

PUBLICATIONS
HAROLD G. EVANS

1. “Search for Techniparticles Decaying into e+jets at DØ”,
The DØ Collaboration, V. M. Abazov *et al.*
submitted to Phys. Rev. **D**, (2006)
Fermilab-Pub-06/450-E; hep-ex/0612013.
2. “Search for single production of scalar leptoquarks decaying into muons and quarks”,
The DØ Collaboration, V. M. Abazov *et al.*
submitted to Phys. Lett. **B**, (2006)
Fermilab-Pub-06/455-E; hep-ex/0612012.
3. “Measurement of the $t\bar{t}$ Cross Section in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV”,
The DØ Collaboration, V. M. Abazov *et al.*
accepted by Phys. Rev. **D**, (2006)
Fermilab-Pub-06/386-E; hep-ex/0611002.
4. “Search for the Pair Production of Scalar Top Quarks in the Acoplanar Charm Jet Final
State in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV”,
The DØ Collaboration, V. M. Abazov *et al.*
accepted by Phys. Lett. **B**, (2006)
Fermilab-Pub-06/396-E; hep-ex/0611003.
5. “Measurement of the top quark mass in the dilepton channel”,
The DØ Collaboration, V. M. Abazov *et al.*
submitted to Phys. Rev. Lett. , (2006)
Fermilab-Pub-06/354-E; hep-ex/0609056.
6. “Measurement of the top quark mass in the lepton+jets final state with the matrix element
method”,
The DØ Collaboration, V. M. Abazov *et al.*
accepted by Phys. Rev. **D**, (2006)
Fermilab-Pub-06/353-E; hep-ex/0609053.
7. “Measurement of the W Boson Helicity in Top Quark decay at DØ”,
The DØ Collaboration, V. M. Abazov *et al.*
submitted to Phys. Rev. Lett. , (2006)
Fermilab-Pub-06/345-E; hep-ex/0609045.
8. “Measurement of B_d Mixing Using Opposite-side Flavor Tagging”,
The DØ Collaboration, V. M. Abazov *et al.*
Phys. Rev. **D74**, 112002 (2006)
Fermilab-Pub-06/341-E; hep-ex/0609034.

9. “Measurement of the CP-violating parameter of B^0 mixing and decay in the $p\bar{p} \rightarrow \mu\mu + X$ data”,
The DØ Collaboration, V. M. Abazov *et al.*
Phys. Rev. **D74**, 092001 (2006)
Fermilab-Pub-06/327-E; hep-ex/0609014.
10. “Search for scalar leptoquarks in the acoplanar jet topology”,
The DØ Collaboration, V. M. Abazov *et al.*
Phys. Lett. **B640**, 233 (2006)
Fermilab-Pub-06/233-E; hep-ex/0607009.
11. “Search for the standard model higgs boson in the $p\bar{p} \rightarrow ZH \rightarrow \nu\bar{\nu}b\bar{b}$ channel”,
The DØ Collaboration, V. M. Abazov *et al.*
Phys. Rev. Lett. **97**, 161803 (2006)
Fermilab-Pub-06/238-E; hep-ex/0607022.
12. “Measurement of the ratios of the $Z/\gamma^* + \geq n$ jet production cross sections to the total inclusive Z/γ^* cross section in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”,
The DØ Collaboration, V. M. Abazov *et al.*
submitted to Phys. Rev. Lett. , (2006)
Fermilab-Pub-06/283-E; hep-ex/0608052.
13. “First determination of the electric charge of the top quark”,
The DØ Collaboration, V. M. Abazov *et al.*
accepted by Phys. Rev. Lett. , (2006)
Fermilab-Pub-06/278-E; hep-ex/0608044.
14. “Limits on anomalous trilinear gauge couplings from $WW \rightarrow ee$, $WW \rightarrow e\mu$, and $WW \rightarrow \mu\mu$ events from $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”,
The DØ Collaboration, V. M. Abazov *et al.*
Phys. Rev. (Brief Rep.) **D74**, 057101 (2006)
Fermilab-Pub-06/268-E; hep-ex/0608011.
15. “Search for Pair Production of Scalar Bottom Quarks in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV”,
The DØ Collaboration, V. M. Abazov *et al.*
Phys. Rev. Lett. **97**, 171806 (2006)
Fermilab-Pub-06/269-E; hep-ex/0608013.
16. “Search for the W' Decay in the top quark channel”,
The DØ Collaboration, V. M. Abazov *et al.*
Phys. Lett. **B641**, 423 (2006)
Fermilab-Pub-06/257-E; hep-ex/0607102.
17. “Search for associated Higgs boson production $WH \rightarrow WWW^* \rightarrow \ell^\pm\nu\ell'^\pm\nu' + X$ in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”,
The DØ Collaboration, V. M. Abazov *et al.*
Phys. Rev. Lett. **97**, 151804 (2006)
Fermilab-Pub-06/246-E; hep-ex/0607032.

18. “Search for Neutral Long Lived Particles Decaying to Two Muons in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV”,
The DØ Collaboration, V. M. Abazov *et al.*
Phys. Rev. Lett. **97**, 161802 (2006)
Fermilab-Pub-06/245-E; hep-ex/0607028.
19. “Search for a Heavy Resonance Decaying into a Z +jet Final State in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV using the DØ Detector”,
The DØ Collaboration, V. M. Abazov *et al.*
Phys. Rev. (Rapid Comm.) **D74**, 100104 (2006)
Fermilab-Pub-06/167-E; hep-ex/0606018.
20. “Search for Resonant 2nd Generation Slepton Production at the Tevatron”
The DØ Collaboration, V. M. Abazov *et al.*
Phys. Rev. Lett. **97**, 111801 (2006)
Fermilab-Pub-06/094-E; hep-ex/0605010.
21. “Measurement of the B_s^0 Lifetime Using Semileptonic Decays”,
The DØ Collaboration, V. M. Abazov *et al.*
Phys. Rev. Lett. **97**, 241801 (2006)
Fermilab-Pub-06/085-E; hep-ex/0604046.
22. “Search for Neutral Higgs Bosons Decaying to tau pairs in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV”,
The DØ Collaboration, V. M. Abazov *et al.*
Phys. Rev. Lett. **97**, 121802 (2006)
Fermilab-Pub-06/092-E; hep-ex/0605009.
23. “Search for R-parity Violating Supersymmetry via the LLE Couplings Λ_{121} , Λ_{122} , or Λ_{133} in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV”,
The DØ Collaboration, V. M. Abazov *et al.*
Phys. Lett. **B638**, 441 (2006)
Fermilab-Pub-06/089-E; hep-ex/0605005.
24. “Search for Particles Decaying to a Z Boson and a Photon in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV”,
The DØ Collaboration, V. M. Abazov *et al.*
Phys. Lett. **B641**, 415 (2006)
Fermilab-Pub-06/109-E; hep-ex/0605064.
25. “Search for Excited Muons in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV”,
The DØ Collaboration, V. M. Abazov *et al.*
Phys. Rev. (Rapid Comm.) **D73**, 111102 (2006)
Fermilab-Pub-06/081-E; hep-ex/0604040.
26. “Search for Squarks and Gluinos in Events with Jets and Missing Transverse Energy in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV”,
The DØ Collaboration, V. M. Abazov *et al.*
Phys. Lett. **B638**, 119 (2006)
Fermilab-Pub-06/077-E; hep-ex/0604029.

27. “Multivariate searches for single top quark production with the DØ detector”,
The DØ Collaboration, V. M. Abazov *et al.*
submitted to Phys. Rev. **D**, (2006)
Fermilab-Pub-06/069-E; hep-ex/06040020.
28. “Search for the Rare Decay $B0_s \rightarrow \phi\mu^+\mu^-$ with the DØ Detector”,
The DØ Collaboration, V. M. Abazov *et al.*
Phys. Rev. (Rapid Comm.) **D74**, 031107 (2006)
Fermilab-Pub-06/073-E; hep-ex/0604015.
29. “Measurement of $B(t \rightarrow bW)/B(t \rightarrow qW)$ at $\sqrt{s} = 1.96$ TeV”,
The DØ Collaboration, V. M. Abazov *et al.*
Phys. Lett. **B639**, 616 (2006)
Fermilab-Pub-06/037-E; hep-ex/0603002.
30. “Direct Limits on the B_s^0 Oscillation Frequency”,
The DØ Collaboration, V. M. Abazov *et al.*
Phys. Rev. Lett. **97**, 021802 (2006)
Fermilab-Pub-06/055-E; hep-ex/0603029.
31. “Search for Pair Production of Second Generation Leptoquarks in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV”,
The DØ Collaboration, V. M. Abazov *et al.*
Phys. Lett. **B636**, 183 (2006)
Fermilab-Pub-05/017-E; hep-ex/0601047.
32. “Measurement of the isolated photon cross section in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV”,
The DØ Collaboration, V. M. Abazov *et al.*
Phys. Lett. **B639**, 151 (2006)
Fermilab-Pub-05/523-E; hep-ex/0511054.
33. “Search for the Higgs Boson in $H \rightarrow WW^{(*)}$ Decays in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV”,
The DØ Collaboration, V. M. Abazov *et al.*
Phys. Rev. Lett. **96**, 011801 (2006)
Fermilab-Pub-05/377-E; hep-ex/0508054.
34. “The Upgraded DØ Detector”,
The DØ Collaboration, V. M. Abazov *et al.*
Nucl. Instrum. and Methods **A565**, 463 (2006)
Fermilab-Pub-05/341-E; physics/0507191.
35. “Measurement of the lifetime difference in the B_s system”,
The DØ Collaboration, V. M. Abazov *et al.*
Phys. Rev. Lett. **95**, 171801 (2005)
Fermilab-Pub-05/324-E; hep-ex/0507084.

36. “Measurement of semileptonic branching fractions of B mesons to narrow D^{**} states”,
The DØ Collaboration, V. M. Abazov *et al.*
Phys. Rev. Lett. **95**, 171803 (2005)
Fermilab-Pub-05/313-E; hep-ex/0507046.
37. “Search for large extra spatial dimensions in dimuon production at DØ”,
The DØ Collaboration, V. M. Abazov *et al.*
Phys. Rev. Lett. **95**, 161602 (2005)
Fermilab-Pub-05/250-E; hep-ex/0506063.
38. “Measurement of the $t\bar{t}$ production cross section in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV in dilepton final states”,
The DØ Collaboration, V. M. Abazov *et al.*
Phys. Lett. **B626**, 55 (2005)
Fermilab-Pub-05/217-E; hep-ex/0505082.
39. “Search for single top quark production in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”,
The DØ Collaboration, V. M. Abazov *et al.*
Phys. Lett. **B622**, 265 (2005)
Fermilab-Pub-05/207-E; hep-ex/0505063.
40. “Search for right-handed W bosons in top quark decay”,
The DØ Collaboration, V. M. Abazov *et al.*
Phys. Rev. (Rapid Comm.) **D72**, 011104(R) (2005)
Fermilab-Pub-05/187-E; hep-ex/0505031.
41. “Search for Randall-Sundrum Gravitons in Dilepton and Diphoton Final States”,
The DØ Collaboration, V. M. Abazov *et al.*
Phys. Rev. Lett. **95**, 091801 (2005)
Fermilab-Pub-05/126-E; hep-ex/0505018.
42. “Search for supersymmetry via associated production of charginos and neutralinos using trilepton final states”,
The DØ Collaboration, V. M. Abazov *et al.*
Phys. Rev. Lett. **95**, 151805 (2005)
Fermilab-Pub-05/075-E; hep-ex/0504032.
43. “Measurement of the $t\bar{t}$ cross section in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV using lepton plus jets events with lifetime b-tagging”,
The DØ Collaboration, V. M. Abazov *et al.*
Phys. Lett. **B626**, 35 (2005)
Fermilab-Pub-05/087-E; hep-ex/0504058.
44. “Measurement of the $t\bar{t}$ cross section in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV using kinematic characteristics of lepton plus jet events”,
The DØ Collaboration, V. M. Abazov *et al.*
Phys. Lett. **B626**, 45 (2005)
Fermilab-Pub-05/079-E; hep-ex/0504043.

45. “Search for neutral supersymmetric Higgs boson in multijet events at $\sqrt{s} = 1.96$ TeV”,
The DØ Collaboration, V. M. Abazov *et al.*
Phys. Rev. Lett. **95**, 151801 (2005)
Fermilab-Pub-05/058-E; hep-ex/0504018.
46. “Production of WZ Events in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV and Limits on Anomalous WWZ Couplings”,
The DØ Collaboration, V. M. Abazov *et al.*
Phys. Rev. Lett. **95**, 141802 (2005)
Fermilab-Pub-05/061-E; hep-ex/0504019.
47. “Measurement of the $p\bar{p} \rightarrow W\gamma + X$ Cross section and Limits on Anomalous $WW\gamma$ Couplings at $\sqrt{s} = 1.96$ TeV”,
The DØ Collaboration, V. M. Abazov *et al.*
Phys. Rev. (Rapid Comm.) **D71**, 091108 (2005)
Fermilab-Pub-05/046-E; hep-ex/0503048.
48. “Measurement of inclusive differential cross sections for $\Upsilon(1S)$ production in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”,
The DØ Collaboration, V. M. Abazov *et al.*
Phys. Rev. Lett. **94**, 232001 (2005)
Fermilab-Pub-05/020-E; hep-ex/0502030.
49. “Study of $Z\gamma$ events and limits on anomalous $ZZ\gamma$ and $Z\gamma\gamma$ couplings in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”,
The DØ Collaboration, V. M. Abazov *et al.*
Phys. Rev. Lett. **95**, 151802 (2005)
Fermilab-Pub-05/023-E; hep-ex/0502036.
50. “Search for first-generation scalar leptoquarks in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”,
The DØ Collaboration, V. M. Abazov *et al.*
Phys. Rev. (Rapid Comm.) **D71**, 071104(R) (2005)
Fermilab-Pub-04/389-E; hep-ex/0412029.
51. “First measurement of $\sigma(p\bar{p} \rightarrow Z) \times \text{Br}(Z \rightarrow \tau\tau)$ at $\sqrt{s} = 1.96$ TeV”,
The DØ Collaboration, V. M. Abazov *et al.*
Phys. Rev. **D71**, 072004 (2005)
Fermilab-Pub-04/381-E; hep-ex/0412020.
52. “A search for anomalous heavy-flavor quark production in association with W bosons”,
The DØ Collaboration, V. M. Abazov *et al.*
Phys. Rev. Lett. **94**, 152002 (2005)
Fermilab-Pub-04/359-E; hep-ex/0411084.
53. “A Measurement of the Ratio of Inclusive Cross Sections $p\bar{p} \rightarrow Zb/p\bar{p} \rightarrow Zj$ at $\sqrt{s} = 1.96$ TeV”,
The DØ Collaboration, V. M. Abazov *et al.*
Phys. Rev. Lett. **94**, 161801 (2005)
Fermilab-Pub-04/297-E; hep-ex/0410078.

54. “Measurement of the Top Quark Mass in Alljets Events”,
The DØ Collaboration, V. M. Abazov *et al.*
Phys. Lett. **B606**, 25 (2005)
Fermilab-Pub-04/305-E; hep-ex/0410086.
55. “Measurement of the WW Production Cross Section in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV”,
The DØ Collaboration, V. M. Abazov *et al.*
Phys. Rev. Lett. **94**, 151801 (2005)
Fermilab-Pub-04/293-E; hep-ex/0410066.
56. “A Search for $Wb\bar{b}$ and WH Production in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV”,
The DØ Collaboration, V. M. Abazov *et al.*
Phys. Rev. Lett. **94**, 091802 (2005)
Fermilab-Pub-04/288-E; hep-ex/0410062.
57. “Measurement of the Λ_b Lifetime in the Decay $\Lambda_b \rightarrow J/\psi\Lambda$ with the DØ Detector”,
The DØ Collaboration, V. M. Abazov *et al.*
Phys. Rev. Lett. **94**, 102001 (2005)
Fermilab-Pub-04/286-E; hep-ex/0410054.
58. “Measurement of the Ratio of B^+ and B_0 Lifetimes”,
The DØ Collaboration, V. M. Abazov *et al.*
Phys. Rev. Lett. **94**, 182001 (2005)
Fermilab-Pub-04/284-E; hep-ex/0410052.
59. “A Search for the Flavor-Changing Neutral Current Decay $B_s^0 \rightarrow \mu^+\mu^-$ in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV”,
The DØ Collaboration, V. M. Abazov *et al.*
Phys. Rev. Lett. **94**, 071802 (2005)
Fermilab-Pub-04/215-E; hep-ex/0410039.
60. “Measurement of the B_s^0 Lifetime in the Exclusive Decay Channel $B_s^0 \rightarrow J/\psi\phi$ ”,
The DØ Collaboration, V. M. Abazov *et al.*
Phys. Rev. Lett. **94**, 042001 (2005)
Fermilab-Pub-04/225-E; hep-ex/0409043.
61. “Combination of CDF and DØ results on W boson mass and width”,
The DØ Collaboration, V. M. Abazov *et al.*
Phys. Rev. **D70**, 092008 (2004); hep-ex/0311039.
62. “Measurement of Dijet Azimuthal Decorrelations at Central Rapidities in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV”,
The DØ Collaboration, V. M. Abazov *et al.*
Phys. Rev. Lett. **94**, 221801 (2005)
Fermilab-Pub-04/217-E; hep-ex/0409040.

63. “Search for Supersymmetry with Gauge-Mediated Breaking in Diphoton Events at $D\bar{O}$ ”,
The $D\bar{O}$ Collaboration, V. M. Abazov *et al.*
Phys. Rev. Lett. **94**, 041801 (2005)
Fermilab-Pub-04/198-E; hep-ex/0408146.
64. “Helicity of the W Boson in Lepton + Jets $t\bar{t}$ Events”
The $D\bar{O}$ Collaboration, V. M. Abazov *et al.*
Phys. Lett. **B617**, 1 (2005)
Fermilab-Pub-04/057-E; hep-ex/0404040.
65. “Observation and Properties of the $X(3872)$ Decaying to $J/\psi\pi^+\pi^-$ in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV”,
The $D\bar{O}$ Collaboration, V. M. Abazov *et al.*
Phys. Rev. Lett. **93**, 162002 (2004)
Fermilab-Pub-04/061-E; hep-ex/0405004.
66. “Search for Pair Production of Light Scalar Top Quarks in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV”,
The $D\bar{O}$ Collaboration, V. M. Abazov *et al.*
Phys. Rev. Lett. **93**, 011801 (2004)
hep-ex/0308033.
67. “Search for Doubly-charged Higgs Boson Production in the Decay $H^{++}H^{--} \rightarrow \mu^+\mu^+\mu^-\mu^-$
with the $D\bar{O}$ Detector at $\sqrt{s} = 1.96$ TeV”,
The $D\bar{O}$ Collaboration, V. M. Abazov *et al.*
Phys. Rev. Lett. **93**, 141801 (2004)
Fermilab-Pub-04/045-E; hep-ex/0404015.
68. “Improved Measurement of the Top Quark Mass”,
The $D\bar{O}$ Collaboration, V. M. Abazov *et al.*
Nature **429**, 638 (2004)
Fermilab-Pub-04/083-E; hep-ex/0406031.
69. “Algorithms and Architecture for the L1 Calorimeter Trigger at $D\bar{O}$ RunIIb”
J. Bystricky *et al.*
IEEE Trans. on Nucl. Sci. **51**, 351 (2004).
70. “The RunIIb Trigger Upgrade for the $D\bar{O}$ Experiment”
M. Abolins *et al.*
IEEE Trans. on Nucl. Sci. **51**, 340 (2004).
71. “Search for New Particles in the Two-Jet Decay Channel with the $D\bar{O}$ Detector”,
The $D\bar{O}$ Collaboration, V. M. Abazov *et al.*
Phys. Rev. (Rapid Comm.) **D69**, 111101 (2004)
hep-ex/0308033.

72. “Search for 3- and 4-Body Decays of the Scalar Top Quark in Proton- Antiproton Collisions at $\sqrt{s} = 1.8$ TeV”,
The DØ Collaboration, V. M. Abazov *et al.*
Phys. Lett. **B581**, 144 (2004)
Fermilab-Pub-03/306-E.
73. “Observation of diffractively produced W and Z bosons in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV”,
The DØ Collaboration, V. M. Abazov, *et al.*
Phys. Lett. **B574**, 169 (2003)
Fermilab-Pub-03/233-E; hep-ex/0308032.
74. “Search for Narrow $t\bar{t}$ Resonances in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV”,
The DØ Collaboration, V. M. Abazov *et al.*
Phys. Rev. Lett. **92**, 221801 (2004).
hep-ex/0307079.
75. “Search for large extra dimensions in the monojet + \cancel{E}_T channel with the DØ detector”,
The DØ Collaboration, V. M. Abazov *et al.*
Phys. Rev. Lett. **90**, 251802 (2003).
hep-ex/0302014.
76. “Multiple jet production at low transverse energies in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV”,
The DØ Collaboration, V. M. Abazov *et al.*
to Phys. Rev. **D67**, 052001 (2003).
Fermilab-Pub-02/153-E; hep-ex/0207046.
77. “ $t\bar{t}$ production cross section in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV”,
The DØ Collaboration, V. M. Abazov *et al.*
Phys. Rev. **D67**, 012004 (2003).
hep-ex/0205019.
78. “Search for Production of Single Sleptons Through R-Parity Violation in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV”,
The DØ Collaboration, V. M. Abazov *et al.*
Phys. Rev. Lett. **89**, 261801 (2002).
hep-ex/0207100.
79. “Search for mSUGRA in single electron events with jets and large missing transverse energy in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV”
The DØ Collaboration, V. M. Abazov *et al.*
Phys. Rev. **D66**, 112001 (2002).
Fermilab-Pub-02/074-E; hep-ex/0205002.
80. “Improved W boson mass measurement with the DØ detector”
The DØ Collaboration, V. M. Abazov *et al.*
Phys. Rev. **D66**, 012001 (2002).
Fermilab-Pub-02/055-E; hep-ex/0204014.

81. “A direct measurement of the W boson width”
The DØ Collaboration, V. M. Abazov *et al.*
Phys. Rev. **D66**, 032008 (2002).
Fermilab-Pub-02/063-E; hep-ex/0204009.
82. “Search for Leptoquark Pairs Decaying to $\nu\nu +$ jets in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV ”
The DØ Collaboration, V. M. Abazov *et al.*
Phys. Rev. Lett. **88**, 191801 (2002).
Fermilab-Pub-01/349-E; hep-ex/0111047.
83. “Search for R-parity Violating Supersymmetry in Dimuon and Four-Jets Channel”
The DØ Collaboration, V. M. Abazov *et al.*
Phys. Rev. Lett. **89**, 171801 (2002).
Fermilab-Pub-01/352-E; hep-ex/0111053.
84. “The inclusive jet cross section in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV using the k_T algorithm”
The DØ Collaboration, V. M. Abazov *et al.*
Phys. Lett. **B525**, 211 (2002).
Fermilab-Pub-01/290-E; hep-ex/019041.
85. “Subjet multiplicity of gluon and quark jets reconstructed using the k_T algorithm in $p\bar{p}$ collisions”
The DØ Collaboration, V. M. Abazov *et al.*
Phys. Rev. **D65**, 052008 (2002).
Fermilab-Pub-01/248-E; hep-ex/010854.
86. “The ratio of isolated photon cross sections in $p\bar{p}$ collisions at $\sqrt{s} = 630$ and 1800 GeV”
The DØ Collaboration, V. M. Abazov *et al.*
Phys. Rev. Lett. **87**, 251805 (2001).
Fermilab-Pub-01/239-E; hep-ex/0106026.
87. “A search for the scalar top quark in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV”
The DØ Collaboration, V. M. Abazov *et al.*
Phys. Rev. Lett. **88**, 171802 (2002).
Fermilab-Pub-01/233-E; hep-ex/0108018.
88. “Measurement of the ratio of differential cross sections for W and Z boson production as a function of transverse momentum”
The DØ Collaboration, V. M. Abazov *et al.*
Phys. Lett. **B517**, 299 (2001).
Fermilab-Pub-01/212-E; hep-ex/0107102.
89. “Search for Single Top Production at DØ Using Neural Networks”
The DØ Collaboration, V. M. Abazov *et al.*
Phys. Lett. **B517**, 282 (2001).
Fermilab-Pub-01/102-E; hep-ex/0106059.

90. “Search for New Physics Using QUAERO: A General Interface to DØ Data”
The DØ Collaboration, V. M. Abazov *et al.*
Phys. Rev. Lett. **87**, 012004 (2001)
Fermilab-Pub-01/105-E; hep-ex/0106039.
91. “Search for First-Generation Scalar and Vector Leptoquarks”
The DØ Collaboration, V. M. Abazov *et al.*
Phys. Rev. **D64**, 092004 (2001).
Fermilab-Pub-01/057-E; hep-ex/0105072.
92. “Direct Search for Charged Higgs Bosons in Decays of Top Quarks”
The DØ Collaboration, V. M. Abazov *et al.*
Phys. Rev. Lett. **88**, 151803 (2002).
Fermilab-Pub-01/022-E; hep-ex/0102039.
93. “Search for Heavy Particles Decaying into Electron-Positron Pairs in $p\bar{p}$ Collisions”
The DØ Collaboration, V. M. Abazov *et al.*
Phys. Rev. Lett. **87**, 061802 (2001)
Fermilab-Pub-01/024-E; hep-ex/0102048.
94. “High- p_T Jets in $p\bar{p}$ Collisions at $\sqrt{s} = 630$ and 1800 GeV”,
The DØ Collaboration, B. Abbott *et al.*
Phys. Rev. **D64**, 032003 (2001).
Fermilab-Pub-00/216-E; hep-ex/0012046.
95. “A Quasi-Model Independent Search for New Physics at Large Transverse Momentum”,
The DØ Collaboration, V. M. Abazov *et al.*
Phys. Rev. **D64**, 012004 (2001).
Fermilab-Pub-00/302-E; hep-ex/0011067.
96. “A Quasi-Model-Independent Search for New High p_T Physics at DØ”,
The DØ Collaboration, B. Abbott *et al.*
Phys. Rev. Lett. **86**, 3712 (2001).
Fermilab-Pub-00/304-E; hep-ex/0011071.
97. “Inclusive jet production in $p\bar{p}$ collisions”,
The DØ Collaboration, B. Abbott *et al.*
Phys. Rev. Lett. **86**, 1707 (2001).
Fermilab-Pub-00/271-E; hep-ex/0011036.
98. “Differential Cross Section for W Boson Production as a function of Transverse Momentum
in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV”,
The DØ Collaboration, B. Abbott *et al.*
Phys. Lett. **B513**, 292 (2001).
Fermilab-Pub-00/268-E; hep-ex/0010026.

99. “Measurement of the Angular Distribution of Electrons from $W \rightarrow e\nu$ Decays Observed in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV”,
The DØ Collaboration, B. Abbott *et al.*
Phys. Rev. **D63**, 072001 (2001).
Fermilab-Pub-00/228-E; hep-ex/0009034.
100. “Ratios of Multijet Collisions in $p\bar{p}$ Collisions at $\sqrt{s}=1800$ GeV”,
The DØ Collaboration, B. Abbott *et al.*
Phys. Rev. Lett. **86**, 1955 (2001).
Fermilab-Pub-00/218-E; hep-ex/0009012.
101. “The ratio of jet cross sections at $\sqrt{s}=630$ and 1800 GeV”,
The DØ Collaboration, B. Abbott *et al.*
Phys. Rev. Lett. **86**, 2523 (2001).
Fermilab-Pub-00/213-E; hep-ex/0008072.
102. “Search for Large Extra Dimensions in Dielectron and Diphoton Production”,
The DØ Collaboration, B. Abbott *et al.*
Phys. Rev. Lett. **86**, 1156 (2000).
Fermilab-Pub-00/210-E; hep-ex/0008065.
103. “Cross Section for b jet production in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV”,
The DØ Collaboration, B. Abbott *et al.*
Phys. Rev. Lett. **85**, 5068 (2000).
Fermilab-Pub-00/197-E; hep-ex/0008021.
104. “Search for Electroweak Production of Single Top Quarks in $p\bar{p}$ Collisions”,
The DØ Collaboration, B. Abbott *et al.*
Phys. Rev. (Rapid Comm.) **D63**, 031101 (2000).
Fermilab-Pub-00/188-E; hep-ex/0008024.
105. “Search for New Physics in $e\mu X$ Data at DØ Using Sleuth: A Quasi-Model-Independent Search Strategy for New Physics”,
The DØ Collaboration, B. Abbott *et al.*
Phys. Rev. **D62**, 92004 (2000).
Fermilab-Pub-00/126-E; hep-ex/0006011.
106. “Search for R-parity Violation in Multilepton Final States in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV”,
The DØ Collaboration, B. Abbott *et al.*
Phys. Rev. (Rapid Comm.) **D62**, 071701 (2000).
Fermilab-Pub-00/109-E; hep-ex/0005034.
107. “Spin Correlation in $t\bar{t}$ Production from $p\bar{p}$ Collisions at $\sqrt{s} = 1800$ GeV”
The DØ Collaboration, B. Abbott *et al.*
Phys. Rev. Lett. **85**, 256 (2000).
Fermilab-Pub-00/046-E; hep-ex/0002058.

108. “A Search for Dilepton Signatures from Minimal Low-energy Supergravity in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV”
The DØ Collaboration, B. Abbott *et al.*
Phys. Rev. (Rapid Comm.) **D62**, 031101 (2000).
Fermilab-Pub-00/042-E; hep-ex/9907048v2.
109. “Limits on Quark Compositeness from High Energy Jets in $p\bar{p}$ Collisions at 630 and 1800 GeV”,
The DØ Collaboration, B. Abbott *et al.*
Phys. Rev. (Rapid Comm.) **D62**, 031101 (2000).
Fermilab-Pub-99/357-E; hep-ex/9912023.
110. “Hard Single Diffraction in $p\bar{p}$ Collisions at $\sqrt{s} = 630$ and 1800 GeV”
The DØ Collaboration, B. Abbott *et al.*
Phys. Lett. **B531**, 52 (2002).
Fermilab-Pub-99/375-E; hep-ex/9912061.
111. “A measurement of the $W \rightarrow \tau\nu$ Production Cross Section in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV”
The DØ Collaboration, B. Abbott *et al.*
Phys. Rev. Lett. **84**, 5710 (2000).
Fermilab-Pub-99/373-E; hep-ex/9912065.
112. “Limits on Anomalous $WW\gamma$ and WWZ Couplings from $WW/WZ \rightarrow e\nu jj$ Production”
The DØ Collaboration, B. Abbott *et al.*
Phys. Rev. **D62**, 052005 (2000).
Fermilab-Pub-99/364-E; hep-ex/9912033.
113. “Probing BFKL Dynamics in Dijet Cross Section at Large Rapidity Intervals in $p\bar{p}$ Collisions at $\sqrt{s} = 1800$ and 630 GeV”
The DØ Collaboration, B. Abbott *et al.*
Phys. Rev. Lett. **84**, 5722 (2000).
Fermilab-Pub-99/363-E; hep-ex/9912032.
114. “The isolated photon cross section in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV”
The DØ Collaboration, B. Abbott *et al.*
Phys. Rev. Lett. **84**, 2786 (2000).
Fermilab-Pub-99/354-E; hep-ex/9912017.
115. “Precision Luminosity for Z0 Lineshape Measurements with a Silicon-Tungsten Calorimeter”
The OPAL Collaboration, G. Abbiendi *et al.*
Eur. Phys. J. **C14**, 373 (2000).
CERN-EP-99-136; hep-ex/9910066.
116. “Search for second generation leptoquarks in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV”
The DØ Collaboration, B. Abbott *et al.*
Phys. Rev. Lett. **84**, 2088 (2000).
Fermilab-Pub-99/314-E; hep-ex/9910040.

117. “A measurement of the W boson mass using electrons at large rapidities”
The DØ Collaboration, B. Abbott *et al.*
Phys. Rev. Lett. **84**, 222 (2000).
Fermilab-Pub-99/259-E; hep-ex/9909030.
118. “Differential production cross section of Z bosons as a function of transverse momentum at $\sqrt{s} = 1.8$ TeV”
The DØ Collaboration, B. Abbott *et al.*
Phys. Rev. Lett. **84**, 2792 (2000).
Fermilab-Pub-99/254-E; hep-ex/9909020.
119. “A measurement of the W boson mass using large rapidity electrons”
The DØ Collaboration, B. Abbott *et al.*
Phys. Rev. **D62**, 092006 (2000).
Fermilab-Pub-99/237-E; hep-ex/9908057.
120. “Evidence of color coherence effects in W +jets events from $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV”
The DØ Collaboration, B. Abbott *et al.*
Phys. Lett. **B464**, 145 (1999).
Fermilab-Pub-99/224-E; hep-ex/9908017.
121. “Small angle muon and bottom quark production in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV”
The DØ Collaboration, B. Abbott *et al.*
Phys. Rev. Lett. **84**, 5478 (2000).
Fermilab-Pub-99/202-E; hep-ex/9907029.
122. “Search for R-parity violation supersymmetry in the dielectron channel”
The DØ Collaboration, B. Abbott *et al.*
Phys. Rev. Lett. **83**, 4476 (1999).
Fermilab-Pub-99/200-E; hep-ex/9907019.
123. “Measurement of the inclusive differential cross section for Z bosons as a function of transverse momentum produced in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV”
The DØ Collaboration, B. Abbott *et al.*
Phys. Rev. **D61**, 032004 (2000).
Fermilab-Pub-99/197-E; hep-ex/9907009.
124. “Extraction of the width of the W boson from measurements of $\sigma(p\bar{p} \rightarrow W + X) \times \text{Br}(W \rightarrow e\nu)$ and $\sigma(p\bar{p} \rightarrow Z + X) \times \text{Br}(Z \rightarrow ee)$ and their ratio”
The DØ Collaboration, B. Abbott *et al.*
Phys. Rev. **D61**, 072001 (2000).
Fermilab-Pub-99/171-E; hep-ex/9906025.
125. “The $b\bar{b}$ production cross section and angular correlations in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV”
The DØ Collaboration, B. Abbott *et al.*
Phys. Lett. **B487**, 264 (2000).
Fermilab-Pub-99/144-E; hep-ex/9905024.

126. “Studies of WW and WZ production and limits on anomalous $WW\gamma$ and WWZ Couplings”
The DØ Collaboration, B. Abbott *et al.*
Phys. Rev. **D60**, 072002 (1999).
Fermilab-Pub-99/139-E; hep-ex/9905005.
127. “Hadronic Shower Development in Iron Scintillator Tile Calorimetry”
The ATLAS/Tilecal Collaboration, P.Amaral *et al.*
Nucl. Instrum. and Methods **A443**, 51 (2000).
hep-ex/9904032.
128. “Search for second generation leptoquark pairs decaying into $\mu\nu$ + jets in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV”
The DØ Collaboration, B. Abbott *et al.*
Phys. Rev. Lett. **83**, 2896 (1999).
Fermilab-Pub-99/123-E; hep-ex/9904023.
129. “Measurement of the Semileptonic Branching Ratio of Charm Hadrons produced in $Z^0 \rightarrow c\bar{c}$ Decays”
The OPAL Collaboration, G. Abbiendi *et al.*
Eur. Phys. J. **C8**, 573 (1999)
CERN-EP-98-146; hep-ex/9810016.
130. “Search for Anomalous Photonic Events with Missing Energy in e^+e^- Collisions at $\sqrt{s} = 130$, 136 and 183 GeV”
The OPAL Collaboration, G. Abbiendi *et al.*
Eur. Phys. J. **C8**, 23 (1999)
CERN-EP-98-143; hep-ex/9810021.
131. “A Measurement of R_b using a Double Tagging Method”
The OPAL Collaboration G. Abbiendi *et al.*
Eur. Phys. J. **C8**, 217 (1999) .
CERN-EP-98-137; hep-ex/9810002.
132. “Search for Chargino and Neutralino Production at $\sqrt{s}= 181$ -184 GeV at LEP”
The OPAL Collaboration, G. Abbiendi *et al.*
Eur. Phys. J. **C8**, 225 (1999)
CERN-EP-98-136; hep-ex/9809031.
133. “Measurement of the Average Polarization of b Baryons in Hadronic Z^0 Decay”
The OPAL Collaboration, G. Abbiendi *et al.*
Phys. Lett. **B444**, 539 (1998)
CERN-EP-98-119; hep-ex/9808006.
134. “Search for Acoplanar Lepton Pair Events in e^+e^- Annihilation at $\sqrt{s} = 161$, 172 and 183 GeV”
The OPAL Collaboration, G. Abbiendi *et al.*
Eur. Phys. J. **C12**, 551 (2000)
CERN-EP-98-122; hep-ex/9808036.

135. “Measurement of the Longitudinal Cross-Section using the Direction of the Thrust Axis in Hadronic Events at LEP”
The OPAL Collaboration, G. Abbiendi *et al.*
Phys. Lett. **B440**, 393 (1998)
CERN-EP-98-124; hep-ex/9808035.
136. “First Measurement of Z^0/γ^* Production in Compton Scattering of Quasi-real Photons”
The OPAL Collaboration, G. Abbiendi *et al.*
Phys. Lett. **B438**, 391 (1998)
CERN-EP-98-120; hep-ex/9808030.
137. “A Study of Parton Fragmentation in Hadronic Z^0 Decays Using $\Lambda \bar{\Lambda}$ Correlations”
The OPAL Collaboration, G. Abbiendi *et al.*
Eur. Phys. J. **C13**, 185 (2000)
CERN-EP-98-114; hep-ex/9808031.
138. “Di-Jet Production in Photon-Photon Collisions at $\sqrt{s_{ee}} = 161$ and 172 GeV”
The OPAL Collaboration, G. Abbiendi *et al.*
Eur. Phys. J. **C10**, 547 (1999)
CERN-EP-98-113; hep-ex/9808027.
139. “Search for Scalar Top and Scalar Bottom Quarks at $E_{CM} = 183$ GeV at LEP”
The OPAL Collaboration, K. Ackerstaff *et al.*
Eur. Phys. J. **C6**, 225 (1999)
CERN-EP-98-107; hep-ex/9808026.
140. “Production of χ_{c2} Mesons in Photon-Photon Collisions at LEP”
The OPAL Collaboration, K. Ackerstaff *et al.*
Phys. Lett. **B439**, 197 (1998)
CERN-EP-98-106; hep-ex/9808025.
141. “Tests of the Standard Model and Constraints on New Physics from Measurements of Fermion-pair Production at 183 GeV at LEP”
The OPAL Collaboration, K. Ackerstaff *et al.*
Eur. Phys. J. **C6**, 1 (1999)
CERN-EP-98-108; hep-ex/9808023.
142. “Measurement of the Strong Coupling Constant α_s and the Vector and Axial-Vector Spectral Functions in Hadronic Tau Decays”
The OPAL Collaboration, K. Ackerstaff *et al.*
Eur. Phys. J. **C7**, 571 (1999)
CERN-EP-98-102; hep-ex/9808019.
143. “Measurement of the Michel Parameters in Leptonic Tau Decays”
The OPAL Collaboration, K. Ackerstaff *et al.*
Eur. Phys. J. **C8**, 3 (1999)
CERN-EP-98-104; hep-ex/9808016.

144. “Search for Higgs Bosons and New Particles Decaying into Two Photons at $\sqrt{s} = 183$ GeV”
The OPAL Collaboration, K. Ackerstaff *et al.*
Phys. Lett. **B437**, 218 (1998)
CERN-EP-98-093; hep-ex/9808014.
145. “Multi-photon production in e^+e^- collisions at $\sqrt{s} = 183$ GeV”
The OPAL Collaboration, K. Ackerstaff *et al.*
Phys. Lett. **B438**, 379 (1998)
CERN-EP-98-092; hep-ex/9808012.
146. “Measurement of Tau Branching Ratios to Five Charged Hadrons”
The OPAL Collaboration, K. Ackerstaff *et al.*
Eur. Phys. J. **C8**, 183 (1999)
CERN-EP-98-090; hep-ex/9808011.
147. “Inclusive Production of Charged Hadrons and K_S^0 Mesons in Photon-Photon Collisions”
The OPAL Collaboration, K. Ackerstaff *et al.*
Eur. Phys. J. **C6**, 253 (1999)
CERN-EP-98-091; hep-ex/9808009.
148. “Measurements of Flavour Dependent Fragmentation Functions in $Z^0 \rightarrow q\bar{q}$ Events”
The OPAL Collaboration, K. Ackerstaff *et al.*
Eur. Phys. J. **C7**, 369 (1999)
CERN-EP-98-089; hep-ex/9807004.
149. “Production of K_S^0 and Λ in Quark and Gluon Jets from Z^0 Decay”
The OPAL Collaboration, K. Ackerstaff *et al.*
Eur. Phys. J. **C8**, 241 (1999)
CERN-EP-98-058; hep-ex/9805025.
150. “Search for Stable and Long-lived Massive Charged Particles in e^+e^- Collisions at $\sqrt{s} = 130-183$ GeV”
The OPAL Collaboration, K. Ackerstaff *et al.*
Phys. Lett. **B433**, 195 (1998).
151. “An Upper Limit on the Anomalous Magnetic Moment of the tau lepton”
The OPAL Collaboration, K. Ackerstaff *et al.*
Phys. Lett. **B431**, 188 (1998).
152. “Photon and Light Meson Production in Hadronic Z^0 Decays”
The OPAL Collaboration, K. Ackerstaff *et al.*
Eur. Phys. J. **C5**, 411 (1998).
153. “Investigation of CP Violation in $B^0 \rightarrow J/\psi K_S^0$ Decays at LEP”
The OPAL Collaboration, K. Ackerstaff *et al.*
Eur. Phys. J. **C5**, 379 (1998).
154. “Bose-Einstein Correlations of Three Charged Pions in Hadronic Z^0 Decays”
The OPAL Collaboration, K. Ackerstaff *et al.*
Eur. Phys. J. **C5**, 239 (1998).

155. “An Upper Limit for the tau-neutrino Mass from $\tau \rightarrow 5\pi^\pm \nu_\tau$ Decays”
The OPAL Collaboration, K. Ackerstaff *et al.*
Eur. Phys. J. **C5**, 229 (1998).
156. “A Search for Neutral Higgs Bosons in the MSSM and Models with Two Scalar Field Doublets”
The OPAL Collaboration, K. Ackerstaff *et al.*
Eur. Phys. J. **C5**, 19 (1998).
157. “Determination of the Production Rate of D^{*0} Mesons and of the Ratio $V/(V+P)$ in $Z^0 \rightarrow c\bar{c}$ Decays”
The OPAL Collaboration, K. Ackerstaff *et al.*
Eur. Phys. J. **C5**, 1 (1998).
158. “Search for an Excess in the Production of Four-Jet Events from e^+e^- Collisions at $\sqrt{s} = 130-184$ GeV”
The OPAL Collaboration, K. Ackerstaff *et al.*
Phys. Lett. **B429**, 399 (1998).
159. “Measurement of the one-prong Hadronic tau Branching Ratio at LEP”
The OPAL Collaboration, K. Ackerstaff *et al.*
Eur. Phys. J. **C4**, 193 (1998).
160. “Search for Anomalous Production of Di-lepton Events with Missing Transverse Momentum in e^+e^- Collisions at $\sqrt{s} = 161$ and 172 GeV”
The OPAL Collaboration, K. Ackerstaff *et al.*
Eur. Phys. J. **C4**, 47 (1998).
161. “Production of $f_0(980)$, $f_2(1270)$ and $\phi(1020)$ in Hadronic Z^0 Decay”
The OPAL Collaboration, K. Ackerstaff *et al.*
Eur. Phys. J. **C4**, 19 (1998).
162. “Search for charged Higgs bosons in e^+e^- collisions at $\sqrt{s} = 130-172$ GeV”
The OPAL Collaboration, K. Ackerstaff *et al.*
Phys. Lett. **B426**, 180 (1998).
163. “Measurements of the B_s^0 and Λ_b^0 Lifetimes”
The OPAL Collaboration, K. Ackerstaff *et al.*
Phys. Lett. **B426**, 161 (1998).
164. “Search for the B_c Meson in Hadronic Z^0 Decays”
The OPAL Collaboration, K. Ackerstaff *et al.*
Phys. Lett. **B420**, 157 (1998).
165. “Search for Anomalous Production of Photonic Events with Missing Energy in e^+e^- Collisions at $\sqrt{s} = 130-172$ GeV”
The OPAL Collaboration, K. Ackerstaff *et al.*
Eur. Phys. J. **C2**, 607 (1998).

166. “Measurement of triple Gauge Boson Couplings from W^+W^- Production at $\sqrt{s} = 172$ GeV”
The OPAL Collaboration, K. Ackerstaff *et al.*
Eur. Phys. J. **C2**, 597 (1998).
167. “Tests of the Standard Model and Constraints on New Physics from Measurements of Fermion-pair Production at 130-172 GeV at LEP”
The OPAL Collaboration, K. Ackerstaff *et al.*
Eur. Phys. J. **C2**, 441 (1998).
168. “A Measurement of the B_s^0 Lifetime Using Reconstructed D_s^- Mesons”
The OPAL Collaboration, K. Ackerstaff *et al.*
Eur. Phys. J. **C2**, 407 (1998).
169. “Search for Chargino and Neutralino Production at $\sqrt{s} = 170$ and 172 GeV at LEP”
The OPAL Collaboration, K. Ackerstaff *et al.*
Eur. Phys. J. **C2**, 213 (1998).
170. “Polarization and Forward-Backward Asymmetry of Lambda Baryons in Hadronic Z^0 Decays”
The OPAL Collaboration, K. Ackerstaff *et al.*
Eur. Phys. J. **C2**, 49 (1998).
171. “Measurement of the Quark to Photon Fragmentation Function through the Inclusive Production of Prompt Photons in Hadronic Z^0 Decays”
The OPAL Collaboration, K. Ackerstaff *et al.*
Eur. Phys. J. **C2**, 39 (1998).
172. “Search for Unstable Heavy and Excited Leptons in e^+e^- Collisions at $\sqrt{s} = 170$ -172 GeV”
The OPAL Collaboration, K. Ackerstaff *et al.*
Eur. Phys. J. **C1**, 45 (1998).
173. “Search for a Massive Di-photon Resonance at $\sqrt{s} = 91$ -172 GeV”
The OPAL Collaboration, K. Ackerstaff *et al.*
Eur. Phys. J. **C1**, 31 (1998).
174. “Measurement of the W Boson Mass and W^+W^- Production and Decay Properties in e^+e^- Collisions at $\sqrt{s} = 172$ GeV”
The OPAL Collaboration, K. Ackerstaff *et al.*
Eur. Phys. J. **C1**, 395 (1998).
175. “Search for the Standard Model Higgs Boson in e^+e^- Collisions at $\sqrt{s} = 161$ -172 GeV”
The OPAL Collaboration, K. Ackerstaff *et al.*
Eur. Phys. J. **C1**, 425 (1998).
176. “Multi-photon Final States in e^+e^- Collisions at $\sqrt{s} = 130$ -172 GeV”
The OPAL Collaboration, K. Ackerstaff *et al.*
Eur. Phys. J. **C1**, 21 (1998).
177. “Multiplicity distributions of gluon and quark jets and tests of QCD analytic predictions”
The OPAL Collaboration, K. Ackerstaff *et al.*
Eur. Phys. J. **C1**, 479 (1998).

178. “Measurement of the Photon Structure Function $F_{2\gamma}$ at Low x ”
The OPAL Collaboration, K. Ackerstaff *et al.*
Phys. Lett. **B412**, 225 (1997).
179. “Spin Alignment of Leading $K^{*0}(892)$ Mesons in Hadronic Z^0 Decays”
The OPAL Collaboration, K. Ackerstaff *et al.*
Phys. Lett. **B412**, 210 (1997).
180. “Measurement of $f(c \rightarrow D^* + X)$, $f(b \rightarrow D^* + X)$ and $\Gamma_{c\bar{c}}/\Gamma_{had}$ Using $D^{*\pm}$ Mesons”
The OPAL Collaboration, K. Ackerstaff *et al.*
Eur. Phys. J. **C1**, 439 (1998).
181. “Measurement of the Q^2 Evolution of the Photon Structure Function F_2^γ ”
The OPAL Collaboration, K. Ackerstaff *et al.*
Phys. Lett. **B411**, 387 (1997).
182. “An Updated Study of B Meson Oscillations using Dilepton Events”
The OPAL Collaboration, K. Ackerstaff *et al.*
Z. Phys. **C76**, 417 (1997).
183. “Measurement of the Branching Fractions and Forward-Backward Asymmetries of the Z^0 into Light Quarks”
The OPAL Collaboration, K. Ackerstaff *et al.*
Z. Phys. **C76**, 387 (1997).
184. “An Upper Limit on the Branching Ratio for tau Decays into Seven Charged Particles” The OPAL Collaboration, K. Ackerstaff *et al.*
Phys. Lett. **B404**, 213 (1997).
185. “Search for Scalar Top and Scalar Bottom Quarks at $\sqrt{s}170-172$ GeV in e^+e^- Collisions”
The OPAL Collaboration, K. Ackerstaff *et al.*
Z. Phys. **C75**, 409 (1997).
186. “A Study of B Meson Oscillations Using Hadronic Z^0 Decays Containing Leptons”
The OPAL Collaboration, K. Ackerstaff *et al.*
Z. Phys. **C76**, 401 (1997).
187. “Production of P-Wave Charm and Charm-Strange Mesons in Hadronic Z^0 Decays”
The OPAL Collaboration, K. Ackerstaff *et al.*
Z. Phys. **C76**, 425 (1997).
188. “A Measurement of the Hadronic Decay Current and the ν_τ Helicity in $\tau^- \rightarrow \pi^- \pi^- \pi^+ \nu_\tau$ ”
The OPAL Collaboration, K. Ackerstaff *et al.*
Z. Phys. **C75**, 593 (1997).
189. “QCD Studies with e^+e^- Annihilation Data at 161 GeV”
The OPAL Collaboration, K. Ackerstaff *et al.*
Z. Phys. **C75**, 193 (1997).

190. “Measurements of the b Quark Forward-backward Asymmetry around the Z^0 Peak Using Jet Charge and Vertex Charge”
The OPAL Collaboration, K. Ackerstaff *et al.*
Z. Phys. **C75**, 385 (1997).
191. “Study of the $\phi(1020)$, $D^{*\pm}$ and B^* Spin Alignment in Hadronic Z^0 Decays”
The OPAL Collaboration, K. Ackerstaff *et al.*
Z. Phys. **C74**, 437 (1997).
192. “Measurement of the Triple Gauge Boson Coupling $\alpha_{W\phi}$ from W^+W^- Production in e^+e^- Collisions at $\sqrt{s} = 161$ GeV”
The OPAL Collaboration, K. Ackerstaff *et al.*
Phys. Lett. **B397**, 147 (1997).
193. “ B^* Production in Z^0 Decays”
The OPAL Collaboration, K. Ackerstaff *et al.*
Z. Phys. **C74**, 413 (1997).
194. “Search for CP Violation in $Z^0 \rightarrow \tau^+\tau^-$ and an Upper Limit on the Weak Dipole Moment of the τ Lepton”
The OPAL Collaboration, K. Ackerstaff *et al.*
Z. Phys. **C74**, 403 (1997).
195. “Search for Scalar Leptons Using the OPAL Detector at $\sqrt{s} = 161$ GeV”
The OPAL Collaboration, K. Ackerstaff *et al.*
Phys. Lett. **B396**, 301 (1997).
196. “Response of the ATLAS Tile Calorimeter Prototype to Muons”
The ATLAS Collaboration, Z. Ajaltouni *et al.*
Nucl. Instrum. and Methods **A388**, 64 (1997).
197. “Results from a Combined Test of an Electromagnetic Liquid Argon Calorimeter with a Hadronic Scintillating Tile Calorimeter”
The ATLAS Collaboration, Z. Ajaltouni *et al.*
Nucl. Instrum. and Methods **A387**, 333 (1997).
198. “An Improved Measurement of R_b Using a Double Tagging Method”
The OPAL Collaboration, K. Ackerstaff *et al.*
Z. Phys. **C74**, 1 (1997).
199. “Measurement of the Semileptonic Branching Fraction of Inclusive b Baryon Decays to Λ ”
The OPAL Collaboration, K. Ackerstaff *et al.*
Z. Phys. **C74**, 423 (1997).
200. “A Measurement of V_{cb} using $\overline{B^0} \rightarrow D^{*+} \ell^- \bar{\nu}_\ell$ Decays”
The OPAL Collaboration, K. Ackerstaff *et al.*
Phys. Lett. **B395**, 128 (1997).

201. “Analysis of Hadronic Final States and the Photon Structure Function $F_{2\gamma}$ in Deep Inelastic Electron–Photon Scattering at LEP”
The OPAL Collaboration, K. Ackerstaff *et al.*
Z. Phys. **C74**, 33 (1997).
202. “Measurement of the QED Longitudinal Structure Function of the Photon Using Azimuthal Correlations at LEP”
The OPAL Collaboration, K. Ackerstaff *et al.*
Z. Phys. **C74**, 49 (1997).
203. “ Σ^+ , Σ^0 , and Σ^- Hyperon Production in Hadronic Z^0 Decays”
The OPAL Collaboration, G. Alexander *et al.*
Z. Phys. **C73**, 587 (1997).
204. “Strange Baryon Production in Hadronic Z^0 Decays”
The OPAL Collaboration, G. Alexander *et al.*
Z. Phys. **C73**, 569 (1997).
205. “Search for the Standard Model Higgs Boson in e^+e^- Collisions at $\sqrt{s} = 161$ GeV”
The OPAL Collaboration, K. Ackerstaff *et al.*
Phys. Lett. **B393**, 231 (1997).
206. “Search for Unstable Neutral and Charged Heavy Leptons in e^+e^- Collisions at $\sqrt{s} = 161$ GeV”
The OPAL Collaboration, K. Ackerstaff *et al.*
Phys. Lett. **B393**, 217 (1997).
207. “Production of Fermion-pair Events in e^+e^- Collisions at 161 GeV Centre-of-mass Energy”
The OPAL Collaboration, K. Ackerstaff *et al.*
Phys. Lett. **B391**, 221 (1997).
208. “Photonic Events with Large Missing Energy in e^+e^- Collisions at $\sqrt{s} = 161$ GeV”
The OPAL Collaboration, K. Ackerstaff *et al.*
Phys. Lett. **B391**, 210 (1997).
209. “Search for Excited Leptons in e^+e^- Collisions at $\sqrt{s} = 161$ GeV”
The OPAL Collaboration, K. Ackerstaff *et al.*
Phys. Lett. **B391**, 197 (1997).
210. “A Measurement of the Energy Loss Spectrum of 150 GeV Muons in Iron”
The RD34 Collaboration, E. Berger *et al.*
Z. Phys. **C73**, 445 (1997).
211. “Inclusive Jet Production in Photon–Photon Collisions at $\sqrt{s} = 130$ and 136 GeV”
The OPAL Collaboration, K. Ackerstaff *et al.*
Z. Phys. **C73**, 433 (1997).
212. “A Measurement of the Average Bottom Hadron Lifetime”
The OPAL Collaboration, K. Ackerstaff *et al.*
Z. Phys. **C73**, 397 (1997).

213. “Search for Neutral Higgs Bosons in Z^0 Decays using the OPAL Detector at LEP”
The OPAL Collaboration, G. Alexander *et al.*
Z. Phys. **C73**, 189 (1997).
214. “A Measurement of the Charm and Bottom Forward-Backward Asymmetries using D Mesons at LEP”
The OPAL Collaboration, G. Alexander *et al.*
Z. Phys. **C73**, 379 (1997).
215. “Search for Supersymmetric Particles and Anomalous Four-Jet Production at $\sqrt{s} = 130$ and 136 GeV at LEP”
The OPAL Collaboration, G. Alexander *et al.*
Z. Phys. **C73**, 201 (1997).
216. “Search for Chargino and Neutralino Production in e^+e^- Collisions at $\sqrt{s} = 161$ GeV”
The OPAL Collaboration, K. Ackerstaff *et al.*
Phys. Lett. **B389**, 616 (1996).
217. “Measurement of the Mass of the W Boson in e^+e^- Collisions at $\sqrt{s} = 161$ GeV”
The OPAL Collaboration, K. Ackerstaff *et al.*
Phys. Lett. **B389**, 416 (1996).
218. “Search for Scalar Top and Scalar Bottom Quarks using the OPAL Detector at LEP”
The OPAL Collaboration, K. Ackerstaff *et al.*
Phys. Lett. **B389**, 197 (1996).
219. “Test of QCD Analytic Predictions for the Multiplicity Ratio between Gluon and Quark Jets”
The OPAL Collaboration, G. Alexander *et al.*
Phys. Lett. **B388**, 659 (1996).
220. “Measurement of the Branching Fraction of the Radiative Decay $\tau^- \rightarrow \mu^- \bar{\nu}_\mu \nu_\tau \gamma$ ”
The OPAL Collaboration, G. Alexander *et al.*
Phys. Lett. **B388**, 437 (1996).
221. “Test of the Four-Fermion Contact Interaction in e^+e^- Collisions at 130–140 GeV ”
The OPAL Collaboration, G. Alexander *et al.*
Phys. Lett. **B387**, 432 (1996).
222. “Search for Excited Leptons in e^+e^- Collisions at $\sqrt{s} = 130$ and 136 GeV ”
The OPAL Collaboration, G. Alexander *et al.*
Phys. Lett. **B386**, 463 (1996).
223. “Search for Unstable Neutral and Charged Heavy Leptons in e^+e^- Collisions at $\sqrt{s} = 130$ and 136 GeV ”
The OPAL Collaboration, G. Alexander *et al.*
Phys. Lett. **B385**, 433 (1996).
224. “A First Measurement of the $\Lambda\bar{\Lambda}$ and $\Lambda\Lambda$ ($\bar{\Lambda}\bar{\Lambda}$) Spin Compositions in Hadronic Z^0 Decays”
The OPAL Collaboration, G. Alexander *et al.*
Phys. Lett. **B384**, 377 (1996).

225. “Prompt J/ψ Production in Hadronic Z^0 Decays”
The OPAL Collaboration, G. Alexander *et al.*
Phys. Lett. **B384**, 343 (1996).
226. “Multiplicity Dependence of Bose-Einstein Correlations in Hadronic Z^0 Decays”
The OPAL Collaboration, G. Alexander *et al.*
Z. Phys. **C72**, 389 (1996).
227. “A Measurement of the B_d^0 Oscillation Frequency Using Leptons and $D^{*\pm}$ Mesons”
The OPAL Collaboration, G. Alexander *et al.*
Z. Phys. **C72**, 377 (1996).
228. “A Precise Measurement of the Tau Polarization and its Forward-Backward Asymmetry at LEP”
The OPAL Collaboration, G. Alexander *et al.*
Z. Phys. **C72**, 365 (1996).
229. “Upper Limit on the ν_τ Mass from $\tau \rightarrow 3h\nu_\tau$ Decays”
The OPAL Collaboration, G. Alexander *et al.*
Z. Phys. **C72**, 231 (1996).
230. “QCD Studies with e^+e^- Annihilation Data at 130 and 136 GeV”
OPAL Collaboration, G. Alexander *et al.*
Z. Phys. **C72**, 191 (1996).
231. “A Study of Charm Hadron Production in $Z^0 \rightarrow c\bar{c}$ and $Z^0 \rightarrow b\bar{b}$ decays at LEP”
The OPAL Collaboration, G. Alexander *et al.*
Z. Phys. **C72**, 1 (1996).
232. “Topological Search for the Production of Neutralinos and Scalar Particles”
The OPAL Collaboration, G. Alexander *et al.*
Phys. Lett. **B377**, 273 (1996).
233. “Measurements with Photonic Events in e^+e^- Collisions at Centre-of-Mass Energies of 130–140 GeV”
The OPAL Collaboration, G. Alexander *et al.*
Phys. Lett. **B377**, 222 (1996).
234. “Search for Chargino and Neutralino Production using the OPAL Detector at $\sqrt{s}=130$ –136 GeV at LEP”
The OPAL Collaboration, G. Alexander *et al.*
Phys. Lett. **B377**, 181 (1996).
235. “A Study of Four-Fermion Final States with High Multiplicities at LEP”
The OPAL Collaboration, G. Alexander *et al.*
Phys. Lett. **B376**, 315 (1996).

236. “Measurement of Cross-sections and Asymmetries in e^+e^- Collisions at 130–140 GeV Centre-of-Mass Energy”
The OPAL Collaboration, G. Alexander *et al.*
Phys. Lett. **B376**, 232 (1996).
237. “Improved Measurement of the Lifetime of the tau Lepton”
The OPAL Collaboration, G. Alexander *et al.*
Phys. Lett. **B374**, 341 (1996).
238. “Search for a Narrow Resonance in Z^0 Decays into Hadrons and Isolated Photons”
The OPAL Collaboration, G. Alexander *et al.*
Z. Phys. **C71**, 1 (1996).
239. “Observation of Υ Production in Hadronic Z^0 Decays”
The OPAL Collaboration, G. Alexander *et al.*
Phys. Lett. **B370**, 185 (1996).
240. “Search for Charged Higgs Bosons using the OPAL Detector at LEP”
The OPAL Collaboration, G. Alexander *et al.*
Phys. Lett. **B370**, 174 (1996).
241. “Measurement of Heavy Quark Forward-Backward Asymmetries and Average B Mixing using Leptons in Multihadronic Events”
The OPAL Collaboration, G. Alexander *et al.*
Z. Phys. **C70**, 357 (1996).
242. “ J/ψ and ψ' Production in Hadronic Z^0 Decays”
The OPAL Collaboration, G. Alexander *et al.*
Z. Phys. **C70**, 197 (1996).
243. “Measurement of the $\tau^- \rightarrow e^- \bar{\nu}_e \nu_\tau$ Branching Ratio”
The OPAL Collaboration, G. Alexander *et al.*
Phys. Lett. **B369**, 163 (1996).
244. “Measurement of α_s from $b\bar{b}$ Production at the CERN $p\bar{p}$ Collider”
The UA1 Collaboration, C. Albajar *et al.*
Phys. Lett. **B369**, 46 (1996).
245. “Test of the Exponential Decay Law at Short Decay Times using Tau Leptons”
The OPAL Collaboration, G. Alexander *et al.*
Phys. Lett. **B368**, 244 (1996).
246. “A Comparison of b and uds Quark Jets to Gluon Jets”
The OPAL Collaboration, G. Alexander *et al.*
Z. Phys. **C69**, 543 (1996).
247. “Measurement of the Average b-Baryon Lifetime and the Product Branching Ratio $f(b \rightarrow \Lambda_b) \times \text{BR}(\Lambda_b \rightarrow \Lambda \ell^- \bar{\nu} X)$ ”
The OPAL Collaboration, R. Akers *et al.*
Z. Phys. **C69**, 195 (1996).

248. “A study of b Quark Fragmentation into B^0 and B^+ Mesons at LEP”
The OPAL Collaboration, G. Alexander *et al.*
Phys. Lett. **B364**, 93 (1995).
249. “ Δ^{++} Production in Hadronic Z^0 Decays”
The OPAL Collaboration, G. Alexander *et al.*
Phys. Lett. **B358**, 162 (1995).
250. “Measurement of the $\tau^- \rightarrow h^- h^+ h^- \nu_\tau$ and $\tau^- \rightarrow h^- h^+ h^- \geq 1\pi^0 \nu_\tau$ Branching Ratios”
The OPAL Collaboration, R. Akers *et al.*
Z. Phys. **C68**, 555 (1995).
251. “Investigation of the String Effect Using Final State Photons”
The OPAL Collaboration, R. Akers *et al.*
Z. Phys. **C68**, 531 (1995).
252. “A Study of QCD Structure Constants and a Measurement of $\alpha_s(M_{Z^0})$ at LEP Using Event Shape Observables”
The OPAL Collaboration, R. Akers *et al.*
Z. Phys. **C68**, 519 (1995).
253. “Measurement of the Longitudinal, Transverse and Asymmetry Fragmentation Functions at LEP”
The OPAL Collaboration, R. Akers *et al.*
Z. Phys. **C68**, 203 (1995).
254. “A Model Independent Measurement of Quark and Gluon Jet Properties and Differences”
The OPAL Collaboration, R. Akers *et al.*
Z. Phys. **C68**, 179 (1995).
255. “Inclusive Strange Vector and Tensor Meson Production in Hadronic Z^0 Decays”
The OPAL Collaboration, R. Akers *et al.*
Z. Phys. **C68**, 1 (1995).
256. “Measurement of the Multiplicity of Charm Quark Pairs from Gluons in Hadronic Z^0 Decays”
The OPAL Collaboration, R. Akers *et al.*
Phys. Lett. **B353**, 595 (1995).
257. “A Measurement of the Λ_b^0 Lifetime”
The OPAL Collaboration, R. Akers *et al.*
Phys. Lett. **B353**, 402 (1995).
258. “A Measurement of Charged Particle Multiplicity in $Z^0 \rightarrow c\bar{c}$ and $Z^0 \rightarrow b\bar{b}$ Events”
The OPAL Collaboration, R. Akers *et al.*
Phys. Lett. **B352**, 176 (1995).
259. “A Search for Lepton Flavour Violating Z^0 Decays”
The OPAL Collaboration, R. Akers *et al.*
Z. Phys. **C67**, 555 (1995).

260. “The Production of Neutral Kaons in Z^0 Decays and their Bose-Einstein Correlations”
The OPAL Collaboration, R. Akers *et al.*
Z. Phys. **C67**, 389 (1995).
261. “A Measurement of the Forward-Backward Asymmetry of $e^+e^- \rightarrow b\bar{b}$ by Applying a Jet Charge Algorithm to Lifetime Tagged Events”
The OPAL Collaboration, R. Akers *et al.*
Z. Phys. **C67**, 365 (1995).
262. “Improved measurements of the B^0 and B^+ meson lifetimes”
The OPAL Collaboration, R. Akers *et al.*
Z. Phys. **C67**, 379 (1995).
263. “Search for Heavy Charged Particles and for Particles with Anomalous Charge in e^+e^- Collisions at LEP”
The OPAL Collaboration, R. Akers *et al.*
Z. Phys. **C67**, 203 (1995).
264. “A Study of Charm Meson Production in Semileptonic B Decays”
The OPAL Collaboration, R. Akers *et al.*
Z. Phys. **C67**, 57 (1995).
265. “Measurement of the Hadronic Decay Current in $\tau^- \rightarrow \pi^- \pi^- \pi^+ \nu_\tau$ ”
The OPAL Collaboration, R. Akers *et al.*
Z. Phys. **C67**, 45 (1995).
266. “A Measurement of the Production of $D^{*\pm}$ Mesons on the Z^0 Resonance”
The OPAL Collaboration, R. Akers *et al.*
Z. Phys. **C67**, 27 (1995).
267. “Comparisons of the Properties of Final State Photons in Hadronic Z^0 Decays with Predictions from Matrix Element Calculations”
The OPAL Collaboration, R. Akers *et al.*
Z. Phys. **C67**, 15 (1995).
268. “An Improved Measurement of the B_s^0 Lifetime”
The OPAL Collaboration, R. Akers *et al.*
Phys. Lett. **B350**, 273 (1995).
269. “A Study of B Meson Oscillations Using Dilepton Events”
The OPAL Collaboration, R. Akers *et al.*
Z. Phys. **C66**, 555 (1995).
270. “Measurement of the Leptonic Branching Ratios of the Tau Lepton”
The OPAL Collaboration, R. Akers *et al.*
Z. Phys. **C66**, 543 (1995).
271. “A Test of CP-Invariance in $Z^0 \rightarrow \tau^+ \tau^-$ Using Optimal Observables”
The OPAL Collaboration, R. Akers *et al.*
Z. Phys. **C66**, 31 (1995).

272. “Observations of π -B charge-flavor correlations and resonant $B\pi$ and BK production”
The OPAL Collaboration, R. Akers *et al.*
Z. Phys. **C66**, 19 (1995).
273. “A Measurement of the QCD Colour Factor Ratio C_A/C_F and T_F/C_F from Angular Correlation in Four-jet Events”
The OPAL Collaboration, R. Akers *et al.*
Z. Phys. **C65**, 367 (1995).
274. “Determination of an Upper Limit for the Mass of the Tau Neutrino at LEP”
The OPAL Collaboration, R. Akers *et al.*
Z. Phys. **C65**, 183 (1995).
275. “Measurement of Single Photon Production in e^+e^- Collisions near the Z^0 Resonance”
The OPAL Collaboration, R. Akers *et al.*
Z. Phys. **C65**, 47 (1995).
276. “Determination of the Event Shape Distributions and α_s^b from $Z^0 \rightarrow b\bar{b}$ Events at LEP”
The OPAL Collaboration, R. Akers *et al.*
Z. Phys. **C65**, 31 (1995).
277. “Measurement of $\Gamma(Z^0 \rightarrow b\bar{b})/\Gamma(Z^0 \rightarrow \text{hadrons})$ using a Double Tagging Method”
The OPAL Collaboration, R. Akers *et al.*
Z. Phys. **C65**, 17 (1995).
278. “Measurement of the Tau Lepton Polarization and its Forward-Backward Asymmetry from Z^0 Decays”
The OPAL Collaboration, R. Akers *et al.*
Z. Phys. **C65**, 1 (1995).
279. “Measurements of the Inclusive Branching Ratios of Tau Leptons to K_S^0 and Charged $K^*(892)$ ”
The OPAL Collaboration, R. Akers *et al.*
Phys. Lett. **B339**, 278 (1994).
280. “Updated Measurement of the Tau Lifetime”
The OPAL Collaboration, R. Akers *et al.*
Phys. Lett. **B338**, 497 (1994).
281. “Search for Neutral Higgs Bosons in the Minimal Supersymmetric Extension of the Standard Model”
The OPAL Collaboration, R. Akers *et al.*
Z. Phys. **C64**, 1 (1994).
282. “Search for Rare Hadronic B Decays”
The OPAL Collaboration, R. Akers *et al.*
Phys. Lett. **B337**, 393 (1994).
283. “Search for a Scalar Top Quark Using the OPAL Detector”
The OPAL Collaboration, R. Akers *et al.*
Phys. Lett. **B337**, 207 (1994).

284. “Observation of Exclusive Decays of B Mesons at LEP”
The OPAL Collaboration, R. Akers *et al.*
Phys. Lett. **B337**, 196 (1994).
285. “Measurement of the Time Dependence of $B_d^0 \leftrightarrow \overline{B}_d^0$ Mixing Using Leptons and $D^{*\pm}$ Mesons”
The OPAL Collaboration, R. Akers *et al.*
Phys. Lett. **B336**, 585 (1994).
286. “Measurement of the $\tau^- \rightarrow h^- \pi^0 \nu_\tau$ and $\tau^- \rightarrow h^- 2\pi^0 \nu_\tau$ Branching Ratios”
The OPAL Collaboration, R. Akers *et al.*
Phys. Lett. **B328**, 207 (1994).
287. “Measurement of the Time Dependence of $B_d^0 \leftrightarrow \overline{B}_d^0$ Mixing Using a Jet Charge Technique”
The OPAL Collaboration, R. Akers *et al.*
Phys. Lett. **B327**, 411 (1994).
288. “Search for the Minimal Standard Model Higgs Boson”
The OPAL Collaboration, R. Akers *et al.*
Phys. Lett. **B327**, 397 (1994).
289. “A Study of Mean Sub-jet Multiplicities in Two- and Three-jet Hadronic Z^0 Decays”
The OPAL Collaboration, R. Akers *et al.*
Z. Phys. **C63**, 363 (1994).
290. “QCD Studies Using a Cone-based Jet Finding Algorithm for e^+e^- Collisions at LEP”
The OPAL Collaboration, R. Akers *et al.*
Z. Phys. **C63**, 197 (1994).
291. “Measurement of the Production Rates of Charged Hadrons in e^+e^- Annihilation at the Z^0 ”
The OPAL Collaboration, R. Akers *et al.*
Z. Phys. **C63**, 181 (1994).
292. “Multiplicity and Transverse Momentum Correlations in Multihadronic Final States in e^+e^- Interactions at $\sqrt{s} = 91.2$ GeV”
The OPAL Collaboration, R. Akers *et al.*
Phys. Lett. **B320**, 417 (1994).
293. “Measurement of $\Gamma(Z^0 \rightarrow b\bar{b})/\Gamma(Z^0 \rightarrow \text{hadrons})$ Using Impact Parameters and Leptons”
The OPAL Collaboration, R. Akers *et al.*
Z. Phys. **C61**, 357 (1994).
294. “Studies of Charged Particle Multiplicity in b Quark Events”
The OPAL Collaboration, R. Akers *et al.*
Z. Phys. **C61**, 209 (1994).
295. “Measurement of the Photon Structure Function $F_2(\gamma)$ in the Reaction $e^+e^- \rightarrow e^+e^- + \text{hadrons}$ at LEP”
The OPAL Collaboration, R. Akers *et al.*
Z. Phys. **C61**, 199 (1994).

296. “Measurement of $b\bar{b}$ Correlations at the CERN $p\bar{p}$ Collider”
The UA1 Collaboration, C. Albajar *et al.*
Z. Phys. **C61**, 41 (1994).
297. “Improved Measurements of the Neutral Current from Hadron and Lepton Production at LEP”
The OPAL Collaboration, R. Akers *et al.*
Z. Phys. **C61**, 19 (1994).
298. “A Measurement of the Forward-Backward Asymmetry of $e^+e^- \rightarrow c\bar{c}$ and $e^+e^- \rightarrow b\bar{b}$ at Centre of Mass Energies on and near the Z^0 Peak using $D^{*\pm}$ Mesons”
The OPAL Collaboration, R. Akers *et al.*
Z. Phys. **C60**, 601 (1993).
299. “A Study of Muon Pair Production and Evidence for Tau Pair Production in Photon-Photon Collisions at LEP”
The OPAL Collaboration, R. Akers *et al.*
Z. Phys. **C60**, 593 (1993).
300. “A Measurement of $\Gamma(Z^0 \rightarrow b\bar{b})/\Gamma(Z^0 \rightarrow \text{hadrons})$ Using an Impact Parameter Technique”
The OPAL Collaboration, P. Acton *et al.*
Z. Phys. **C60**, 579 (1993).
301. “A Test of the Flavour Independence of the Strong Interaction for Five Flavours”
The OPAL Collaboration, R. Akers *et al.*
Z. Phys. **C60**, 397 (1993).
302. “Measurement of the Average b Hadron Lifetime in Z^0 Decays”
The OPAL Collaboration, P. Acton *et al.*
Z. Phys. **C60**, 217 (1993).
303. “Measurements of $B^0-\bar{B}^0$ Mixing, $\Gamma(Z^0 \rightarrow b\bar{b})/\Gamma(Z^0 \rightarrow \text{hadrons})$, and Semileptonic Branching Ratios for b-flavoured Hadrons in Hadronic Z^0 Decays”
The OPAL Collaboration, R. Akers *et al.*
Z. Phys. **C60**, 199 (1993).
304. “The Forward-Backward Asymmetry of $e^+e^- \rightarrow b\bar{b}$ and $e^+e^- \rightarrow c\bar{c}$ Using Leptons in Hadronic Z^0 Decays”
The OPAL Collaboration, P. Acton *et al.*
Z. Phys. **C60**, 19 (1993).
305. “A Measurement of the Average Lifetime of b-flavoured Baryons”
The OPAL Collaboration, R. Akers *et al.*
Phys. Lett. **B316**, 435 (1993).
306. “Search for Massive, Unstable Photinos that Violate R Parity”
The OPAL Collaboration, P. Acton *et al.*
Phys. Lett. **B313**, 333 (1993).

307. “Measurement of the B_s^0 Lifetime”
The OPAL Collaboration, P. Acton *et al.*
Phys. Lett. **B312**, 501 (1993).
308. “Search for Anomalous Production of High Mass Photon Pairs in e^+e^- Collisions at LEP”
The OPAL Collaboration, P. Acton *et al.*
Phys. Lett. **B311**, 391 (1993).
309. “Measurement of the Tau Lifetime”
The OPAL Collaboration, P. Acton *et al.*
Z. Phys. **C59**, 183 (1993).
310. “A Determination of $\alpha_s(M_{Z^0})$ at LEP Using Resummed QCD Calculations”
The OPAL Collaboration, P. Acton *et al.*
Z. Phys. **C59**, 1 (1993).
311. “Measurement of $\Gamma(Z^0 \rightarrow b\bar{b}) / \Gamma(Z^0 \rightarrow \text{hadrons})$ Using Leptons”
The OPAL Collaboration, P. Acton *et al.*
Z. Phys. **C58**, 523 (1993).
312. “Studies of Strong and Electroweak Interactions Using Final State Photon Emission in Hadronic Z^0 Decays”
The OPAL Collaboration, P. Acton *et al.*
Z. Phys. **C58**, 405 (1993).
313. “A Study of Differences Between Quark and Gluon Jets Using Vertex Tagging of Quark Jets”
The OPAL Collaboration, P. Acton *et al.*
Z. Phys. **C58**, 387 (1993).
314. “Precision Measurements of the Neutral Current from Hadron and Lepton Production at LEP”
The OPAL Collaboration, P. Acton *et al.*
Z. Phys. **C58**, 219 (1993).
315. “QCD Coherence Studies Using Two Particle Azimuthal Correlations”
The OPAL Collaboration, P. Acton *et al.*
Z. Phys. **C58**, 207 (1993).
316. “Measurement of the B^0 and B^+ Lifetimes”
The OPAL Collaboration, P. Acton *et al.*
Phys. Lett. **B307**, 247 (1993).
317. “Evidence for Chain-Like Production of Strange Baryon Pairs in Jets”
The OPAL Collaboration, P. Acton *et al.*
Phys. Lett. **B305**, 415 (1993).
318. “A Measurement of $K^{*\pm}(892)$ Production in Hadronic Z^0 Decays”
The OPAL Collaboration, P. Acton *et al.*
Phys. Lett. **B305**, 407 (1993).

319. “A Study of the Electric Charge Distributions of Quark and Gluon Jets in Hadronic Z^0 Decays”
The OPAL Collaboration, P. Acton *et al.*
Phys. Lett. **B302**, 523 (1993).
320. “A Study of K_S^0 - K_S^0 Bose-Einstein Correlations in Hadronic Z^0 Decays”
The OPAL Collaboration, P. Acton *et al.*
Phys. Lett. **B298**, 456 (1993).
321. “Evidence for the Existence of the Strange b-flavour Meson B_s^0 in Z^0 Decays”
The OPAL Collaboration, P. Acton *et al.*
Phys. Lett. **B295**, 357 (1992).
322. “A Search for Doubly-charged Higgs Production in Z^0 Decays”
The OPAL Collaboration, P. Acton *et al.*
Phys. Lett. **B295**, 347 (1992).
323. “A Measurement of the Forward-Backward Charge Asymmetry in Hadronic Decays of the Z^0 ”
The OPAL Collaboration, P. Acton *et al.*
Phys. Lett. **B294**, 436 (1992).
324. “Inclusive Neutral Vector Meson Production in Hadronic Z^0 Decays”
The OPAL Collaboration, P. Acton *et al.*
Z. Phys. **C56**, 521 (1992).
325. “A Measurement of Strange Baryon Production in Hadronic Z^0 Decays”
The OPAL Collaboration, P. Acton *et al.*
Phys. Lett. **B291**, 503 (1992).
326. “Measurement of the Tau Topological Branching Ratios at LEP”
The OPAL Collaboration, P. Acton *et al.*
Phys. Lett. **B288**, 373 (1992).
327. “A Study of Two-particle Momentum Correlations in Hadronic Z^0 Decays”
The OPAL Collaboration, P. Acton *et al.*
Phys. Lett. **B287**, 401 (1992).
328. “A Test of Higher Order Electroweak Theory in Z^0 Decays to Two Leptons with an Associated Pair of Charged Particles”
The OPAL Collaboration, P. Acton *et al.*
Phys. Lett. **B287**, 389 (1992).
329. “A Measurement of Electron Production in Hadronic Z^0 Decays and a Determination of $\Gamma(Z^0 \rightarrow b\bar{b})$ ”
The OPAL Collaboration, P. Acton *et al.*
Z. Phys. **C55**, 191 (1992).

330. “A Global Determination of $\alpha_s(M_{Z^0})$ at LEP”
The OPAL Collaboration, P. Acton *et al.*
Z. Phys. **C55**, 1 (1992).
331. “Test of CP-invariance in $e^+e^- \rightarrow Z^0 \rightarrow \tau^+\tau^-$ and a Limit on the Weak Dipole Moment of the Tau Lepton”
The OPAL Collaboration, P. Acton *et al.*
Phys. Lett. **B281**, 405 (1992).
332. “Evidence for b-flavoured Baryon Production in Z^0 Decays at LEP”
The OPAL Collaboration, P. Acton *et al.*
Phys. Lett. **B281**, 394 (1992).
333. “First Observation of the Beauty Baryon Λ_b in the Decay Channel $\Lambda_b \rightarrow J/\psi \Lambda$ at the CERN proton-antiproton Collider”
The UA1 Collaboration, C. Albajar *et al.*
Phys. Lett. **B273**, 540 (1991).
334. “Performance of a Uranium/Tetramethylpentane Calorimeter backed by an Iron/Scintillator Calorimeter”
The UA1 Collaboration, R. Apsimon *et al.*
Nucl. Instrum. and Methods **A305**, 331 (1991).
335. “Performance of a Semi-octagonal Shaped Uranium/Tetramethylpentane Calorimeter”
The UA1 Collaboration, C. Bacci *et al.*
Nucl. Instrum. and Methods **A301**, 445 (1991).
336. “Measurement of $B^0-\overline{B}^0$ Mixing at the CERN Sp \overline{p} S Collider”
The UA1 Collaboration, C. Albajar *et al.*
Phys. Lett. **B262**, 171 (1991).
337. “A Search for Rare B Meson Decays at the CERN Sp \overline{p} S Collider”
The UA1 Collaboration, C. Albajar *et al.*
Phys. Lett. **B262**, 163 (1991).
338. “Limits on t-Quark Decay into Charged Higgs from a Direct Search at the CERN $p\overline{p}$ Collider”
The UA1 Collaboration, C. Albajar *et al.*
Phys. Lett. **B257**, 459 (1991).
339. “Beauty Production at the CERN $p\overline{p}$ Collider”
The UA1 Collaboration, C. Albajar *et al.*
Phys. Lett. **B256**, 121 (1991).
340. “ J/ψ and ψ' Production at the CERN $p\overline{p}$ Collider”
The UA1 Collaboration, C. Albajar *et al.*
Phys. Lett. **B256**, 112 (1991).

341. “Measurement of the Ratio $R \equiv \sigma_W \text{Br}(W \rightarrow \mu\nu) / \sigma_Z \text{Br}(Z \rightarrow \mu\mu)$ and $\Gamma_{\text{tot}}(W)$ at the CERN proton-antiproton Collider”
The UA1 Collaboration, C. Albajar *et al.*
Phys. Lett. **B253**, 503 (1991).
342. “Intermittency Studies in $\bar{p}p$ Collisions at $\sqrt{s} = 630$ GeV”
The UA1 Collaboration, C. Albajar *et al.*
Nucl. Phys. **B345**, 1 (1990).
343. “A Study of the D^* Content of Jets at the CERN proton-antiproton Collider”
The UA1 Collaboration, C. Albajar *et al.*
Phys. Lett. **B244**, 566 (1990).
344. “Search for New Heavy Quarks in proton-antiproton Collisions at $\sqrt{s} = 0.63$ TeV”
The UA1 Collaboration, C. Albajar *et al.*
Z. Phys. **C48**, 1 (1990).
345. “Experimental Limit on the Decay $W^\pm \rightarrow \pi^\pm \gamma$ at the CERN proton-antiproton Collider”
The UA1 Collaboration, C. Albajar *et al.*
Phys. Lett. **B241**, 283 (1990).
346. “Influence of the Electric Field on Compensation in a Uranium/Tetramethylpentane Hadronic Calorimeter”
The UA1 Collaboration, C. Bacci *et al.*
Nucl. Instrum. and Methods **A292**, 113 (1990).
347. “Construction and Performance of a Position Detector for the UA1 Uranium-TMP Calorimeter”
The UA1 Collaboration, K. Ankoviak *et al.*
Nucl. Instrum. and Methods **A279**, 83 (1989).

Conference Proceedings:

1. “B-mixing and Lifetime Difference at CDF and DØ”
Proceedings of the 9th Conference on the Intersection of Particle and Nuclear Physics,
Rio Grande, PR, 2006,
edited by T. Liss,
AIP Conference Proceedings, vol. **870**, 305 (2006).
2. “Heavy Flavor Production at Hadron Colliders (with a few leptons and photons thrown in)”
Proceedings of the XXIVth Physics in Collision Symposium,
Boston, MA, 2004,
edited by U. Heintz,
eConf C0406271, (2004)
[hep-ex/0408043](#).
3. “Results from CDF and DØ (Everything but the B)”
Proceedings of the XXXth SLAC Summer Institute,
Stanford, CA, 2002,
edited by J. Hewett, J. Jaros, T. Kamae and C. Prescott,
eConf C020805, TF01 (2002)
[hep-ex/0211061](#).
4. “The DØ Upgrade”
Proceedings of the 7th International Conference on B-Physics at Hadron Machines
Maagan Israel, September 13 - 18, 2000
Nucl. Instrum. and Methods **A462**, 179 (2001).
5. “Higgs Searches at the Tevatron”
Proceedings of Les Rencontres de Physique de la Vallee d’Aoste
La Thuile, Italy, February 28 - March 4, 2000
published in “Results and Perspectives in Particle Physics: Proceedings”, ed. M. Greco,
Istituto Naz. Fis. Nucl., Frascati, Italy (2002)
[hep-ex/0007024](#).
6. “Current Topics in τ Physics”
Proceedings of the 7th International Symposium on Heavy Flavor Physics
University of California, Santa Barbara, July 7-11, 1997
Singapore, World Scientific Publishing Co. 302 (1999).
7. “Charged Current Measurements: a Tau96 Overview”
Proceedings of the Fourth International Conference on Tau Lepton Physics
Estes Park, Colorado, September 16-19, 1996
Nucl. Phys. (Proc. Suppl.) **B55C**, 257 (1997).

8. “Recent Tau Physics Results from OPAL”
Proceedings of the Lake Louise Winter Institute
“Topics in Electroweak Physics”
Lake Louise, Canada, February 18-24, 1996
Singapore, World Scientific Publishing Co. 312 (1997).
9. “Measurements of the Strong Interaction in τ -Decays”
Proceedings of the 6th International Symposium on Heavy Flavor Physics
Pisa, Italy, June 6-10, 1995
Il Nuovo Cimento **109 A**, 915 (1996).
10. “Measurements of Branching Ratios of Tau-Leptons to Charged and Neutral Kaons at OPAL”
Proceedings of the Third Workshop on Tau Lepton Physics
Montreux, Switzerland, September 19-22, 1994
Nucl. Phys. (Proc. Suppl.) **B40**, 361 (1995).
11. “Heavy Quark Physics: Recent Results from UA1”
Proceedings of the XXth International Symposium on Multiparticle Dynamics
Gut Holmecke, Germany, September 10-14, 1990
Singapore, World Scientific Publishing Co. 155 (1990).
12. “Construction and Filling of a Uranium/Tetramethylpentane Calorimeter”
Proceedings of the 2nd International Conference on Advanced Technology and Particle Physics
Como, Italy, June 11-15, 1990
Nucl. Phys. (Proc. Suppl.) **B23A**, 80 (1991).