+ \rightarrow \phi\phi K^+$ and Evidence for $B^0 \rightarrow \phi\phi K^0$ below η_c Threshold,” Phys. Rev. Lett. **97**, 261803 (2006).
525. B. Aubert *et al.*, “Measurement of the Absolute Branching Fractions $B \rightarrow D\pi$, $D^*\pi$, $D^{**}\pi$ with a Missing Mass Method,” Phys. Rev. D **74**, 111102 (2006).
526. B. Aubert *et al.*, “Observation of the Exclusive Reaction $e^+e^- \rightarrow \phi\eta$ at $\sqrt{s} = 10.58$ GeV,” Phys. Rev. D **74**, 111103 (2006).
527. B. Aubert *et al.*, “Observation of a Charmed Baryon Decaying to $D^0 p$ at a Mass Near 2.94 GeV/ c^2 ,” Phys. Rev. Lett. **98**, 012001 (2007).

528. B. Aubert *et al.*, “Inclusive Λ_c production in e^+e^- Annihilations at $\sqrt{s} = 10.54$ GeV and in $\Upsilon(4S)$ Decays,” Phys. Rev. D **75**, 012003 (2007).
529. B. Aubert *et al.*, “Observation of CP Violation in $B^0 \rightarrow \eta' K^0$ Decays,” Phys. Rev. Lett. **98**, 031801 (2007).
530. B. Aubert *et al.*, “Improved Measurements of the Branching Fractions for $B^0 \rightarrow \pi^+\pi^-$ and $B^0 \rightarrow K^+\pi^-$, and a Search for $B^0 \rightarrow K^+K^-$,” Phys. Rev. D **75**, 012008 (2007).
531. B. Aubert *et al.*, “Vector-Tensor and Vector-Vector Decay Amplitude Analysis of $B^0 \rightarrow \phi K^{*0}$,” Phys. Rev. Lett. **98**, 051801 (2007).
532. B. Aubert *et al.*, “Observation of $B \rightarrow \eta' K^*$ and Evidence for $B^+ \rightarrow \eta' \rho^+$,” Phys. Rev. Lett. **98**, 051802 (2007).
533. B. Aubert *et al.*, “Measurement of the CP Asymmetry and Branching Fraction of $B^0 \rightarrow \rho^0 K^0$,” Phys. Rev. Lett. **98**, 051803 (2007).
534. B. Aubert *et al.*, “Search for Lepton Flavor Violating Decays $\tau^\pm \rightarrow l^\pm \pi^0$, $l^\pm \eta$, $l^\pm \eta'$,” Phys. Rev. Lett. **98**, 061803 (2007).
535. B. Aubert *et al.*, “Branching Fraction Measurement of $\bar{B}^0 \rightarrow D^{(*)+} \pi^-$ and $B^- \rightarrow D^{(*)0} \pi^-$ and Isospin Analysis of $\bar{B} \rightarrow D^{(*)} \pi$ Decays,” Phys. Rev. D **75**, 031101 (2007).
536. B. Aubert *et al.*, “Search for the Reactions $e^+e^- \rightarrow \mu^+ \tau^-$ and $e^+e^- \rightarrow e^+ \tau^-$,” Phys. Rev. D **75**, 031103 (2007).
537. B. Aubert *et al.*, “Observation of Decays $B^0 \rightarrow D_s^{(*)+} \pi^-$ and $B^0 \rightarrow D_s^{(*)-} K^+$,” Phys. Rev. Lett. **98**, 081801 (2007).
538. B. Aubert *et al.*, “Measurement of the $B^0 \rightarrow \pi^- l^+ \nu$ Form-Factor Shape and Branching Fraction and Determination of $|V_{ub}|$ with a Loose Neutrino Reconstruction Technique,” Phys. Rev. Lett. **98**, 091801 (2007).
539. B. Aubert *et al.*, “Evidence for $B^0 \rightarrow \rho^0 \rho^0$ Decay and Implications for the Cabibbo-Kobayashi-Maskawa Angle α ,” Phys. Rev. Lett. **98**, 111801 (2007).
540. B. Aubert *et al.*, “Measurement of B Decays to $\phi K \gamma$,” Phys. Rev. D **75**, 051102 (2007).
541. B. Aubert *et al.*, “Measurements of Λ_c^+ Branching Fractions of Cabibbo-Suppressed Decay Modes involving Λ and Σ^0 ,” Phys. Rev. D **75**, 052002 (2007).
542. B. Aubert *et al.*, “Measurement of the Pseudoscalar Decay Constant f_{D_s} using Charm-Tagged Events in e^+e^- Collisions at $\sqrt{s} = 10.58$ GeV,” Phys. Rev. Lett. **98**, 141801 (2007).

543. B. Aubert *et al.*, “Branching Fraction Measurements of $B^+ \rightarrow \rho^+\gamma$, $B^0 \rightarrow \rho^0\gamma$, and $B^0 \rightarrow \omega\gamma$,” Phys. Rev. Lett. **98**, 151802 (2007).
544. B. Aubert *et al.*, “Study of Inclusive B^- and $\bar{B}^0$ Decays to Flavor-Tagged D , D_s , and Λ_c^+ ,” Phys. Rev. D **75**, 072002 (2007).
545. B. Aubert *et al.*, “Evidence for the Rare Decay $B^+ \rightarrow D_s^+\pi^0$,” Phys. Rev. Lett. **98**, 171801 (2007).
546. B. Aubert *et al.*, “Measurements of CP -Violating Asymmetries in $B^0 \rightarrow a_1^\pm(1260)\pi^\mp$ Decays,” Phys. Rev. Lett. **98**, 181803 (2007).
547. B. Aubert *et al.*, “Evidence for $D^0 - \bar{D}^0$ Mixing,” Phys. Rev. Lett. **98**, 211802 (2007).
548. B. Aubert *et al.*, “Evidence of a Broad Structure at an Invariant Mass of 4.32 GeV/ c^2 in the Reaction $e^+e^- \rightarrow \pi^+\pi^-\psi(2S)$ Measured at BaBar,” Phys. Rev. Lett. **98**, 212001 (2007).
549. B. Aubert *et al.*, “Measurement of the $B^\pm \rightarrow \rho^\pm\pi^0$ Branching Fraction and Direct CP Asymmetry,” Phys. Rev. D **75**, 091103 (2007).
550. B. Aubert *et al.*, “Search for Neutral B -meson Decays to $a_0\pi$, a_0K , $\eta\rho^0$, and ηf_0 ,” Phys. Rev. D **75**, 111102 (2007).
551. B. Aubert *et al.*, “Amplitude Analysis of the Decay $D^0 \rightarrow K^-K^+\pi^0$,” Phys. Rev. D **76**, 011102 (2007).
552. B. Aubert *et al.*, “Observation of $B^+ \rightarrow \rho^+K^0$ and Measurement of its Branching Fraction and Charge Asymmetry,” Phys. Rev. D **76**, 011103 (2007).
553. B. Aubert *et al.*, “Observation of CP Violation in $B^0 \rightarrow K^+\pi^-$ and $B^0 \rightarrow \pi^+\pi^-$,” Phys. Rev. Lett. **99**, 021603 (2007).
554. B. Aubert *et al.*, “Measurement of CP -Violating Asymmetries in $B^0 \rightarrow (\rho\pi)^0$ using a Time-Dependent Dalitz Plot Analysis,” Phys. Rev. D **76**, 012004 (2007).
555. B. Aubert *et al.*, “Search for the Rare Decay $B \rightarrow \pi l^+l^-$,” Phys. Rev. Lett. **99**, 051801 (2007).
556. B. Aubert *et al.*, “ $e^+e^- \rightarrow K^+K^-\pi^+\pi^-$, $K^+K^-\pi^0\pi^0$ and $K^+K^-K^+K^-$ Cross Sections Measured with Initial-State Radiation,” Phys. Rev. D **76**, 012008 (2007).
557. B. Aubert *et al.*, “Search for $D^0 - \bar{D}^0$ Mixing using Doubly Flavor Tagged Semileptonic Decay Modes,” Phys. Rev. D **76**, 014018 (2007).
558. B. Aubert *et al.*, “Production and Decay of Ω_c^0 ,” Phys. Rev. Lett. **99**, 062001 (2007).

559. B. Aubert *et al.*, “Branching Fraction and Charge Asymmetry Measurements in $B \rightarrow J/\psi\pi\pi$ Decays,” Phys. Rev. D **76**, 031101 (2007).
560. B. Aubert *et al.*, “Measurement of Decay Amplitudes of $B \rightarrow J/\psi K^*$, $\psi(2S)K^*$, and $\chi_{c1}K^*$ with an Angular Analysis,” Phys. Rev. D **76**, 031102 (2007).
561. B. Aubert *et al.*, “Measurement of the Time-Dependent CP Asymmetry in $B^0 \rightarrow D_{CP}^{(*)}h^0$ Decays,” Phys. Rev. Lett. **99**, 081801 (2007).
562. B. Aubert *et al.*, “Measurement of the Relative Branching Fractions of $\bar{B} \rightarrow D/D^*/D^{**}l^-\bar{\nu}_l$ Decays in Events with a Fully Reconstructed B Meson,” Phys. Rev. D **76**, 051101 (2007).
563. B. Aubert *et al.*, “Search for $B^0 \rightarrow \phi(K^+\pi^-)$ Decays with Large $K^+\pi^-$ Invariant Mass,” Phys. Rev. D **76**, 051103 (2007).
564. B. Aubert *et al.*, “Measurement of the Hadronic Form Factor in $D^0 \rightarrow K^-e^+\nu_e$ Decays,” Phys. Rev. D **6**, 052005 (2007).
565. B. Aubert *et al.*, “Study of $B^0 \rightarrow \rho^+\rho^-$ Decays and Constraints on the CKM Angle α ,” Phys. Rev. D **76**, 052007 (2007).
566. B. Aubert *et al.*, “Measurement of CP Asymmetry in $B^0 \rightarrow K_S^0\pi^0\pi^0$ Decays,” Phys. Rev. D **76**, 071101 (2007).
567. B. Aubert *et al.*, “Improved Measurement of CP Violation in Neutral B Decays to $c\bar{c}s$,” Phys. Rev. Lett. **99**, 171803 (2007).
568. B. Aubert *et al.*, “Search for the Decay $B^+ \rightarrow \bar{K}^{*0}(892)K^+$,” Phys. Rev. D **76**, 071103 (2007).
569. B. Aubert *et al.*, “Measurement of CP Asymmetries in $B^0 \rightarrow K_S^0K_S^0K_S^0$ Decays,” Phys. Rev. D **76**, 091101 (2007).
570. B. Aubert *et al.*, “Measurement of CP Violation Parameters with a Dalitz Plot Analysis of $B^\pm \rightarrow D_{\pi^+\pi^-\pi^0}K^\pm$,” Phys. Rev. Lett. **99**, 251801 (2007).
571. B. Aubert *et al.*, “Study of the Exclusive Initial-State-Radiation Production of the $D\bar{D}$ System,” Phys. Rev. D **76**, 111105 (2007).
572. B. Aubert *et al.*, “Exclusive Branching-Fraction Measurements of Semileptonic τ Decays into Three Charged Hadrons, into $\phi\pi^-\nu_\tau$, and into $\phi K^-\nu_\tau$,” Phys. Rev. Lett. **100**, 011801 (2008).
573. B. Aubert *et al.*, “Measurement of the Absolute Branching Fraction of $D^0 \rightarrow K^-\pi^+$,” Phys. Rev. Lett. **100**, 051802 (2008).

- 574. B. Aubert *et al.*, “Determination of the Form Factors for the Decay $B^0 \rightarrow D^{*-} l^+ \nu_l$ and of the CKM Matrix Element $|V_{cb}|$,” Phys. Rev. D **77**, 032002 (2008).
- 575. G. Aad *et al.*, “ATLAS pixel Detector Electronics and Sensors”, J. Instrum. **3**, P07007 (2008).
- 576. G. Aad *et al.*, “The ATLAS Experiment at the CERN Large Hadron Collider”, J. Instrum. **3**, S08003 (2008).
- 577. A. Ahmad *et al.*, “Alignment of the Pixel and SCT Modules for the 2004 ATLAS Combined Test Beam”, J. Instrum. **3**, P09004 (2008).