

Full List of Publications for Graham W. WILSON

Available in electronic form with links at
<http://people.ku.edu/~gwwilson/pubs.html>

- [1] **“Track segments in hadronic showers in a highly granular scintillator-steel hadron calorimeter”**
C. Adloff *et al.* [CALICE Collaboration].
arXiv:1305.7027 [physics.ins-det] [HEP entry](#)
- [2] **“Search for anomalous quartic $WW\gamma\gamma$ couplings in dielectron and missing energy final states in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:1305.1258 [hep-ex]
Submitted to Phys. Rev. D. [HEP entry](#)
- [3] **“Measurement of the ZZ production cross section and search for the standard model Higgs boson in the four lepton final state in $p\bar{p}$ collisions”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:1304.5422 [hep-ex]
Submitted to Phys. Rev. D. [HEP entry](#)
- [4] **“An improved measurement of direct CP violation parameters in $B^\pm \rightarrow J/\psi K^\pm$ and $B^\pm \rightarrow J/\psi \pi^\pm$ decays”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:1304.1655 [hep-ex]
Submitted to: Phys.Rev.Lett. [HEP entry](#)
- [5] **“D0 Results and Combined Tevatron Results on Standard Model Higgs”**
G. W. Wilson [D0 Collaboration].
10.1016/j.nuclphysbps.2012.12.053
Proceedings of the 10th International Conference on Hyperons, Charm and Beauty Hadrons (BEACH 2012), July 2012, Wichita, KS.
Nucl. Phys. Proc. Suppl. **233**, 46 (2012). [HEP entry](#)
- [6] **“Search for $ZH \rightarrow \ell^+ \ell^- b\bar{b}$ production in 9.7 fb^{-1} of $p\bar{p}$ collisions with the D0 detector”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:1303.3276 [hep-ex] [HEP entry](#)
- [7] **“Combined search for the Higgs boson with the D0 experiment”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:1303.0823 [hep-ex]
Accepted by Phys. Rev. D. [HEP entry](#)
- [8] **“Studies of W boson plus jets production in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:1302.6508 [hep-ex] [HEP entry](#)
- [9] **“Search for Higgs boson production in trilepton and like-charge electron-muon final states with the D0 detector”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:1302.5723 [hep-ex]
Accepted by Phys. Rev. D. [HEP entry](#)
- [10] **“Search for the standard model Higgs boson in $\ell\nu$ +jets final states in 9.7 fb^{-1} of $p\bar{p}$ collisions with the D0 detector”**

- V. M. Abazov *et al.* [D0 Collaboration].
arXiv:1301.6122 [hep-ex] [HEP entry](#)
- [11] **“Search for a Higgs boson in diphoton final states with the D0 detector in 9.6 fb⁻¹ of $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:1301.5358 [hep-ex]
Accepted by Phys. Rev. D. [HEP entry](#)
- [12] **“Measurement of the differential cross sections for isolated direct photon pair production in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:1301.4536 [hep-ex] [HEP entry](#)
- [13] **“Search for the rare decay $B_s \rightarrow \mu\mu$ ”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:1301.4507 [hep-ex]
10.1103/PhysRevD.87.072006 [HEP entry](#)
- [14] **“Measurement of the ratio of differential cross sections $\sigma(p\bar{p} \rightarrow Z + bjet)/\sigma(p\bar{p} \rightarrow Z + jet)$ in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:1301.2233 [hep-ex] [HEP entry](#)
- [15] **“Search for Higgs boson production in oppositely charged dilepton and missing energy final states in 9.7 fb⁻¹ of $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:1301.1243 [hep-ex] [HEP entry](#)
- [16] **“Measurement of the combined rapidity and p_T dependence of dijet azimuthal decorrelations in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:1212.1842 [hep-ex]
10.1016/j.physletb.2013.03.029
Phys. Lett. B **721**, 212 (2013) [HEP entry](#)
- [17] **“Search for charged massive long-lived particles at $\sqrt{s} = 1.96$ TeV”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:1211.2466 [hep-ex]
10.1103/PhysRevD.87.052011 [HEP entry](#)
- [18] **“Measurement of the differential photon + c -jet cross section and the ratio of differential photon + c and photon + b cross sections in proton-antiproton collisions at $\sqrt{s} = 1.96$ TeV”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:1210.5033 [hep-ex]
10.1016/j.physletb.2013.01.033
Phys. Lett. B **719**, 354 (2013) [HEP entry](#)
- [19] **“Measurement of the $p\bar{p} \rightarrow W + b + X$ production cross section at $\sqrt{s} = 1.96$ TeV”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:1210.0627 [hep-ex]
10.1016/j.physletb.2012.12.044
Phys. Lett. B **718**, 1314 (2013) [HEP entry](#)
- [20] **“Measurement of the ratio of three-jet to two-jet cross sections in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:1209.1140 [hep-ex]
10.1016/j.physletb.2013.01.048
Phys. Lett. B, [Phys. Lett. B **720**, 6 (2013)] [HEP entry](#)

- [21] **“Measurement of the semileptonic charge asymmetry in B^0 meson mixing with the D0 detector”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:1208.5813 [hep-ex]
10.1103/PhysRevD.86.072009
Phys. Rev. D **86**, 072009 (2012) [HEP entry](#)
- [22] **“Limits on anomalous trilinear gauge boson couplings from WW , WZ and $W\gamma$ production in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:1208.5458 [hep-ex]
10.1016/j.physletb.2012.10.062
Phys. Lett. B **718**, 451 (2012) [HEP entry](#)
- [23] **“Search for the standard model Higgs boson in associated WH production in 9.7 fb^{-1} of $p\bar{p}$ collisions with the D0 detector”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:1208.0653 [hep-ex]
10.1103/PhysRevLett.109.121804
Phys. Rev. Lett. **109**, 121804 (2012) [HEP entry](#)
- [24] **“Combined search for the standard model Higgs boson decaying to $b\bar{b}$ using the D0 Run II data set”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:1207.6631 [hep-ex]
10.1103/PhysRevLett.109.121802
Phys. Rev. Lett. **109**, 121802 (2012) [HEP entry](#)
- [25] **“Evidence for a particle produced in association with weak bosons and decaying to a bottom-antibottom quark pair in Higgs boson searches at the Tevatron”**
T. Aaltonen *et al.* [CDF and D0 Collaborations].
arXiv:1207.6436 [hep-ex]
10.1103/PhysRevLett.109.071804
Phys. Rev. Lett. **109**, 071804 (2012) [HEP entry](#)
- [26] **“Search for the standard model Higgs boson in $ZH \rightarrow \ell^+\ell^-b\bar{b}$ production with the D0 detector in 9.7 fb^{-1} of $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:1207.5819 [hep-ex]
10.1103/PhysRevLett.109.121803
Phys. Rev. Lett. **109**, 121803 (2012) [HEP entry](#)
- [27] **“Search for the standard model Higgs boson in the $ZH \rightarrow \nu\bar{\nu}b\bar{b}$ channel in 9.5 fb^{-1} of $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:1207.5689 [hep-ex]
10.1016/j.physletb.2012.08.034
Phys. Lett. B **716**, 285 (2012) [HEP entry](#)
- [28] **“Measurement of angular correlations of jets at $\sqrt{s} = 1.96$ TeV and determination of the strong coupling at high momentum transfers”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:1207.4957 [hep-ex]
10.1016/j.physletb.2012.10.003
Phys. Lett. B **718**, 56 (2012) [HEP entry](#)
- [29] **“Hadronic energy resolution of a highly granular scintillator-steel hadron calorimeter using software compensation techniques”**
C. Adloff *et al.* [CALICE Collaboration].
arXiv:1207.4210 [physics.ins-det]

10.1088/1748-0221/7/09/P09017
JINST **7**, P09017 (2012) [HEP entry](#)

- [30] **“Measurement of the semileptonic charge asymmetry using $B_s^0 \rightarrow D_s \mu X$ decays”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:1207.1769 [hep-ex]
10.1103/PhysRevLett.110.011801
Phys. Rev. Lett. **110**, 011801 (2013) [HEP entry](#)
- [31] **“Search for Neutral Higgs Bosons in Events with Multiple Bottom Quarks at the Tevatron”**
T. Aaltonen *et al.* [CDF and D0 Collaborations].
arXiv:1207.2757 [hep-ex]
10.1103/PhysRevD.86.091101
Phys. Rev. D **86**, 091101 (2012) [HEP entry](#)
- [32] **“Combination of the top-quark mass measurements from the Tevatron collider”**
T. Aaltonen *et al.* [CDF and D0 Collaborations].
arXiv:1207.1069 [hep-ex]
10.1103/PhysRevD.86.092003
Phys. Rev. D **86**, 092003 (2012) [HEP entry](#)
- [33] **“Search for Higgs boson production in oppositely charged dilepton and missing energy events in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:1207.1041 [hep-ex]
10.1103/PhysRevD.86.032010
Phys. Rev. D **86**, 032010 (2012) [HEP entry](#)
- [34] **“Updated Combination of Searches for the Standard Model Higgs Boson at the D0 Experiment in 9.7 fb^{-1} of Data”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:1207.0422 [hep-ex] [HEP entry](#)
- [35] **“Measurement of Leptonic Asymmetries and Top Quark Polarization in $t\bar{t}$ Production”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:1207.0364 [hep-ex] [HEP entry](#)
- [36] **“Measurement of the differential cross section $d\sigma/dt$ in elastic $p\bar{p}$ scattering at $\sqrt{s} = 1.96$ TeV”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:1206.0687 [hep-ex]
10.1103/PhysRevD.86.012009
Phys. Rev. D **86**, 012009 (2012) [HEP entry](#)
- [37] **“Study of the decay $B_s^0 \rightarrow J/\psi f_2'(1525)$ in $\mu^+ \mu^- K^+ K^-$ final states”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:1204.5723 [hep-ex]
10.1103/PhysRevD.86.092011
Phys. Rev. D **86**, 092011 (2012) [HEP entry](#)
- [38] **“Measurement of the Λ_b^0 lifetime in the exclusive decay $\Lambda_b^0 \rightarrow J/\psi \Lambda^0$ in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:1204.2340 [hep-ex]
10.1103/PhysRevD.85.112003
Phys. Rev. D **85**, 112003 (2012) [HEP entry](#)
- [39] **“Combination of searches for anomalous top quark couplings with 5.4 fb^{-1} of $p\bar{p}$ collisions”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:1204.2332 [hep-ex]

- 10.1016/j.physletb.2012.05.048
 Phys. Lett. B **713**, 165 (2012) [HEP entry](#)
- [40] **“Search for violation of Lorentz invariance in top quark pair production and decay”**
 V. M. Abazov *et al.* [D0 Collaboration].
 arXiv:1203.6106 [hep-ex]
 10.1103/PhysRevLett.108.261603
 Phys. Rev. Lett. **108**, 261603 (2012) [HEP entry](#)
- [41] **“Observation of a narrow mass state decaying into $\Upsilon(1S) + \gamma$ in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”**
 V. M. Abazov *et al.* [D0 Collaboration].
 arXiv:1203.6034 [hep-ex]
 10.1103/PhysRevD.86.031103
 Phys. Rev. D **86**, 031103 (2012) [HEP entry](#)
- [42] **“Measurement of the photon+ b -jet production differential cross section in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”**
 V. M. Abazov *et al.* [D0 Collaboration].
 arXiv:1203.5865 [hep-ex]
 10.1016/j.physletb.2012.06.056
 Phys. Lett. B **714**, 32 (2012) [HEP entry](#)
- [43] **“Search for $Z\gamma$ events with large missing transverse energy in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”**
 V. M. Abazov *et al.* [D0 Collaboration].
 arXiv:1203.5311 [hep-ex]
 10.1103/PhysRevD.86.071701
 Phys. Rev. D **86**, 071701 (2012) [HEP entry](#)
- [44] **“Search for the standard model Higgs boson in tau lepton pair final states”**
 V. M. Abazov *et al.* [D0 Collaboration].
 arXiv:1203.4443 [hep-ex]
 10.1016/j.physletb.2012.07.012
 Phys. Lett. B **714**, 237 (2012) [HEP entry](#)
- [45] **“Improving the Prompt Electromagnetic Energy Component of Jet Energy Resolution with π^0 Fitting in High Granularity Electromagnetic Calorimeters”**
 B. van Doren and G. W. Wilson,
 Proceedings of the International Workshop on Future Linear Colliders (LCWS11), Granada, Spain.
 arXiv:1203.2577 [physics.ins-det] [HEP entry](#)
- [46] **“Search for WH associated production in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”**
 V. M. Abazov *et al.* [D0 Collaboration].
 arXiv:1203.1082 [hep-ex]
 10.1103/PhysRevD.86.032005
 Phys. Rev. D **86**, 032005 (2012) [HEP entry](#)
- [47] **“Measurement of the W Boson Mass with the D0 Detector”**
 V. M. Abazov *et al.* [D0 Collaboration].
 arXiv:1203.0293 [hep-ex]
 10.1103/PhysRevLett.108.151804
 Phys. Rev. Lett. **108**, 151804 (2012) [HEP entry](#)
- [48] **“Combination of CDF and D0 measurements of the W boson helicity in top quark decays”**
 T. Aaltonen *et al.* [CDF and D0 Collaborations].
 arXiv:1202.5272 [hep-ex]
 10.1103/PhysRevD.85.071106
 Phys. Rev. D **85**, 071106 (2012) [HEP entry](#)

- [49] **“Search for pair production of the scalar top quark in muon+tau final states”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:1202.1978 [hep-ex]
10.1016/j.physletb.2012.03.028
Phys. Lett. B **710**, 578 (2012) [HEP entry](#)
- [50] **“A measurement of the WZ and ZZ production cross sections using leptonic final states in 8.6 fb^{-1} of $p\bar{p}$ collisions”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:1201.5652 [hep-ex]
10.1103/PhysRevD.85.112005
Phys. Rev. D **85**, 112005 (2012) [HEP entry](#)
- [51] **“Measurement of the top quark mass in $p\bar{p}$ collisions using events with two leptons”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:1201.5172 [hep-ex]
10.1103/PhysRevD.86.051103
Phys. Rev. D **86**, 051103 (2012) [HEP entry](#)
- [52] **“An Improved determination of the width of the top quark”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:1201.4156 [hep-ex]
10.1103/PhysRevD.85.091104
Phys. Rev. D **85**, 091104 (2012) [HEP entry](#)
- [53] **“Construction and performance of a silicon photomultiplier/extruded scintillator tail-catcher and muon-tracker”**
[CALICE Collaboration].
arXiv:1201.1653 [physics.ins-det]
10.1088/1748-0221/7/04/P04015
JINST **7**, P04015 (2012) [HEP entry](#)
- [54] **“Search for Higgs bosons of the minimal supersymmetric standard model in $p\bar{p}$ collisions at $\sqrt{s} = 1.96 \text{ TeV}$ ”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:1112.5431 [hep-ex]
10.1016/j.physletb.2012.03.021
Phys. Lett. B **710**, 569 (2012) [HEP entry](#)
- [55] **“Search for universal extra dimensions in $p\bar{p}$ collisions”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:1112.4092 [hep-ex]
10.1103/PhysRevLett.108.131802
Phys. Rev. Lett. **108**, 131802 (2012) [HEP entry](#)
- [56] **“Multi-lepton signals from the top-prime quark at the LHC”**
K. Kong, M. McCaskey and G. W. Wilson.
arXiv:1112.3041 [hep-ph]
10.1007/JHEP04(2012)079
JHEP **1204**, 079 (2012) [HEP entry](#)
- [57] **“Measurements of WW and WZ production in $W + \text{jets}$ final states in $p\bar{p}$ collisions”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:1112.0536 [hep-ex]
10.1103/PhysRevLett.108.181803
Phys. Rev. Lett. **108**, 181803 (2012) [HEP entry](#)
- [58] **“ $Z\gamma$ production and limits on anomalous $ZZ\gamma$ and $Z\gamma\gamma$ couplings in $p\bar{p}$ collisions at $\sqrt{s} = 1.96 \text{ TeV}$ ”**
V. M. Abazov *et al.* [D0 Collaboration].

- arXiv:1111.3684 [hep-ex]
 10.1103/PhysRevD.85.052001
 Phys. Rev. D **85**, 052001 (2012) [HEP entry](#)
- [59] **“Search for a Narrow $t\bar{t}$ Resonance in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV”**
 V. M. Abazov *et al.* [D0 Collaboration].
 arXiv:1111.1271 [hep-ex]
 10.1103/PhysRevD.85.051101
 Phys. Rev. D **85**, 051101 (2012) [HEP entry](#)
- [60] **“Search for anomalous Wtb couplings in single top quark production in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”**
 V. M. Abazov *et al.* [D0 Collaboration].
 arXiv:1110.4592 [hep-ex]
 10.1016/j.physletb.2012.01.014
 Phys. Lett. B **708**, 21 (2012) [HEP entry](#)
- [61] **“Measurement of the relative branching ratio of $B_s^0 \rightarrow J/\psi f_0(980)$ to $B_s^0 \rightarrow J/\psi\phi$ ”**
 V. M. Abazov *et al.* [D0 Collaboration].
 arXiv:1110.4272 [hep-ex]
 10.1103/PhysRevD.85.011103
 Phys. Rev. D **85**, 011103 (2012) [HEP entry](#)
- [62] **“Evidence for spin correlation in $t\bar{t}$ production”**
 V. M. Abazov *et al.* [D0 Collaboration].
 arXiv:1110.4194 [hep-ex]
 10.1103/PhysRevLett.108.032004
 Phys. Rev. Lett. **108**, 032004 (2012) [HEP entry](#)
- [63] **“Measurement of the inclusive jet cross section in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”**
 V. M. Abazov *et al.* [D0 Collaboration].
 arXiv:1110.3771 [hep-ex]
 10.1103/PhysRevD.85.052006
 Phys. Rev. D **85**, 052006 (2012) [HEP entry](#)
- [64] **“A Search for charged massive long-lived particles”**
 V. M. Abazov *et al.* [D0 Collaboration].
 arXiv:1110.3302 [hep-ex]
 10.1103/PhysRevLett.108.121802
 Phys. Rev. Lett. **108**, 121802 (2012) [HEP entry](#)
- [65] **“ $W\gamma$ production and limits on anomalous $WW\gamma$ couplings in $p\bar{p}$ collisions”**
 V. M. Abazov *et al.* [D0 Collaboration].
 arXiv:1109.4432 [hep-ex]
 10.1103/PhysRevLett.107.241803
 Phys. Rev. Lett. **107**, 241803 (2011) [HEP entry](#)
- [66] **“Measurement of the CP-violating phase $\phi_s^{J/\psi\phi}$ using the flavor-tagged decay $B_s^0 \rightarrow J/\psi\phi$ in 8 fb^{-1} of $p\bar{p}$ collisions”**
 V. M. Abazov *et al.* [D0 Collaboration].
 arXiv:1109.3166 [hep-ex]
 10.1103/PhysRevD.85.032006
 Phys. Rev. D **85**, 032006 (2012) [HEP entry](#)
- [67] **“Model independent search for new phenomena in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”**
 V. M. Abazov *et al.* [D0 Collaboration].
 arXiv:1108.5362 [hep-ex]
 10.1103/PhysRevD.85.092015
 Phys. Rev. D **85**, 092015 (2012) [HEP entry](#)

- [68] **“Measurements of single top quark production cross sections and $|V_{tb}|$ in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:1108.3091 [hep-ex]
10.1103/PhysRevD.84.112001
Phys. Rev. D **84**, 112001 (2011) [HEP entry](#)
- [69] **“Forward-backward asymmetry in top quark-antiquark production”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:1107.4995 [hep-ex]
10.1103/PhysRevD.84.112005
Phys. Rev. D **84**, 112005 (2011) [HEP entry](#)
- [70] **“Search for the standard model and a fermiophobic Higgs boson in diphoton final states”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:1107.4587 [hep-ex]
10.1103/PhysRevLett.107.151801
Phys. Rev. Lett. **107**, 151801 (2011) [HEP entry](#)
- [71] **“Search for first generation leptoquark pair production in the electron + missing energy + jets final state”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:1107.1849 [hep-ex]
10.1103/PhysRevD.84.071104
Phys. Rev. D **84**, 071104 (2011) [HEP entry](#)
- [72] **“Search for associated Higgs boson production using like charge dilepton events in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:1107.1268 [hep-ex]
10.1103/PhysRevD.84.092002
Phys. Rev. D **84**, 092002 (2011) [HEP entry](#)
- [73] **“Measurement of the anomalous like-sign dimuon charge asymmetry with 9 fb^{-1} of $p\bar{p}$ collisions”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:1106.6308 [hep-ex]
10.1103/PhysRevD.84.052007
Phys. Rev. D **84**, 052007 (2011) [HEP entry](#)
- [74] **“Precision measurement of the ratio $B(t \rightarrow Wb)/B(t \rightarrow Wq)$ and Extraction of V_{tb} ”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:1106.5436 [hep-ex]
10.1103/PhysRevLett.107.121802
Phys. Rev. Lett. **107**, 121802 (2011) [HEP entry](#)
- [75] **“Search for neutral Minimal Supersymmetric Standard Model Higgs bosons decaying to tau pairs produced in association with b quarks in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:1106.4885 [hep-ex]
10.1103/PhysRevLett.107.121801
Phys. Rev. Lett. **107**, 121801 (2011) [HEP entry](#)
- [76] **“Search for Higgs bosons decaying to $\tau\tau$ pairs in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:1106.4555 [hep-ex]
10.1016/j.physletb.2011.12.050
Phys. Lett. B **707**, 323 (2012) [HEP entry](#)

- [77] **“Search for doubly-charged Higgs boson pair production in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:1106.4250 [hep-ex]
10.1103/PhysRevLett.108.021801
Phys. Rev. Lett. **108**, 021801 (2012) [HEP entry](#)
- [78] **“Bounds on an anomalous dijet resonance in W +jets production in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:1106.1921 [hep-ex]
10.1103/PhysRevLett.107.011804
Phys. Rev. Lett. **107**, 011804 (2011) [HEP entry](#)
- [79] **“Direct measurement of the mass difference between top and antitop quarks”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:1106.2063 [hep-ex]
10.1103/PhysRevD.84.052005
Phys. Rev. D **84**, 052005 (2011) [HEP entry](#)
- [80] **“Measurements of inclusive W +jets production rates as a function of jet transverse momentum in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:1106.1457 [hep-ex]
10.1016/j.physletb.2011.10.011
Phys. Lett. B **705**, 200 (2011) [HEP entry](#)
- [81] **“Precise measurement of the top-quark mass from lepton+jets events at D0”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:1105.6287 [hep-ex]
10.1103/PhysRevD.84.032004
Phys. Rev. D **84**, 032004 (2011) [HEP entry](#)
- [82] **“Measurement of the $t\bar{t}$ production cross section using dilepton events in $p\bar{p}$ collisions”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:1105.5384 [hep-ex]
10.1016/j.physletb.2011.09.046
Phys. Lett. B **704**, 403 (2011) [HEP entry](#)
- [83] **“Tests of a particle flow algorithm with CALICE test beam data”**
C. Adloff *et al.* [CALICE Collaboration].
arXiv:1105.3417 [physics.ins-det]
10.1088/1748-0221/6/07/P07005
JINST **6**, P07005 (2011) [HEP entry](#)
- [84] **“Model-independent measurement of t -channel single top quark production in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:1105.2788 [hep-ex]
10.1016/j.physletb.2011.10.035
Phys. Lett. B **705**, 313 (2011) [HEP entry](#)
- [85] **“Measurement of the production fraction times branching fraction $f(b \rightarrow \Lambda_b) \cdot \mathcal{B}(\Lambda_b \rightarrow J/\psi\Lambda)$ ”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:1105.0690 [hep-ex]
10.1103/PhysRevD.84.031102
Phys. Rev. D **84**, 031102 (2011) [HEP entry](#)
- [86] **“Precise measurement of the top quark mass in the dilepton channel at D0”**
V. M. Abazov *et al.* [D0 Collaboration].

- arXiv:1105.0320 [hep-ex]
 10.1103/PhysRevLett.107.082004
 Phys. Rev. Lett. **107**, 082004 (2011) [HEP entry](#)
- [87] **“Measurement of spin correlation in $t\bar{t}$ production using a matrix element approach”**
 V. M. Abazov *et al.* [D0 Collaboration].
 arXiv:1104.5194 [hep-ex]
 10.1103/PhysRevLett.107.032001
 Phys. Rev. Lett. **107**, 032001 (2011) [HEP entry](#)
- [88] **“Search for a fourth generation t' quark in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”**
 V. M. Abazov *et al.* [D0 Collaboration].
 arXiv:1104.4522 [hep-ex]
 10.1103/PhysRevLett.107.082001
 Phys. Rev. Lett. **107**, 082001 (2011) [HEP entry](#)
- [89] **“Measurement of $\sin^2 \theta_{\text{eff}}^\ell$ and Z -light quark couplings using the forward-backward charge asymmetry in $p\bar{p} \rightarrow Z/\gamma^* \rightarrow e^+e^-$ events with $\mathcal{L} = 5.0 \text{ fb}^{-1}$ at $\sqrt{s} = 1.96$ TeV”**
 V. M. Abazov *et al.* [D0 Collaboration].
 arXiv:1104.4590 [hep-ex]
 10.1103/PhysRevD.84.012007
 Phys. Rev. D **84**, 012007 (2011) [HEP entry](#)
- [90] **“Measurement of the ZZ production cross section in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”**
 V. M. Abazov *et al.* [D0 Collaboration].
 arXiv:1104.3078 [hep-ex]
 10.1103/PhysRevD.84.011103
 Phys. Rev. D **84**, 011103 (2011) [HEP entry](#)
- [91] **“Determination of the pole and $\overline{\text{MS}}$ masses of the top quark from the $t\bar{t}$ cross section”**
 V. M. Abazov *et al.* [D0 Collaboration].
 arXiv:1104.2887 [hep-ex]
 10.1016/j.physletb.2011.08.015
 Phys. Lett. B **703**, 422 (2011) [HEP entry](#)
- [92] **“Measurement of three-jet differential cross sections $d\sigma_{3\text{jet}}/dM_{3\text{jet}}$ in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”**
 V. M. Abazov *et al.* [D0 Collaboration].
 arXiv:1104.1986 [hep-ex]
 10.1016/j.physletb.2011.09.048
 Phys. Lett. B **704**, 434 (2011) [HEP entry](#)
- [93] **“Search for flavor changing neutral currents in decays of top quarks”**
 V. M. Abazov *et al.* [D0 Collaboration].
 arXiv:1103.4574 [hep-ex]
 10.1016/j.physletb.2011.06.014
 Phys. Lett. B **701**, 313 (2011) [HEP entry](#)
- [94] **“Combined CDF and D0 Upper Limits on Standard Model Higgs Boson Production with up to 8.2 fb^{-1} of Data”**
 T. Aaltonen *et al.* [CDF and D0 Collaborations].
 arXiv:1103.3233 [hep-ex] [HEP entry](#)
- [95] **“Measurement of spin correlation in $t\bar{t}$ production using dilepton final states”**
 V. M. Abazov *et al.* [D0 Collaboration].
 arXiv:1103.1871 [hep-ex]
 10.1016/j.physletb.2011.05.077
 Phys. Lett. B **702**, 16 (2011) [HEP entry](#)

- [96] **“Search for the Standard Model Higgs Boson in the $H \rightarrow WW \rightarrow \ell\nu q'\bar{q}$ Decay Channel”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:1101.6079 [hep-ex]
10.1103/PhysRevLett.106.171802
Phys. Rev. Lett. **106**, 171802 (2011) [HEP entry](#)
- [97] **“Determination of α_s using OPAL hadronic event shapes at $\sqrt{s} = 91 - 209$ GeV and resummed NNLO calculations”**
G. Abbiendi *et al.* [OPAL Collaboration].
arXiv:1101.1470 [hep-ex]
10.1140/epjc/s10052-011-1733-z
Eur. Phys. J. C **71**, 1733 (2011) [HEP entry](#)
- [98] **“Azimuthal decorrelations and multiple parton interactions in photon+2 jet and photon+3 jet events in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:1101.1509 [hep-ex]
10.1103/PhysRevD.83.052008
Phys. Rev. D **83**, 052008 (2011) [HEP entry](#)
- [99] **“Measurement of the top quark pair production cross section in the lepton+jets channel in proton-antiproton collisions at $\sqrt{s} = 1.96$ TeV”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:1101.0124 [hep-ex]
10.1103/PhysRevD.84.012008
Phys. Rev. D **84**, 012008 (2011) [HEP entry](#)
- [100] **“Measurement of color flow in $t\bar{t}$ events from $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:1101.0648 [hep-ex]
10.1103/PhysRevD.83.092002
Phys. Rev. D **83**, 092002 (2011) [HEP entry](#)
- [101] **“Search for $W' \rightarrow tb$ resonances with left- and right-handed couplings to fermions”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:1101.0806 [hep-ex]
10.1016/j.physletb.2011.03.066
Phys. Lett. B **699**, 145 (2011) [HEP entry](#)
- [102] **“Electromagnetic response of a highly granular hadronic calorimeter”**
C. Adloff *et al.* [CALICE Collaboration].
arXiv:1012.4343 [physics.ins-det]
10.1088/1748-0221/6/04/P04003
JINST **6**, P04003 (2011) [HEP entry](#)
- [103] **“Search for WH associated production in 5.3 fb^{-1} of $p\bar{p}$ collisions at the Fermilab Tevatron”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:1012.0874 [hep-ex]
10.1016/j.physletb.2011.02.036
Phys. Lett. B **698**, 6 (2011) [HEP entry](#)
- [104] **“Search for resonant WW and WZ production in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:1011.6278 [hep-ex]
10.1103/PhysRevLett.107.011801
Phys. Rev. Lett. **107**, 011801 (2011) [HEP entry](#)
- [105] **“Measurement of the W boson helicity in top quark decays using 5.4 fb^{-1} of $p\bar{p}$ collision data”**

- V. M. Abazov *et al.* [D0 Collaboration].
arXiv:1011.6549 [hep-ex]
10.1103/PhysRevD.83.032009
Phys. Rev. D **83**, 032009 (2011) [HEP entry](#)
- [106] **“Search for neutral Higgs bosons in the multi- b -jet topology in 5.2fb^{-1} of $p\bar{p}$ collisions at $\sqrt{s} = 1.96\text{ TeV}$ ”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:1011.1931 [hep-ex]
10.1016/j.physletb.2011.02.062
Phys. Lett. B **698**, 97 (2011) [HEP entry](#)
- [107] **“A measurement of the ratio of inclusive cross sections $\sigma(p\bar{p} \rightarrow Z + b\text{jet})/\sigma(p\bar{p} \rightarrow Z + \text{jet})$ at $\sqrt{s} = 1.96\text{ TeV}$ ”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:1010.6203 [hep-ex]
10.1103/PhysRevD.83.031105
Phys. Rev. D **83**, 031105 (2011) [HEP entry](#)
- [108] **“Search for single vector-like quarks in $p\bar{p}$ collisions at $\sqrt{s} = 1.96\text{ TeV}$ ”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:1010.1466 [hep-ex]
10.1103/PhysRevLett.106.081801
Phys. Rev. Lett. **106**, 081801 (2011) [HEP entry](#)
- [109] **“Precise study of the Z/γ^* boson transverse momentum distribution in $p\bar{p}$ collisions using a novel technique”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:1010.0262 [hep-ex]
10.1103/PhysRevLett.106.122001
Phys. Rev. Lett. **106**, 122001 (2011) [HEP entry](#)
- [110] **“Determination of the width of the top quark”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:1009.5686 [hep-ex]
10.1103/PhysRevLett.106.022001
Phys. Rev. Lett. **106**, 022001 (2011) [HEP entry](#)
- [111] **“Search for pair production of the scalar top quark in the electron + muon final state”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:1009.5950 [hep-ex]
10.1016/j.physletb.2010.12.052
Phys. Lett. B **696**, 321 (2011) [HEP entry](#)
- [112] **“High mass exclusive diffractive dijet production in $p\bar{p}$ collisions at $\sqrt{s} = 1.96\text{ TeV}$ ”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:1009.2444 [hep-ex]
10.1016/j.physletb.2011.10.013
Phys. Lett. B **705**, 193 (2011) [HEP entry](#)
- [113] **“Measurement of $t\bar{t}$ production in the tau + jets topology using $p\bar{p}$ collisions at $\sqrt{s} = 1.96\text{ TeV}$ ”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:1008.4284 [hep-ex]
10.1103/PhysRevD.82.071102
Phys. Rev. D **82**, 071102 (2010) [HEP entry](#)
- [114] **“Search for $ZH \rightarrow \ell^+\ell^-b\bar{b}$ production in 4.2 fb^{-1} of $p\bar{p}$ collisions at $\sqrt{s} = 1.96\text{ TeV}$ ”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:1008.3564 [hep-ex]

- 10.1103/PhysRevLett.105.251801
Phys. Rev. Lett. **105**, 251801 (2010) [HEP entry](#)
- [115] **“Search for New Fermions (‘Quirks’) at the Fermilab Tevatron Collider”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:1008.3547 [hep-ex]
10.1103/PhysRevLett.105.211803
Phys. Rev. Lett. **105**, 211803 (2010) [HEP entry](#)
- [116] **“Search for events with leptonic jets and missing transverse energy in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:1008.3356 [hep-ex]
10.1103/PhysRevLett.105.211802
Phys. Rev. Lett. **105**, 211802 (2010) [HEP entry](#)
- [117] **“Search for a heavy neutral gauge boson in the dielectron channel with 5.4 fb^{-1} of $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:1008.2023 [hep-ex]
10.1016/j.physletb.2010.10.059
Phys. Lett. B **695**, 88 (2011) [HEP entry](#)
- [118] **“Search for diphoton events with large missing transverse energy in 6.3 fb^{-1} of $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:1008.2133 [hep-ex]
10.1103/PhysRevLett.105.221802
Phys. Rev. Lett. **105**, 221802 (2010) [HEP entry](#)
- [119] **“Search for sneutrino production in e mu final states in 5.3 fb^{-1} of $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:1007.4835 [hep-ex]
10.1103/PhysRevLett.105.191802
Phys. Rev. Lett. **105**, 191802 (2010) [HEP entry](#)
- [120] **“Evidence for an anomalous like-sign dimuon charge asymmetry”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:1007.0395 [hep-ex]
10.1103/PhysRevLett.105.081801
Phys. Rev. Lett. **105**, 081801 (2010) [HEP entry](#)
- [121] **“Search for flavor changing neutral currents via quark-gluon couplings in single top quark production using 2.3 fb^{-1} of $p\bar{p}$ collisions”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:1006.3575 [hep-ex]
10.1016/j.physletb.2010.08.011
Phys. Lett. B **693**, 81 (2010) [HEP entry](#)
- [122] **“Search for the rare decay $B_s^0 \rightarrow \mu^+ \mu^-$ ”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:1006.3469 [hep-ex]
10.1016/j.physletb.2010.09.024
Phys. Lett. B **693**, 539 (2010) [HEP entry](#)
- [123] **“Measurement of the $WZ \rightarrow \ell\nu\ell\ell$ cross section and limits on anomalous triple gauge couplings in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:1006.0761 [hep-ex]

- 10.1016/j.physletb.2010.10.047
Phys. Lett. B **695**, 67 (2011) [HEP entry](#)
- [124] **“Measurement of the normalized $Z/\gamma^* \rightarrow \mu^+\mu^-$ transverse momentum distribution in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:1006.0618 [hep-ex]
10.1016/j.physletb.2010.09.012
Phys. Lett. B **693**, 522 (2010) [HEP entry](#)
- [125] **“Search for scalar bottom quarks and third-generation leptoquarks in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:1005.2222 [hep-ex]
10.1016/j.physletb.2010.08.028
Phys. Lett. B **693**, 95 (2010) [HEP entry](#)
- [126] **“Evidence for an anomalous like-sign dimuon charge asymmetry”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:1005.2757 [hep-ex]
10.1103/PhysRevD.82.032001
Phys. Rev. D **82**, 032001 (2010) [HEP entry](#)
- [127] **“Combined Tevatron upper limit on $gg \rightarrow H \rightarrow W^+W^-$ and constraints on the Higgs boson mass in fourth-generation fermion models”**
T. Aaltonen *et al.* [CDF and D0 Collaborations].
arXiv:1005.3216 [hep-ex]
10.1103/PhysRevD.82.011102
Phys. Rev. D **82**, 011102 (2010) [HEP entry](#)
- [128] **“Search for Randall-Sundrum gravitons in the dielectron and diphoton final states with 5.4 fb^{-1} of data from $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:1004.1826 [hep-ex]
10.1103/PhysRevLett.104.241802
Phys. Rev. Lett. **104**, 241802 (2010) [HEP entry](#)
- [129] **“The International Large Detector: Letter of Intent”**
T. Abe *et al.* [ILD Concept Group - Linear Collider Collaboration].
arXiv:1006.3396 [hep-ex]
DESY 2009-87, FERMILAB-PUB-09-682-E, KEK Report 2009-6, February 2010. [HEP entry](#)
- [130] **“CALICE Report to the DESY Physics Research Committee”**
C. Adloff *et al.* [CALICE Collaboration].
arXiv:1003.1394 [physics.ins-det] [HEP entry](#)
- [131] **“Measurement of direct photon pair production cross sections in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:1002.4917 [hep-ex]
10.1016/j.physletb.2010.05.017
Phys. Lett. B **690**, 108 (2010) [HEP entry](#)
- [132] **“Measurement of the dijet invariant mass cross section in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:1002.4594 [hep-ex]
10.1016/j.physletb.2010.09.013
Phys. Lett. B **693**, 531 (2010) [HEP entry](#)

- [133] **“*b*-Jet Identification in the D0 Experiment”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:1002.4224 [hep-ex]
10.1016/j.nima.2010.03.118
Nucl. Instrum. Meth. A **620**, 490 (2010) [HEP entry](#)
- [134] **“Combination of Tevatron searches for the standard model Higgs boson in the W^+W^- decay mode”**
T. Aaltonen *et al.* [CDF and D0 Collaborations].
arXiv:1001.4162 [hep-ex]
10.1103/PhysRevLett.104.061802
Phys. Rev. Lett. **104**, 061802 (2010) [HEP entry](#)
- [135] **“Search for Higgs boson production in dilepton and missing energy final states with $\approx 5.4 \text{ fb}^{-1}$ of $p\bar{p}$ collisions at $\sqrt{s} = 1.96 \text{ TeV}$ ”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:1001.4481 [hep-ex]
10.1103/PhysRevLett.104.061804
Phys. Rev. Lett. **104**, 061804 (2010) [HEP entry](#)
- [136] **“Dependence of the $t\bar{t}$ production cross section on the transverse momentum of the top quark”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:1001.1900 [hep-ex]
10.1016/j.physletb.2010.09.011
Phys. Lett. B **693**, 515 (2010) [HEP entry](#)
- [137] **“Search for the standard model Higgs boson in the $ZH \rightarrow \nu\bar{\nu}b\bar{b}$ channel in 5.2 fb^{-1} of $p\bar{p}$ collisions at $\sqrt{s} = 1.96 \text{ TeV}$ ”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:0912.5285 [hep-ex]
10.1103/PhysRevLett.104.071801
Phys. Rev. Lett. **104**, 071801 (2010) [HEP entry](#)
- [138] **“Double parton interactions in photon+3 jet events in $p\bar{p}$ collisions $\sqrt{s} = 1.96 \text{ TeV}$ ”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:0912.5104 [hep-ex]
10.1103/PhysRevD.81.052012
Phys. Rev. D **81**, 052012 (2010) [HEP entry](#)
- [139] **“Search for single top quarks in the tau+jets channel using 4.8 fb^{-1} of $p\bar{p}$ collision data”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:0912.1066 [hep-ex]
10.1016/j.physletb.2010.05.003
Phys. Lett. B **690**, 5 (2010) [HEP entry](#)
- [140] **“Search for the associated production of a b quark and a neutral supersymmetric Higgs boson which decays to tau pairs”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:0912.0968 [hep-ex]
10.1103/PhysRevLett.104.151801
Phys. Rev. Lett. **104**, 151801 (2010) [HEP entry](#)
- [141] **“Search for a resonance decaying into WZ boson pairs in $p\bar{p}$ collisions”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:0912.0715 [hep-ex]
10.1103/PhysRevLett.104.061801
Phys. Rev. Lett. **104**, 061801 (2010) [HEP entry](#)

- [142] **“Measurement of the $t\bar{t}$ cross section using high-multiplicity jet events”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:0911.4286 [hep-ex]
10.1103/PhysRevD.82.032002
Phys. Rev. D **82**, 032002 (2010) [HEP entry](#)
- [143] **“ Σ^- - antihyperon correlations in Z^0 decay and investigation of the baryon production mechanism”**
G. Abbiendi *et al.* [OPAL Collaboration].
arXiv:0910.2174 [hep-ex]
10.1140/epjc/s10052-009-1175-z
Eur. Phys. J. C **64**, 609 (2009) [HEP entry](#)
- [144] **“Determination of the strong coupling constant from the inclusive jet cross section in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:0911.2710 [hep-ex]
10.1103/PhysRevD.80.111107
Phys. Rev. D **80**, 111107 (2009) [HEP entry](#)
- [145] **“Direct measurement of the W boson width”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:0909.4814 [hep-ex]
10.1103/PhysRevLett.103.231802
Phys. Rev. Lett. **103**, 231802 (2009) [HEP entry](#)
- [146] **“Search for charged Higgs bosons in top quark decays”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:0908.1811 [hep-ex]
10.1016/j.physletb.2009.11.016
Phys. Lett. B **682**, 278 (2009) [HEP entry](#)
- [147] **“Measurement of the W boson mass”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:0908.0766 [hep-ex]
10.1103/PhysRevLett.103.141801
Phys. Rev. Lett. **103**, 141801 (2009) [HEP entry](#)
- [148] **“Combined measurements of anomalous charged trilinear gauge-boson couplings from diboson production in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:0907.4952 [hep-ex] [HEP entry](#)
- [149] **“Measurement of trilinear gauge boson couplings from $WW + WZ \rightarrow \ell\nu jj$ events in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:0907.4398 [hep-ex]
10.1103/PhysRevD.80.053012
Phys. Rev. D **80**, 053012 (2009) [HEP entry](#)
- [150] **“Measurement of $Z/\gamma^* + \text{jet} + X$ angular distributions in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:0907.4286 [hep-ex]
10.1016/j.physletb.2009.11.012
Phys. Lett. B **682**, 370 (2010) [HEP entry](#)
- [151] **“Measurement of the t-channel single top quark production cross section”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:0907.4259 [hep-ex]
10.1016/j.physletb.2009.11.038
Phys. Lett. B **682**, 363 (2010) [HEP entry](#)

- [152] **“A novel method for modeling the recoil in W boson events at hadron colliders”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:0907.3713 [hep-ex]
10.1016/j.nima.2009.08.056
Nucl. Instrum. Meth. A **609**, 250 (2009) [HEP entry](#)
- [153] **“Search for pair production of first-generation leptoquarks in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:0907.1048 [hep-ex]
10.1016/j.physletb.2009.10.016
Phys. Lett. B **681**, 224 (2009) [HEP entry](#)
- [154] **“Search for charged Higgs bosons in decays of top quarks”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:0906.5326 [hep-ex]
10.1103/PhysRevD.80.051107
Phys. Rev. D **80**, 051107 (2009) [HEP entry](#)
- [155] **“Measurement of dijet angular distributions at $\sqrt{s} = 1.96$ TeV and searches for quark compositeness and extra spatial dimensions”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:0906.4819 [hep-ex]
10.1103/PhysRevLett.103.191803
Phys. Rev. Lett. **103**, 191803 (2009) [HEP entry](#)
- [156] **“Search for Resonant Pair Production of long-lived particles decaying to $b\bar{b}$ in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:0906.1787 [hep-ex]
10.1103/PhysRevLett.103.071801
Phys. Rev. Lett. **103**, 071801 (2009) [HEP entry](#)
- [157] **“Direct measurement of the mass difference between top and antitop quarks”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:0906.1172 [hep-ex]
10.1103/PhysRevLett.103.132001
Phys. Rev. Lett. **103**, 132001 (2009) [HEP entry](#)
- [158] **“Search for squark production in events with jets, hadronically decaying tau leptons and missing transverse energy at $\sqrt{s} = 1.96$ TeV”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:0905.4086 [hep-ex]
10.1016/j.physletb.2009.08.002
Phys. Lett. B **680**, 24 (2009) [HEP entry](#)
- [159] **“Search for NMSSM Higgs bosons in the $h \rightarrow aa \rightarrow \mu\mu\mu\mu, \mu\mu\tau\tau$ channels using $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:0905.3381 [hep-ex]
10.1103/PhysRevLett.103.061801
Phys. Rev. Lett. **103**, 061801 (2009) [HEP entry](#)
- [160] **“Search for dark photons from supersymmetric hidden valleys”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:0905.1478 [hep-ex]
10.1103/PhysRevLett.103.081802
Phys. Rev. Lett. **103**, 081802 (2009) [HEP entry](#)

- [161] **“Search for CP violation in semileptonic B_s decays”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:0904.3907 [hep-ex]
10.1103/PhysRevD.82.012003, 10.1103/PhysRevD.83.119901
Phys. Rev. D **82**, 012003 (2010), [Erratum-ibid. D **83**, 119901 (2011)] [HEP entry](#)
- [162] **“Measurement of the top quark mass in final states with two leptons”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:0904.3195 [hep-ex]
10.1103/PhysRevD.80.092006
Phys. Rev. D **80**, 092006 (2009) [HEP entry](#)
- [163] **“Measurement of the WW production cross section with dilepton final states in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV and limits on anomalous trilinear gauge couplings”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:0904.0673 [hep-ex]
10.1103/PhysRevLett.103.191801
Phys. Rev. Lett. **103**, 191801 (2009) [HEP entry](#)
- [164] **“Combination of $t\bar{t}$ cross section measurements and constraints on the mass of the top quark and its decays into charged Higgs bosons”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:0903.5525 [hep-ex]
10.1103/PhysRevD.80.071102
Phys. Rev. D **80**, 071102 (2009) [HEP entry](#)
- [165] **“Search for the standard model Higgs boson in tau final states”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:0903.4800 [hep-ex]
10.1103/PhysRevLett.102.251801
Phys. Rev. Lett. **102**, 251801 (2009) [HEP entry](#)
- [166] **“Measurements of differential cross sections of $Z/\gamma^* + \text{jets} + X$ events in proton anti-proton collisions at $\sqrt{s} = 1.96$ TeV”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:0903.1748 [hep-ex]
10.1016/j.physletb.2009.05.058
Phys. Lett. B **678**, 45 (2009) [HEP entry](#)
- [167] **“Observation of Single Top Quark Production”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:0903.0850 [hep-ex]
10.1103/PhysRevLett.103.092001
Phys. Rev. Lett. **103**, 092001 (2009) [HEP entry](#)
- [168] **“Measurement of the $Z\gamma \rightarrow \nu\bar{\nu}\gamma$ cross section and limits on anomalous $ZZ\gamma$ and $Z\gamma\gamma$ couplings in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:0902.2157 [hep-ex]
10.1103/PhysRevLett.102.201802
Phys. Rev. Lett. **102**, 201802 (2009) [HEP entry](#)
- [169] **“Measurement of the $t\bar{t}$ production cross section and top quark mass extraction using dilepton events in $p\bar{p}$ collisions”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:0901.2137 [hep-ex]
10.1016/j.physletb.2009.07.032
Phys. Lett. B **679**, 177 (2009) [HEP entry](#)

- [170] **“Search for Resonant Diphoton Production with the D0 Detector”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:0901.1887 [hep-ex]
10.1103/PhysRevLett.102.231801
Phys. Rev. Lett. **102**, 231801 (2009) [HEP entry](#)
- [171] **“Search for admixture of scalar top quarks in the $t\bar{t}$ lepton+jets final state at $\sqrt{s} = 1.96$ TeV”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:0901.1063 [hep-ex]
10.1016/j.physletb.2009.02.027
Phys. Lett. B **674**, 4 (2009) [HEP entry](#)
- [172] **“Measurement of $\gamma + b + X$ and $\gamma + c + X$ production cross sections in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:0901.0739 [hep-ex]
10.1103/PhysRevLett.102.192002
Phys. Rev. Lett. **102**, 192002 (2009) [HEP entry](#)
- [173] **“Search for associated production of charginos and neutralinos in the trilepton final state using 2.3 fb^{-1} of data”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:0901.0646 [hep-ex]
10.1016/j.physletb.2009.08.011
Phys. Lett. B **680**, 34 (2009) [HEP entry](#)
- [174] **“Search for anomalous top quark couplings with the D0 detector”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:0901.0151 [hep-ex]
10.1103/PhysRevLett.102.092002
Phys. Rev. Lett. **102**, 092002 (2009) [HEP entry](#)
- [175] **“Search for Charged Higgs Bosons in e^+e^- Collisions at $\sqrt{s} = 189 - 209$ GeV”**
G. Abbiendi *et al.* [OPAL Collaboration].
arXiv:0812.0267 [hep-ex]
10.1140/epjc/s10052-012-2076-0
Eur. Phys. J. C **72**, 2076 (2012) [HEP entry](#)
- [176] **“Evidence for decay $B_s^0 \rightarrow D_s^{(*)} D_s^{(*)}$ and a measurement of $\Delta\Gamma_s^{CP}/\Gamma_s$ ”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:0811.2173 [hep-ex]
10.1103/PhysRevLett.102.091801
Phys. Rev. Lett. **102**, 091801 (2009) [HEP entry](#)
- [177] **“Search for the lightest scalar top quark in events with two leptons in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:0811.0459 [hep-ex]
10.1016/j.physletb.2009.04.039
Phys. Lett. B **675**, 289 (2009) [HEP entry](#)
- [178] **“Search for neutral Higgs bosons at high $\tan\beta$ in the $b(h/H/A) \rightarrow b\tau^+\tau^-$ channel”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:0811.0024 [hep-ex]
10.1103/PhysRevLett.102.051804
Phys. Rev. Lett. **102**, 051804 (2009) [HEP entry](#)
- [179] **“Evidence of $WW + WZ$ production with lepton + jets final states in proton-antiproton collisions at $\sqrt{s} = 1.96$ TeV”**

- V. M. Abazov *et al.* [D0 Collaboration].
arXiv:0810.3873 [hep-ex]
10.1103/PhysRevLett.102.161801
Phys. Rev. Lett. **102**, 161801 (2009) [HEP entry](#)
- [180] **“Measurement of the angular and lifetime parameters of the decays $B_d^0 \rightarrow J/\psi K^{*0}$ and $B_s^0 \rightarrow J/\psi \phi$ ”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:0810.0037 [hep-ex]
10.1103/PhysRevLett.102.032001
Phys. Rev. Lett. **102**, 032001 (2009) [HEP entry](#)
- [181] **“Search for Long-Lived Charged Massive Particles with the D0 Detector”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:0809.4472 [hep-ex]
10.1103/PhysRevLett.102.161802
Phys. Rev. Lett. **102**, 161802 (2009) [HEP entry](#)
- [182] **“Search for large extra spatial dimensions in the di-electron and di-photon channels in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:0809.2813 [hep-ex]
10.1103/PhysRevLett.102.051601
Phys. Rev. Lett. **102**, 051601 (2009) [HEP entry](#)
- [183] **“Observation of the doubly strange b baryon Ω_b^- ”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:0808.4142 [hep-ex]
10.1103/PhysRevLett.101.232002
Phys. Rev. Lett. **101**, 232002 (2008) [HEP entry](#)
- [184] **“Search for pair production of second generation scalar leptoquarks”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:0808.4023 [hep-ex]
10.1016/j.physletb.2008.12.017
Phys. Lett. B **671**, 224 (2009) [HEP entry](#)
- [185] **“A Search for associated W and Higgs Boson production in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:0808.1970 [hep-ex]
10.1103/PhysRevLett.102.051803
Phys. Rev. Lett. **102**, 051803 (2009) [HEP entry](#)
- [186] **“Measurement of $\sigma(p\bar{p} \rightarrow Z + X)\text{BR}(Z \rightarrow \tau^+\tau^-)$ at $\sqrt{s} = 1.96$ TeV”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:0808.1306 [hep-ex]
10.1016/j.physletb.2008.11.010
Phys. Lett. B **670**, 292 (2009) [HEP entry](#)
- [187] **“Measurement of differential $Z/\gamma^* + \text{jet} + X$ cross sections in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:0808.1296 [hep-ex]
10.1016/j.physletb.2008.09.060
Phys. Lett. B **669**, 278 (2008) [HEP entry](#)
- [188] **“A search for the standard model Higgs boson in the missing energy and acoplanar b-jet topology at $\sqrt{s} = 1.96$ TeV”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:0808.1266 [hep-ex]

- 10.1103/PhysRevLett.101.251802
 Phys. Rev. Lett. **101**, 251802 (2008) [HEP entry](#)
- [189] **“Atmospheric Consequences of Cosmic Ray Variability in the Extragalactic Shock Model II: Revised ionization levels and their consequences”**
 A. L. Melott, A. J. Krejci, B. C. Thomas, M. V. Medvedev, G. W. Wilson and M. J. Murray.
 arXiv:0808.0915 [astro-ph]
 J. Geophys. Res. Planets **115**, E08002 (2010) [HEP entry](#)
- [190] **“Observation of ZZ production in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”**
 V. M. Abazov *et al.* [D0 Collaboration].
 arXiv:0808.0703 [hep-ex]
 10.1103/PhysRevLett.101.171803
 Phys. Rev. Lett. **101**, 171803 (2008) [HEP entry](#)
- [191] **“Search for scalar leptoquarks and T-odd quarks in the acoplanar jet topology using 2.5 fb⁻¹ of $p\bar{p}$ collision data at $\sqrt{s} = 1.96$ TeV”**
 V. M. Abazov *et al.* [D0 Collaboration].
 arXiv:0808.0446 [hep-ex]
 10.1016/j.physletb.2008.09.014
 Phys. Lett. B **668**, 357 (2008) [HEP entry](#)
- [192] **“ZZ $\rightarrow \ell^+\ell^-\nu\bar{\nu}$ production in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”**
 V. M. Abazov *et al.* [D0 Collaboration].
 arXiv:0808.0269 [hep-ex]
 10.1103/PhysRevD.78.072002
 Phys. Rev. D **78**, 072002 (2008) [HEP entry](#)
- [193] **“Measurement of the electron charge asymmetry in $p\bar{p} \rightarrow W + X \rightarrow e\nu + X$ events at $\sqrt{s} = 1.96$ TeV”**
 V. M. Abazov *et al.* [D0 Collaboration].
 arXiv:0807.3367 [hep-ex]
 10.1103/PhysRevLett.101.211801
 Phys. Rev. Lett. **101**, 211801 (2008) [HEP entry](#)
- [194] **“Precise measurement of the top quark mass from lepton+jets events at D0”**
 V. M. Abazov *et al.* [D0 Collaboration].
 arXiv:0807.2141 [hep-ex]
 10.1103/PhysRevLett.101.182001
 Phys. Rev. Lett. **101**, 182001 (2008) [HEP entry](#)
- [195] **“Search for anomalous Wtb couplings in single top quark production”**
 V. M. Abazov *et al.* [D0 Collaboration].
 arXiv:0807.1692 [hep-ex]
 10.1103/PhysRevLett.101.221801
 Phys. Rev. Lett. **101**, 221801 (2008) [HEP entry](#)
- [196] **“Search for charged Higgs bosons decaying to top and bottom quarks in $p\bar{p}$ collisions”**
 V. M. Abazov *et al.* [D0 Collaboration].
 arXiv:0807.0859 [hep-ex]
 10.1103/PhysRevLett.102.191802
 Phys. Rev. Lett. **102**, 191802 (2009) [HEP entry](#)
- [197] **“Search for third generation scalar leptoquarks decaying into τb ”**
 V. M. Abazov *et al.* [D0 Collaboration].
 arXiv:0806.3527 [hep-ex]
 10.1103/PhysRevLett.101.241802
 Phys. Rev. Lett. **101**, 241802 (2008) [HEP entry](#)

- [198] **“Search for long-lived particles decaying into electron or photon pairs with the D0 detector”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:0806.2223 [hep-ex]
10.1103/PhysRevLett.101.111802
Phys. Rev. Lett. **101**, 111802 (2008) [HEP entry](#)
- [199] **“Search for a scalar or vector particle decaying into $Z\gamma$ in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:0806.0611 [hep-ex]
10.1016/j.physletb.2008.12.009
Phys. Lett. B **671**, 349 (2009) [HEP entry](#)
- [200] **“Search for neutral Higgs bosons in multi-b-jet events in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:0805.3556 [hep-ex]
10.1103/PhysRevLett.101.221802
Phys. Rev. Lett. **101**, 221802 (2008) [HEP entry](#)
- [201] **“Measurement of the lifetime of the B_c^\pm meson in the semileptonic decay channel”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:0805.2614 [hep-ex]
10.1103/PhysRevLett.102.092001
Phys. Rev. Lett. **102**, 092001 (2009) [HEP entry](#)
- [202] **“Relative rates of B meson decays into ψ_{2S} and J/ψ mesons”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:0805.2576 [hep-ex]
10.1103/PhysRevD.79.111102
Phys. Rev. D **79**, 111102 (2009) [HEP entry](#)
- [203] **“Search for Higgs bosons decaying to τ pairs in $p\bar{p}$ collisions with the D0 detector”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:0805.2491 [hep-ex]
10.1103/PhysRevLett.101.071804
Phys. Rev. Lett. **101**, 071804 (2008) [HEP entry](#)
- [204] **“Search for $t\bar{t}$ resonances in the lepton plus jets final state in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:0804.3664 [hep-ex]
10.1016/j.physletb.2008.08.027
Phys. Lett. B **668**, 98 (2008) [HEP entry](#)
- [205] **“Measurement of the forward-backward charge asymmetry and extraction of $\sin^2\theta_W^{\text{eff}}$ in $p\bar{p} \rightarrow Z/\gamma^* + X \rightarrow e^+e^- + X$ events produced at $\sqrt{s} = 1.96$ TeV”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:0804.3220 [hep-ex]
10.1103/PhysRevLett.101.191801
Phys. Rev. Lett. **101**, 191801 (2008) [HEP entry](#)
- [206] **“Measurement of the polarization of the Υ_{1S} and Υ_{2S} states in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:0804.2799 [hep-ex]
10.1103/PhysRevLett.101.182004
Phys. Rev. Lett. **101**, 182004 (2008) [HEP entry](#)
- [207] **“Measurement of the differential cross-section for the production of an isolated photon with associated jet in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”**
V. M. Abazov *et al.* [D0 Collaboration].

- arXiv:0804.1107 [hep-ex]
 10.1016/j.physletb.2008.06.076
 Phys. Lett. B **666**, 435 (2008) [HEP entry](#)
- [208] **“Search for W' Boson Resonances Decaying to a Top Quark and a Bottom Quark”**
 V. M. Abazov *et al.* [D0 Collaboration].
 arXiv:0803.3256 [hep-ex]
 10.1103/PhysRevLett.100.211803
 Phys. Rev. Lett. **100**, 211803 (2008) [HEP entry](#)
- [209] **“Measurement of the $t\bar{t}$ production cross section in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”**
 V. M. Abazov *et al.* [D0 Collaboration].
 arXiv:0803.2779 [hep-ex]
 10.1103/PhysRevLett.100.192004
 Phys. Rev. Lett. **100**, 192004 (2008) [HEP entry](#)
- [210] **“Search for scalar top quarks in the acoplanar charm jets and missing transverse energy final state in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”**
 V. M. Abazov *et al.* [D0 Collaboration].
 arXiv:0803.2263 [hep-ex]
 10.1016/j.physletb.2008.05.037
 Phys. Lett. B **665**, 1 (2008) [HEP entry](#)
- [211] **“Measurement of the ratio of the $p\bar{p} \rightarrow W + c$ -jet cross section to the inclusive $p\bar{p} \rightarrow W +$ jets cross section”**
 V. M. Abazov *et al.* [D0 Collaboration].
 arXiv:0803.2259 [hep-ex]
 10.1016/j.physletb.2008.06.067
 Phys. Lett. B **666**, 23 (2008) [HEP entry](#)
- [212] **“Search for large extra dimensions via single photon plus missing energy final states at $\sqrt{s} = 1.96$ TeV”**
 V. M. Abazov *et al.* [D0 Collaboration].
 arXiv:0803.2137 [hep-ex]
 10.1103/PhysRevLett.101.011601
 Phys. Rev. Lett. **101**, 011601 (2008) [HEP entry](#)
- [213] **“Search for pair production of doubly-charged Higgs bosons in the $H^{++}H^{--} \rightarrow \mu^+\mu^+\mu^-\mu^-$ final state at D0”**
 V. M. Abazov *et al.* [D0 Collaboration].
 arXiv:0803.1534 [hep-ex]
 10.1103/PhysRevLett.101.071803
 Phys. Rev. Lett. **101**, 071803 (2008) [HEP entry](#)
- [214] **“Search for decay of a fermiophobic Higgs boson $h_f \rightarrow \gamma\gamma$ with the D0 detector at $\sqrt{s} = 1.96$ TeV”**
 V. M. Abazov *et al.* [D0 Collaboration].
 arXiv:0803.1514 [hep-ex]
 10.1103/PhysRevLett.101.051801
 Phys. Rev. Lett. **101**, 051801 (2008) [HEP entry](#)
- [215] **“Evidence for production of single top quarks”**
 V. M. Abazov *et al.* [D0 Collaboration].
 arXiv:0803.0739 [hep-ex]
 10.1103/PhysRevD.78.012005
 Phys. Rev. D **78**, 012005 (2008) [HEP entry](#)
- [216] **“First study of the radiation-amplitude zero in $W\gamma$ production and limits on anomalous $WW\gamma$ couplings at $\sqrt{s} = 1.96$ TeV”**
 V. M. Abazov *et al.* [D0 Collaboration].

- arXiv:0803.0030 [hep-ex]
 10.1103/PhysRevLett.100.241805
 Phys. Rev. Lett. **100**, 241805 (2008) [HEP entry](#)
- [217] **“Observation of the B_c Meson in the Exclusive Decay $B_c \rightarrow J/\psi\pi$ ”**
 V. M. Abazov *et al.* [D0 Collaboration].
 arXiv:0802.4258 [hep-ex]
 10.1103/PhysRevLett.101.012001
 Phys. Rev. Lett. **101**, 012001 (2008) [HEP entry](#)
- [218] **“Study of direct CP violation in $B^\pm \rightarrow J/\psi K^\pm(\pi^\pm)$ decays”**
 V. M. Abazov *et al.* [D0 Collaboration].
 arXiv:0802.3299 [hep-ex]
 10.1103/PhysRevLett.100.211802
 Phys. Rev. Lett. **100**, 211802 (2008) [HEP entry](#)
- [219] **“Measurement of the inclusive jet cross-section in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”**
 V. M. Abazov *et al.* [D0 Collaboration].
 arXiv:0802.2400 [hep-ex]
 10.1103/PhysRevLett.101.062001
 Phys. Rev. Lett. **101**, 062001 (2008) [HEP entry](#)
- [220] **“Measurement of B_s^0 mixing parameters from the flavor-tagged decay $B_s^0 \rightarrow J/\psi\phi$ ”**
 V. M. Abazov *et al.* [D0 Collaboration].
 arXiv:0802.2255 [hep-ex]
 10.1103/PhysRevLett.101.241801
 Phys. Rev. Lett. **101**, 241801 (2008) [HEP entry](#)
- [221] **“Measurement of α_S with radiative hadronic events”**
 G. Abbiendi *et al.* [OPAL Collaboration].
 10.1140/epjc/s10052-007-0470-9
 Eur. Phys. J. C **53**, 21 (2008). [HEP entry](#)
- [222] **“Simultaneous measurement of the ratio $B(t \rightarrow Wb) / B(t \rightarrow Wq)$ and the top quark pair production cross section with the D0 detector at $\sqrt{s} = 1.96$ TeV”**
 V. M. Abazov *et al.* [D0 Collaboration].
 arXiv:0801.1326 [hep-ex]
 10.1103/PhysRevLett.100.192003
 Phys. Rev. Lett. **100**, 192003 (2008) [HEP entry](#)
- [223] **“Search for excited electrons in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”**
 V. M. Abazov *et al.* [D0 Collaboration].
 arXiv:0801.0877 [hep-ex]
 10.1103/PhysRevD.77.091102
 Phys. Rev. D **77**, 091102 (2008) [HEP entry](#)
- [224] **“Measurement of α_S with Radiative Hadronic Events”**
 G. Abbiendi *et al.* [OPAL Collaboration].
 arXiv:0902.1128 [hep-ex] [HEP entry](#)
- [225] **“Search for squarks and gluinos in events with jets and missing transverse energy using 2.1 fb^{-1} of $p\bar{p}$ collision data at $\sqrt{s} = 1.96$ TeV”**
 V. M. Abazov *et al.* [D0 Collaboration].
 arXiv:0712.3805 [hep-ex]
 10.1016/j.physletb.2008.01.042
 Phys. Lett. B **660**, 449 (2008) [HEP entry](#)
- [226] **“Measurement of the B_s^0 semileptonic branching ratio to an orbitally excited D_s state, $\text{Br}(B_s^0 \rightarrow D_{s1}^-(2536)\mu^+\nu X)$ ”**
 V. M. Abazov *et al.* [D0 Collaboration].
 arXiv:0712.3789 [hep-ex]

- 10.1103/PhysRevLett.102.051801
Phys. Rev. Lett. **102**, 051801 (2009) [HEP entry](#)
- [227] **“ILC Reference Design Report Volume 4 - Detectors”**
T. Behnke *et al.* [ILC Collaboration].
arXiv:0712.2356 [physics.ins-det]
[HEP entry](#)
- [228] **“ILC Reference Design Report: ILC Global Design Effort and World Wide Study”**
J. Brau *et al.* [ILC Collaboration].
arXiv:0712.1950 [physics.acc-ph]
[HEP entry](#)
- [229] **“First measurement of the forward-backward charge asymmetry in top quark pair production”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:0712.0851 [hep-ex]
10.1103/PhysRevLett.100.142002
Phys. Rev. Lett. **100**, 142002 (2008) [HEP entry](#)
- [230] **“Measurement of the shape of the boson transverse momentum distribution in $p\bar{p} \rightarrow Z/\gamma^* \rightarrow e^+e^- + X$ events produced at $\sqrt{s} = 1.96$ TeV”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:0712.0803 [hep-ex]
10.1103/PhysRevLett.100.102002
Phys. Rev. Lett. **100**, 102002 (2008) [HEP entry](#)
- [231] **“Search for ZZ and $Z\gamma^*$ production in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV and limits on anomalous ZZZ and $ZZ\gamma^*$ couplings”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:0712.0599 [hep-ex]
10.1103/PhysRevLett.100.131801
Phys. Rev. Lett. **100**, 131801 (2008) [HEP entry](#)
- [232] **“A Combined search for the standard model Higgs boson at $\sqrt{s} = 1.96$ TeV”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:0712.0598 [hep-ex]
10.1016/j.physletb.2008.02.069
Phys. Lett. B **663**, 26 (2008) [HEP entry](#)
- [233] **“Search for Scalar Neutrino Superpartners in $e + \mu$ Final States in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:0711.3207 [hep-ex]
10.1103/PhysRevLett.100.241803
Phys. Rev. Lett. **100**, 241803 (2008) [HEP entry](#)
- [234] **“Model-independent measurement of the W boson helicity in top quark decays at D0”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:0711.0032 [hep-ex]
10.1103/PhysRevLett.100.062004
Phys. Rev. Lett. **100**, 062004 (2008) [HEP entry](#)
- [235] **“Observation and properties of the orbitally excited B_{s2}^* meson”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:0711.0319 [hep-ex]
10.1103/PhysRevLett.100.082002
Phys. Rev. Lett. **100**, 082002 (2008) [HEP entry](#)

- [236] **“Search for supersymmetry in di-photon final states at $\sqrt{s} = 1.96$ TeV”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:0710.3946 [hep-ex]
10.1016/j.physletb.2007.12.006
Phys. Lett. B **659**, 856 (2008) [HEP entry](#)
- [237] **“Search for Randall-Sundrum gravitons with 1 fb^{-1} of data from $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:0710.3338 [hep-ex]
10.1103/PhysRevLett.100.091802
Phys. Rev. Lett. **100**, 091802 (2008) [HEP entry](#)
- [238] **“Search for W' bosons decaying to an electron and a neutrino with the D0 detector”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:0710.2966 [hep-ex]
10.1103/PhysRevLett.100.031804
Phys. Rev. Lett. **100**, 031804 (2008) [HEP entry](#)
- [239] **“Measurement of the muon charge asymmetry from W boson decays”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:0709.4254 [hep-ex]
10.1103/PhysRevD.77.011106
Phys. Rev. D **77**, 011106 (2008) [HEP entry](#)
- [240] **“Measurement of the $p\bar{p} \rightarrow WZ + X$ cross-section at $\sqrt{s} = 1.96$ TeV and limits on WWZ trilinear gauge couplings”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:0709.2917 [hep-ex]
10.1103/PhysRevD.76.111104
Phys. Rev. D **76**, 111104 (2007) [HEP entry](#)
- [241] **“International Linear Collider Reference Design Report Volume 2: Physics at the ILC”**
G. Aarons *et al.* [ILC Collaboration].
arXiv:0709.1893 [hep-ph]
[HEP entry](#)
- [242] **“Search for flavor-changing-neutral-current D meson decays”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:0708.2094 [hep-ex]
10.1103/PhysRevLett.100.101801
Phys. Rev. Lett. **100**, 101801 (2008) [HEP entry](#)
- [243] **“Measurement of the $e^+e^- \rightarrow W^+W^-$ cross section and W decay branching fractions at LEP”**
G. Abbiendi *et al.* [OPAL Collaboration].
arXiv:0708.1311 [hep-ex]
10.1140/epjc/s10052-007-0442-0
Eur. Phys. J. C **52**, 767 (2007) [HEP entry](#)
- [244] **“Bose-Einstein study of position-momentum correlations of charged pions in hadronic Z^0 decays”**
G. Abbiendi *et al.* [OPAL Collaboration].
arXiv:0708.1122 [hep-ex]
10.1140/epjc/s10052-007-0443-z
Eur. Phys. J. C **52**, 787 (2007) [HEP entry](#)
- [245] **“Search for $B_s \rightarrow \mu^+\mu^-$ at D0”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:0707.3997 [hep-ex]

- 10.1103/PhysRevD.76.092001
Phys. Rev. D **76**, 092001 (2007) [HEP entry](#)
- [246] **“Search for the lightest scalar top quark in events with two leptons in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:0707.2864 [hep-ex]
10.1016/j.physletb.2007.11.086
Phys. Lett. B **659**, 500 (2008) [HEP entry](#)
- [247] **“Search for Dirac magnetic monopoles in e^+e^- collisions with the OPAL detector at LEP2”**
G. Abbiendi *et al.* [OPAL Collaboration].
arXiv:0707.0404 [hep-ex]
10.1016/j.physletb.2008.03.057
Phys. Lett. B **663**, 37 (2008) [HEP entry](#)
- [248] **“Search for invisibly decaying Higgs bosons in $e^+e^- \rightarrow Z^0h^0$ production at $\sqrt{s} = 183 - 209$ GeV”**
G. Abbiendi *et al.* [OPAL Collaboration].
arXiv:0707.0373 [hep-ex]
10.1016/j.physletb.2009.09.010
Phys. Lett. B **682**, 381 (2010) [HEP entry](#)
- [249] **“Inclusive Jet Production in Photon-Photon Collisions at $\sqrt{s_{ee}} = 189 - 209$ GeV”**
G. Abbiendi *et al.* [OPAL Collaboration].
arXiv:0706.4382 [hep-ex]
10.1016/j.physletb.2007.08.096
Phys. Lett. B **658**, 185 (2008) [HEP entry](#)
- [250] **“Measurement of the Λ_b^0 lifetime using semileptonic decays”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:0706.2358 [hep-ex]
10.1103/PhysRevLett.99.182001
Phys. Rev. Lett. **99**, 182001 (2007) [HEP entry](#)
- [251] **“Direct observation of the strange b baryon Ξ_b^- ”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:0706.1690 [hep-ex]
10.1103/PhysRevLett.99.052001
Phys. Rev. Lett. **99**, 052001 (2007) [HEP entry](#)
- [252] **“Measurement of the $t\bar{t}$ production cross-section in $p\bar{p}$ collisions using dilepton events”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:0706.0458 [hep-ex]
10.1103/PhysRevD.76.052006
Phys. Rev. D **76**, 052006 (2007) [HEP entry](#)
- [253] **“Observation and Properties of $L = 1$ B_1 and B_2^* Mesons”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:0705.3229 [hep-ex]
10.1103/PhysRevLett.99.172001
Phys. Rev. Lett. **99**, 172001 (2007) [HEP entry](#)
- [254] **“Measurement of the $t\bar{t}$ production cross section in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV using kinematic characteristics of lepton + jets events”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:0705.2788 [hep-ex]
10.1103/PhysRevD.76.092007
Phys. Rev. D **76**, 092007 (2007) [HEP entry](#)

- [255] **“ $Z\gamma$ production and limits on anomalous $ZZ\gamma$ and $Z\gamma\gamma$ couplings in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ - TeV”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:0705.1550 [hep-ex]
10.1016/j.physletb.2007.08.035
Phys. Lett. B **653**, 378 (2007) [HEP entry](#)
- [256] **“Search for third-generation leptoquarks in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:0705.0812 [hep-ex]
10.1103/PhysRevLett.99.061801
Phys. Rev. Lett. **99**, 061801 (2007) [HEP entry](#)
- [257] **“Search for stopped gluinos from $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:0705.0306 [hep-ex]
10.1103/PhysRevLett.99.131801
Phys. Rev. Lett. **99**, 131801 (2007) [HEP entry](#)
- [258] **“Measurement of the Λ_b lifetime in the exclusive decay $\Lambda_b \rightarrow J/\psi\Lambda$ ”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:0704.3909 [hep-ex]
10.1103/PhysRevLett.99.142001
Phys. Rev. Lett. **99**, 142001 (2007) [HEP entry](#)
- [259] **“Search for a Higgs boson produced in association with a Z boson in $p\bar{p}$ collisions”**
V. M. Abazov *et al.* [D0 Collaboration].
arXiv:0704.2000 [hep-ex]
10.1016/j.physletb.2007.08.070
Phys. Lett. B **655**, 209 (2007) [HEP entry](#)
- [260] **“Measurement of the branching fraction $\text{Br}(B^0(s) \rightarrow D_s^{(*)}D_s^{(*)})$ ”**
V. M. Abazov *et al.* [D0 Collaboration].
hep-ex/0702049 [HEP-EX]
10.1103/PhysRevLett.99.241801
Phys. Rev. Lett. **99**, 241801 (2007) [HEP entry](#)
- [261] **“Combined D^0 measurements constraining the CP-violating phase and width difference in the B_s^0 system”**
V. M. Abazov *et al.* [D0 Collaboration].
hep-ex/0702030 [HEP-EX]
10.1103/PhysRevD.76.057101
Phys. Rev. D **76**, 057101 (2007) [HEP entry](#)
- [262] **“Measurement of the shape of the boson rapidity distribution for $p\bar{p} \rightarrow Z/\gamma^* \rightarrow e^+e^- + X$ events produced at \sqrt{s} of 1.96-TeV”**
V. M. Abazov *et al.* [D0 Collaboration].
hep-ex/0702025 [HEP-EX]
10.1103/PhysRevD.76.012003
Phys. Rev. D **76**, 012003 (2007) [HEP entry](#)
- [263] **“Measurement of the top quark mass in the lepton + jets channel using the Ideogram method”**
V. M. Abazov *et al.* [D0 Collaboration].
hep-ex/0702018 [HEP-EX]
10.1103/PhysRevD.75.092001
Phys. Rev. D **75**, 092001 (2007) [HEP entry](#)
- [264] **“Search for production of single top quarks via t cg and t ug flavor- changing neutral current couplings”**

- V. M. Abazov *et al.* [D0 Collaboration].
 hep-ex/0702005 [HEP-EX], arXiv:0801.2556 [HEP-EX]
 10.1103/PhysRevLett.99.191802
 Phys. Rev. Lett. **99**, 191802 (2007) [HEP entry](#)
- [265] **“Lifetime difference and CP-violating phase in the B_s^0 system”**
 V. M. Abazov *et al.* [D0 Collaboration].
 hep-ex/0701012
 10.1103/PhysRevLett.98.121801
 Phys. Rev. Lett. **98**, 121801 (2007) [HEP entry](#)
- [266] **“Measurement of the charge asymmetry in semileptonic B_s decays”**
 V. M. Abazov *et al.* [D0 Collaboration].
 hep-ex/0701007
 10.1103/PhysRevLett.98.151801
 Phys. Rev. Lett. **98**, 151801 (2007) [HEP entry](#)
- [267] **“Evidence for production of single top quarks and first direct measurement of $-\text{Vtb}$ ”**
 V. M. Abazov *et al.* [D0 Collaboration].
 hep-ex/0612052
 10.1103/PhysRevLett.98.181802
 Phys. Rev. Lett. **98**, 181802 (2007) [HEP entry](#)
- [268] **“Inclusive production of charged hadrons in photon-photon collisions”**
 G. Abbiendi *et al.* [OPAL Collaboration].
 hep-ex/0612045
 10.1016/j.physletb.2007.06.001
 Phys. Lett. B **651**, 92 (2007) [HEP entry](#)
- [269] **“Measurement of the $p\bar{p} \rightarrow t\bar{t}$ production cross section at $\sqrt{s} = 1.96$ TeV in the fully hadronic decay channel.”**
 V. M. Abazov *et al.* [D0 Collaboration].
 hep-ex/0612040
 10.1103/PhysRevD.76.072007
 Phys. Rev. D **76**, 072007 (2007) [HEP entry](#)
- [270] **“Search for techniparticles in e+jets events at D0”**
 V. M. Abazov *et al.* [D0 Collaboration].
 hep-ex/0612013
 10.1103/PhysRevLett.98.221801
 Phys. Rev. Lett. **98**, 221801 (2007) [HEP entry](#)
- [271] **“Search for single production of scalar leptoquarks in $p\bar{p}$ collisions decaying into muons and quarks with the D0 detector”**
 V. M. Abazov *et al.* [D0 Collaboration].
 hep-ex/0612012
 10.1016/j.physletb.2007.01.064
 Phys. Lett. B **647**, 74 (2007) [HEP entry](#)
- [272] **“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”**
 V. M. Abazov *et al.* [D0 Collaboration].
 hep-ex/0611003
 10.1016/j.physletb.2006.12.024
 Phys. Lett. B **645**, 119 (2007) [HEP entry](#)
- [273] **“Measurement of the $t\bar{t}$ production cross section in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV using secondary vertex b tagging”**
 V. M. Abazov *et al.* [D0 Collaboration].
 hep-ex/0611002

- 10.1103/PhysRevD.74.112004
Phys. Rev. D **74**, 112004 (2006) [HEP entry](#)
- [274] **“Search for invisibly decaying Higgs bosons with large decay width using the OPAL detector at LEP”**
G. Abbiendi *et al.* [OPAL Collaboration].
hep-ex/0610056
10.1140/epjc/s10052-006-0170-x
Eur. Phys. J. C **49**, 457 (2007) [HEP entry](#)
- [275] **“Measurement of the top quark mass in the dilepton channel”**
V. M. Abazov *et al.* [D0 Collaboration].
hep-ex/0609056
10.1016/j.physletb.2007.08.074
Phys. Lett. B **655**, 7 (2007) [HEP entry](#)
- [276] **“Measurement of the top quark mass in the lepton+jets final state with the matrix element method”**
V. M. Abazov *et al.* [D0 Collaboration].
hep-ex/0609053
10.1103/PhysRevD.74.092005
Phys. Rev. D **74**, 092005 (2006) [HEP entry](#)
- [277] **“Measurement of the W boson helicity in top quark decay at D0”**
V. M. Abazov *et al.* [D0 Collaboration].
hep-ex/0609045
10.1103/PhysRevD.75.031102
Phys. Rev. D **75**, 031102 (2007) [HEP entry](#)
- [278] **“Measurement of B_d mixing using opposite-side flavor tagging”**
V. M. Abazov *et al.* [D0 Collaboration].
hep-ex/0609034
10.1103/PhysRevD.74.112002
Phys. Rev. D **74**, 112002 (2006) [HEP entry](#)
- [279] **“Measurement of the CP-violation parameter of B0 mixing and decay with $p\bar{p} \rightarrow i \mu X$ data”**
V. M. Abazov *et al.* [D0 Collaboration].
hep-ex/0609014
10.1103/PhysRevD.74.092001
Phys. Rev. D **74**, 092001 (2006) [HEP entry](#)
- [280] **“Measurement of the ratios of the $Z/\gamma^* + i = n$ jet production cross sections to the total inclusive Z/γ^* cross section in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”**
V. M. Abazov *et al.* [D0 Collaboration].
hep-ex/0608052
10.1016/j.physletb.2007.10.046
Phys. Lett. B **658**, 112 (2008) [HEP entry](#)
- [281] **“Experimental discrimination between charge $2e/3$ top quark and charge $4e/3$ exotic quark production scenarios”**
V. M. Abazov *et al.* [D0 Collaboration].
hep-ex/0608044
10.1103/PhysRevLett.98.041801
Phys. Rev. Lett. **98**, 041801 (2007) [HEP entry](#)
- [282] **“Search for pair production of scalar bottom quarks in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”**
V. M. Abazov *et al.* [D0 Collaboration].
hep-ex/0608013
10.1103/PhysRevLett.97.171806
Phys. Rev. Lett. **97**, 171806 (2006) [HEP entry](#)

- [283] **“Limits on anomalous trilinear gauge couplings from $WW \rightarrow e^+e^-$, $WW \rightarrow e^\pm\mu^\mp$, and $WW \rightarrow \mu^+\mu^-$ events from $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”**
V. M. Abazov *et al.* [D0 Collaboration].
hep-ex/0608011
10.1103/PhysRevD.74.057101, 10.1103/PhysRevD.74.059904
Phys. Rev. D **74**, 057101 (2006), [Erratum-ibid. D **74**, 059904 (2006)] [HEP entry](#)
- [284] **“Search for W' boson production in the top quark decay channel”**
V. M. Abazov *et al.* [D0 Collaboration].
hep-ex/0607102
10.1016/j.physletb.2006.09.021
Phys. Lett. B **641**, 423 (2006) [HEP entry](#)
- [285] **“Search for associated Higgs boson production $WH \rightarrow WWW^* \rightarrow \ell^\pm\nu\ell'+-\nu'+X$ in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”**
V. M. Abazov *et al.* [D0 Collaboration].
hep-ex/0607032
10.1103/PhysRevLett.97.151804
Phys. Rev. Lett. **97**, 151804 (2006) [HEP entry](#)
- [286] **“GLD Detector Outline Document”**
K. Abe *et al.* [GLD Concept Study Group Collaboration].
physics/0607154
[HEP entry](#)
- [287] **“Search for neutral, long-lived particles decaying into two muons in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”**
V. M. Abazov *et al.* [D0 Collaboration].
hep-ex/0607028
10.1103/PhysRevLett.97.161802
Phys. Rev. Lett. **97**, 161802 (2006) [HEP entry](#)
- [288] **“Search for the Standard Model Higgs Boson in the $p\bar{p} \rightarrow ZH \rightarrow \nu\bar{\nu}b\bar{b}$ channel”**
V. M. Abazov *et al.* [D0 Collaboration].
hep-ex/0607022
10.1103/PhysRevLett.97.161803
Phys. Rev. Lett. **97**, 161803 (2006) [HEP entry](#)
- [289] **“Search for scalar leptoquarks in the acoplanar jet topology in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”**
V. M. Abazov *et al.* [D0 Collaboration].
hep-ex/0607009
10.1016/j.physletb.2006.08.020
Phys. Lett. B **640**, 230 (2006) [HEP entry](#)
- [290] **“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 D0 detector”**
V. M. Abazov *et al.* [D0 Collaboration].
hep-ex/0606018
10.1103/PhysRevD.74.011104
Phys. Rev. D **74**, 011104 (2006) [HEP entry](#)
- [291] **“Search for particles decaying into a Z boson and a photon in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”**
V. M. Abazov *et al.* [D0 Collaboration].
hep-ex/0605064
10.1016/j.physletb.2006.08.079, 10.1016/j.physletb.2008.11.032
Phys. Lett. B **641**, 415 (2006), [Erratum-ibid. B **670**, 455 (2009)] [HEP entry](#)

- [292] **“Search for resonant second generation slepton production at the Tevatron”**
V. M. Abazov *et al.* [D0 Collaboration].
hep-ex/0605010
10.1103/PhysRevLett.97.111801
Phys. Rev. Lett. **97**, 111801 (2006) [HEP entry](#)
- [293] **“Search for neutral Higgs bosons decaying to τ pairs in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”**
V. M. Abazov *et al.* [D0 Collaboration].
hep-ex/0605009
10.1103/PhysRevLett.97.121802
Phys. Rev. Lett. **97**, 121802 (2006) [HEP entry](#)
- [294] **“Search for R-parity violating supersymmetry via the LL anti-E couplings λ_{121} , λ_{122} or λ_{133} in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”**
V. M. Abazov *et al.* [D0 Collaboration].
hep-ex/0605005
10.1016/j.physletb.2006.05.077
Phys. Lett. B **638**, 441 (2006) [HEP entry](#)
- [295] **“A Precise measurement of the B_s^0 lifetime”**
V. M. Abazov *et al.* [D0 Collaboration].
hep-ex/0604046
10.1103/PhysRevLett.97.241801
Phys. Rev. Lett. **97**, 241801 (2006) [HEP entry](#)
- [296] **“Search for excited muons in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ - TeV”**
V. M. Abazov *et al.* [D0 Collaboration].
hep-ex/0604040
10.1103/PhysRevD.73.111102
Phys. Rev. D **73**, 111102 (2006) [HEP entry](#)
- [297] **“Search for squarks and gluinos in events with jets and missing transverse energy in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”**
V. M. Abazov *et al.* [D0 Collaboration].
hep-ex/0604029
10.1016/j.physletb.2006.05.030
Phys. Lett. B **638**, 119 (2006) [HEP entry](#)
- [298] **“Multivariate searches for single top quark production with the D0 detector”**
V. M. Abazov *et al.* [D0 Collaboration].
hep-ex/0604020
10.1103/PhysRevD.75.092007
Phys. Rev. D **75**, 092007 (2007) [HEP entry](#)
- [299] **“Search for the rare decay $B_s^0 \rightarrow \phi\mu^+\mu^-$ with the D0 detector”**
V. M. Abazov *et al.* [D0 Collaboration].
hep-ex/0604015
10.1103/PhysRevD.74.031107
Phys. Rev. D **74**, 031107 (2006) [HEP entry](#)
- [300] **“QCD coherence and correlations of particles with restricted momenta in hadronic Z decays”**
G. Abbiendi *et al.* [OPAL Collaboration].
hep-ex/0604003
10.1016/j.physletb.2006.05.016
Phys. Lett. B **638**, 30 (2006) [HEP entry](#)
- [301] **“First direct two-sided bound on the B_s^0 oscillation frequency”**
V. M. Abazov *et al.* [D0 Collaboration].
hep-ex/0603029

- 10.1103/PhysRevLett.97.021802
Phys. Rev. Lett. **97**, 021802 (2006) [HEP entry](#)
- [302] **“Measurement of $B(t \rightarrow Wb) / B(t \rightarrow Wq)$ at $\sqrt{s} = 1.96$ TeV”**
V. M. Abazov *et al.* [D0 Collaboration].
hep-ex/0603002
10.1016/j.physletb.2006.07.019
Phys. Lett. B **639**, 616 (2006) [HEP entry](#)
- [303] **“Search for neutral MSSM Higgs bosons at LEP”**
S. Schael *et al.* [ALEPH and DELPHI and L3 and OPAL and LEP Working Group for Higgs Boson Searches Collaborations].
hep-ex/0602042
10.1140/epjc/s2006-02569-7
Eur. Phys. J. C **47**, 547 (2006) [HEP entry](#)
- [304] **“Supersymmetry searches at the Tevatron”**
G. W. Wilson.
10.1063/1.2149686
AIP Conf. Proc. **805**, 117 (2006). [HEP entry](#)
- [305] **“Search for pair production of second generation scalar leptoquarks in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ -TeV.”**
V. M. Abazov *et al.* [D0 Collaboration].
hep-ex/0601047
10.1016/j.physletb.2006.03.056
Phys. Lett. B **636**, 183 (2006) [HEP entry](#)
- [306] **“On Evaluating the Calorimetry Performance of Detector Design Concepts”**
G. W. Wilson,
Proceedings of the International Workshop on Future Linear Colliders (LCWS 2005), Stanford, CA.
eConf C **050318**, 1605 (2005). [HEP entry](#)
- [307] **“Measurement of the Strong Coupling α_S from four-jet observables in e^+e^- annihilation”**
G. Abbiendi *et al.* [OPAL Collaboration].
hep-ex/0601048
10.1140/epjc/s2006-02581-y
Eur. Phys. J. C **47**, 295 (2006) [HEP entry](#)
- [308] **“Measurement of the isolated photon cross section in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”**
V. M. Abazov *et al.* [D0 Collaboration].
hep-ex/0511054
10.1016/j.physletb.2007.06.047, 10.1016/j.physletb.2006.04.048
Phys. Lett. B **639**, 151 (2006), [Erratum-ibid. B **658**, 285 (2008)] [HEP entry](#)
- [309] **“Colour reconnection in $e^+e^- \rightarrow W^+W^-$ at $\sqrt{s} = 189 - 209$ GeV”**
G. Abbiendi *et al.* [OPAL Collaboration].
hep-ex/0508062
10.1140/epjc/s2005-02439-x
Eur. Phys. J. C **45**, 291 (2006) [HEP entry](#)
- [310] **“Measurement of the mass and width of the W boson”**
G. Abbiendi *et al.* [OPAL Collaboration].
hep-ex/0508060
10.1140/epjc/s2005-02440-5
Eur. Phys. J. C **45**, 307 (2006) [HEP entry](#)
- [311] **“Search for the Higgs boson in $H \rightarrow WW^{(*)}$ decays in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”**
V. M. Abazov *et al.* [D0 Collaboration].
hep-ex/0508054
10.1103/PhysRevLett.96.011801
Phys. Rev. Lett. **96**, 011801 (2006) [HEP entry](#)

- [312] **“The Upgraded D0 detector”**
 V. M. Abazov *et al.* [D0 Collaboration].
 physics/0507191 [physics.ins-det]
 10.1016/j.nima.2006.05.248
 Nucl. Instrum. Meth. A **565**, 463 (2006) [HEP entry](#)
- [313] **“Measurement of the lifetime difference in the B0(s) system”**
 V. M. Abazov *et al.* [D0 Collaboration].
 hep-ex/0507084
 10.1103/PhysRevLett.95.171801
 Phys. Rev. Lett. **95**, 171801 (2005) [HEP entry](#)
- [314] **“Searches for gauge-mediated supersymmetry breaking topologies in e^+e^- collisions at LEP2”**
 G. Abbiendi *et al.* [OPAL Collaboration].
 hep-ex/0507048
 10.1140/epjc/s2006-02524-8
 Eur. Phys. J. C **46**, 307 (2006) [HEP entry](#)
- [315] **“Determination of α_S using jet rates at LEP with the OPAL detector”**
 G. Abbiendi *et al.* [OPAL Collaboration].
 hep-ex/0507047
 10.1140/epjc/s2005-02417-4
 Eur. Phys. J. C **45**, 547 (2006) [HEP entry](#)
- [316] **“Measurement of semileptonic branching fractions of B mesons to narrow D^{**} states”**
 V. M. Abazov *et al.* [D0 Collaboration].
 hep-ex/0507046
 10.1103/PhysRevLett.95.171803
 Phys. Rev. Lett. **95**, 171803 (2005) [HEP entry](#)
- [317] **“The role of polarized positrons and electrons in revealing fundamental interactions at the linear collider”**
 G. Moortgat-Pick, T. Abe, G. Alexander, B. Ananthanarayan, A. A. Babich, V. Bharadwaj, D. Barber and A. Bartl *et al.*
 hep-ph/0507011
 10.1016/j.physrep.2007.12.003
 Phys. Rept. **460**, 131 (2008) [HEP entry](#)
- [318] **“Search for large extra spatial dimensions in dimuon production at D0”**
 V. M. Abazov *et al.* [D0 Collaboration].
 hep-ex/0506063
 10.1103/PhysRevLett.95.161602
 Phys. Rev. Lett. **95**, 161602 (2005) [HEP entry](#)
- [319] **“Measurement of the $t\bar{t}$ production cross section in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV in dilepton final states”**
 V. M. Abazov *et al.* [D0 Collaboration].
 hep-ex/0505082
 10.1016/j.physletb.2005.08.105
 Phys. Lett. B **626**, 55 (2005) [HEP entry](#)
- [320] **“Measurement of the running of the QED coupling in small-angle Bhabha scattering at LEP”**
 G. Abbiendi *et al.* [OPAL Collaboration].
 hep-ex/0505072
 10.1140/epjc/s2005-02389-3
 Eur. Phys. J. C **45**, 1 (2006) [HEP entry](#)

- [321] **“Search for single top quark production in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”**
V. M. Abazov *et al.* [D0 Collaboration].
hep-ex/0505063
10.1016/j.physletb.2005.07.027
Phys. Lett. B **622**, 265 (2005) [HEP entry](#)
- [322] **“Search for right-handed W bosons in top quark decay”**
V. M. Abazov *et al.* [D0 Collaboration].
hep-ex/0505031
10.1103/PhysRevD.72.011104
Phys. Rev. D **72**, 011104 (2005) [HEP entry](#)
- [323] **“Search for Randall-Sundrum gravitons in dilepton and diphoton final states”**
V. M. Abazov *et al.* [D0 Collaboration].
hep-ex/0505018
10.1103/PhysRevLett.95.091801
Phys. Rev. Lett. **95**, 091801 (2005) [HEP entry](#)
- [324] **“Measurement of the $t\bar{t}$ production cross section in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV using lepton + jets events with lifetime b-tagging”**
V. M. Abazov *et al.* [D0 Collaboration].
hep-ex/0504058
10.1016/j.physletb.2005.08.103
Phys. Lett. B **626**, 35 (2005) [HEP entry](#)
- [325] **“Measurement of the $t\bar{t}$ production cross section in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV using kinematic characteristics of lepton + jets events”**
V. M. Abazov *et al.* [D0 Collaboration].
hep-ex/0504043
10.1016/j.physletb.2005.08.104
Phys. Lett. B **626**, 45 (2005) [HEP entry](#)
- [326] **“Search for supersymmetry via associated production of charginos and neutralinos in final states with three leptons”**
V. M. Abazov *et al.* [D0 Collaboration].
hep-ex/0504032
10.1103/PhysRevLett.95.151805
Phys. Rev. Lett. **95**, 151805 (2005) [HEP entry](#)
- [327] **“Production of WZ events in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV and limits on anomalous WWZ couplings”**
V. M. Abazov *et al.* [D0 Collaboration].
hep-ex/0504019
10.1103/PhysRevLett.95.141802
Phys. Rev. Lett. **95**, 141802 (2005) [HEP entry](#)
- [328] **“Search for neutral supersymmetric Higgs bosons in multijet events at $\sqrt{s} = 1.96$ TeV”**
V. M. Abazov *et al.* [D0 Collaboration].
hep-ex/0504018
10.1103/PhysRevLett.95.151801
Phys. Rev. Lett. **95**, 151801 (2005) [HEP entry](#)
- [329] **“Measurement of the $p\bar{p} \rightarrow W\gamma + X$ cross section at $\sqrt{s} = 1.96$ TeV and $WW\gamma$ anomalous coupling limits”**
V. M. Abazov *et al.* [D0 Collaboration].
hep-ex/0503048
10.1103/PhysRevD.71.091108
Phys. Rev. D **71**, 091108 (2005) [HEP entry](#)

- [330] **“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”**
V. M. Abazov *et al.* [D0 Collaboration].
hep-ex/0502036
10.1103/PhysRevLett.95.051802
Phys. Rev. Lett. **95**, 051802 (2005) [HEP entry](#)
- [331] **“Measurement of inclusive differential cross sections for Υ_{1S} production in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”**
V. M. Abazov *et al.* [D0 Collaboration].
hep-ex/0502030
10.1103/PhysRevLett.100.049902, 10.1103/PhysRevLett.94.232001
Phys. Rev. Lett. **94**, 232001 (2005), [Erratum-ibid. **100**, 049902 (2008)] [HEP entry](#)
- [332] **“Extended joint ECFA/DESY study on physics and detector for a linear e^+e^- collider. Proceedings, Summer Colloquium, Amsterdam, Netherlands, April 4, 2003”**
K. Ackermann, J. A. Aguilar-Saavedra, B. C. Allanach, B. Ananthanarayan, L. Andricek, D. Anipko, M. Antonelli and H. M. Araujo *et al.*. [HEP entry](#)
- [333] **“Measurement of event shape distributions and moments in $e^+e^- \rightarrow$ hadrons at 91-GeV - 209-GeV and a determination of α_S ”**
G. Abbiendi *et al.* [OPAL Collaboration].
hep-ex/0503051
10.1140/epjc/s2005-02120-6
Eur. Phys. J. C **40**, 287 (2005) [HEP entry](#)
- [334] **“The central track trigger of the D0 experiment”**
Y. Hu, L. Babukhadia, M. Bhattacharjee, S. Desai, P. Grannis, Y. D. Mutaf, J. Anderson and R. D. Angstadt *et al.*.
10.1109/TNS.2004.836090
IEEE Trans. Nucl. Sci. **51**, 2368 (2004). [HEP entry](#)
- [335] **“First results from the central tracking trigger of the D0 experiment”**
Y. Maravin, J. Anderson, R. D. Angstadt, F. Borcharding, S. Gruenendahl, M. Johnson, J. Olsen and S. Rapisarda *et al.*.
10.1109/TNS.2004.832623
IEEE Trans. Nucl. Sci. **51**, 1848 (2004). [HEP entry](#)
- [336] **“Search for first-generation scalar leptoquarks in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”**
V. M. Abazov *et al.* [D0 Collaboration].
hep-ex/0412029
10.1103/PhysRevD.71.071104
Phys. Rev. D **71**, 071104 (2005) [HEP entry](#)
- [337] **“First measurement of $\sigma(p\bar{p} \rightarrow Z)$. Br ($Z \rightarrow \tau\tau$) at $\sqrt{s} = 1.96$ TeV”**
V. M. Abazov *et al.* [D0 Collaboration].
hep-ex/0412020, arXiv:0801.3623 [hep-ex]
10.1103/PhysRevD.77.039901, 10.1103/PhysRevD.71.072004
Phys. Rev. D **71**, 072004 (2005), [Erratum-ibid. D **77**, 039901 (2008)] [HEP entry](#)
- [338] **“A search for anomalous heavy-flavor quark production in association with W bosons”**
V. M. Abazov *et al.* [D0 Collaboration].
hep-ex/0411084
10.1103/PhysRevLett.94.152002
Phys. Rev. Lett. **94**, 152002 (2005) [HEP entry](#)
- [339] **“A measurement of the ratio of inclusive cross sections $\sigma(pp \rightarrow Z + b - \text{jet})/\sigma(pp \rightarrow Z + \text{jet})$ at $\sqrt{s} = 1.96$ TeV”**
V. M. Abazov *et al.* [D0 Collaboration].
hep-ex/0410078

- 10.1103/PhysRevLett.94.161801
Phys. Rev. Lett. **94**, 161801 (2005) [HEP entry](#)
- [340] **“Measurement of the WW production cross section in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”**
V. M. Abazov *et al.* [D0 Collaboration].
hep-ex/0410066
10.1103/PhysRevLett.94.151801, 10.1103/PhysRevLett.100.139901
Phys. Rev. Lett. **94**, 151801 (2005), [Erratum-ibid. **100**, 139901 (2008)] [HEP entry](#)
- [341] **“A search for $Wb\bar{b}$ and WH production in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”**
V. M. Abazov *et al.* [D0 Collaboration].
hep-ex/0410062
10.1103/PhysRevLett.94.091802
Phys. Rev. Lett. **94**, 091802 (2005) [HEP entry](#)
- [342] **“Measurement of the Λ_b^0 lifetime in the decay $\Lambda_b^0 \rightarrow J/\psi\Lambda^0$ with the DØ detector”**
V. M. Abazov *et al.* [D0 Collaboration].
hep-ex/0410054
10.1103/PhysRevLett.94.102001
Phys. Rev. Lett. **94**, 102001 (2005) [HEP entry](#)
- [343] **“Measurement of the ratio of B^+ and B^0 meson lifetimes”**
V. M. Abazov *et al.* [D0 Collaboration].
hep-ex/0410052
10.1103/PhysRevLett.94.182001
Phys. Rev. Lett. **94**, 182001 (2005) [HEP entry](#)
- [344] **“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 with the DØ detector”**
V. M. Abazov *et al.* [D0 Collaboration].
hep-ex/0410039
10.1103/PhysRevLett.94.071802
Phys. Rev. Lett. **94**, 071802 (2005) [HEP entry](#)
- [345] **“Search for radions at LEP2”**
G. Abbiendi *et al.* [OPAL Collaboration].
hep-ex/0410035
10.1016/j.physletb.2006.04.045, 10.1016/j.physletb.2005.01.021
Phys. Lett. B **609**, 20 (2005), [Erratum-ibid. B **637**, 374 (2006)] [HEP entry](#)
- [346] **“Measurement of R_b in e^+e^- collisions at 182-GeV to 209-GeV”**
G. Abbiendi *et al.* [OPAL Collaboration].
hep-ex/0410034
10.1016/j.physletb.2005.01.031
Phys. Lett. B **609**, 212 (2005) [HEP entry](#)
- [347] **“Measurement of the B_s^0 lifetime in the exclusive decay channel $B_s^0 \rightarrow J/\psi\phi$ ”**
V. M. Abazov *et al.* [D0 Collaboration].
hep-ex/0409043
10.1103/PhysRevLett.94.042001
Phys. Rev. Lett. **94**, 042001 (2005) [HEP entry](#)
- [348] **“Measurement of dijet azimuthal decorrelations at central rapidities in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”**
V. M. Abazov *et al.* [D0 Collaboration].
hep-ex/0409040
10.1103/PhysRevLett.94.221801
Phys. Rev. Lett. **94**, 221801 (2005) [HEP entry](#)

- [349] **“Search for supersymmetry with gauge-mediated breaking in diphoton events at D0”**
V. M. Abazov *et al.* [D0 Collaboration].
hep-ex/0408146
10.1103/PhysRevLett.94.041801
Phys. Rev. Lett. **94**, 041801 (2005) [HEP entry](#)
- [350] **“Determination of the LEP beam energy using radiative fermion-pair events”**
G. Abbiendi *et al.* [OPAL Collaboration].
hep-ex/0408130
10.1016/j.physletb.2004.10.046
Phys. Lett. B **604**, 31 (2004) [HEP entry](#)
- [351] **“Flavor independent $h^0 A^0$ search and two Higgs doublet model interpretation of neutral Higgs boson searches at LEP”**
G. Abbiendi *et al.* [OPAL Collaboration].
hep-ex/0408097
10.1140/epjc/s2005-02122-4
Eur. Phys. J. C **40**, 317 (2005) [HEP entry](#)
- [352] **“Multi-photon events with large missing energy in e^+e^- collisions at $\sqrt{s} = 192 - 209$ GeV”**
G. Abbiendi *et al.* [OPAL Collaboration].
hep-ex/0412011
10.1016/j.physletb.2004.09.059
Phys. Lett. B **602**, 167 (2004) [HEP entry](#)
- [353] **“Search for neutral Higgs boson in CP-conserving and CP-violating MSSM scenarios”**
G. Abbiendi *et al.* [OPAL Collaboration].
hep-ex/0406057
10.1140/epjc/s2004-01996-8
Eur. Phys. J. C **37**, 49 (2004) [HEP entry](#)
- [354] **“Measurement of the strange spectral function in hadronic tau decays”**
G. Abbiendi *et al.* [OPAL Collaboration].
hep-ex/0406007
10.1140/epjc/s2004-01877-2
Eur. Phys. J. C **35**, 437 (2004) [HEP entry](#)
- [355] **“Observation and properties of the $X(3872)$ decaying to $J/\psi\pi^+\pi^-$ in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”**
V. M. Abazov *et al.* [D0 Collaboration].
hep-ex/0405004
10.1103/PhysRevLett.93.162002
Phys. Rev. Lett. **93**, 162002 (2004) [HEP entry](#)
- [356] **“Scaling violations of quark and gluon jet fragmentation functions in e^+e^- annihilations at $\sqrt{s} = 91.2$ -GeV and 183-GeV to 209-GeV”**
G. Abbiendi *et al.* [OPAL Collaboration].
hep-ex/0404026
10.1140/epjc/s2004-01971-5
Eur. Phys. J. C **37**, 25 (2004) [HEP entry](#)
- [357] **“Search for doubly-charged Higgs boson pair production in the decay to $\mu^+\mu^+\mu^-\mu^-$ in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV”**
V. M. Abazov *et al.* [D0 Collaboration].
hep-ex/0404015
10.1103/PhysRevLett.93.141801
Phys. Rev. Lett. **93**, 141801 (2004) [HEP entry](#)
- [358] **“Study of Bose-Einstein correlations in $e^+e^- \rightarrow W^+W^-$ events at LEP”**
G. Abbiendi *et al.* [OPAL Collaboration].

- hep-ex/0403055
Eur. Phys. J. C **36**, 297 (2004) [HEP entry](#)
- [359] **“Constraints on anomalous quartic gauge boson couplings from $\nu\bar{\nu}\gamma\gamma$ and $q\bar{q}\gamma\gamma$ events at LEP2”**
G. Abbiendi *et al.* [OPAL Collaboration].
hep-ex/0402021
10.1103/PhysRevD.70.032005
Phys. Rev. D **70**, 032005 (2004) [HEP entry](#)
- [360] **“Search for chargino and neutralino production at $\sqrt{s} = 192 - 209$ GeV at LEP”**
G. Abbiendi *et al.* [OPAL Collaboration].
hep-ex/0401026
10.1140/epjc/s2004-01758-8
Eur. Phys. J. C **35**, 1 (2004) [HEP entry](#)
- [361] **“W boson polarization at LEP2”**
G. Abbiendi *et al.* [OPAL Collaboration].
hep-ex/0312047
10.1016/j.physletb.2004.02.003
Phys. Lett. B **585**, 223 (2004) [HEP entry](#)
- [362] **“Measurement of the partial widths of the Z into up and down type quarks”**
G. Abbiendi *et al.* [OPAL Collaboration].
hep-ex/0312043
10.1016/j.physletb.2004.02.046
Phys. Lett. B **586**, 167 (2004) [HEP entry](#)
- [363] **“Flavor independent search for Higgs bosons decaying into hadronic final states in e^+e^- collisions at LEP”**
G. Abbiendi *et al.* [OPAL Collaboration].
hep-ex/0312042
10.1016/j.physletb.2004.06.083
Phys. Lett. B **597**, 11 (2004) [HEP entry](#)
- [364] **“Search for R parity violating decays of scalar fermions at LEP”**
G. Abbiendi *et al.* [OPAL Collaboration].
hep-ex/0310054
10.1140/epjc/s2004-01596-8
Eur. Phys. J. C **33**, 149 (2004) [HEP entry](#)
- [365] **“Experimental studies of unbiased gluon jets from e^+e^- annihilations using the jet boost algorithm”**
G. Abbiendi *et al.* [OPAL Collaboration].
hep-ex/0310048
10.1103/PhysRevD.69.032002
Phys. Rev. D **69**, 032002 (2004) [HEP entry](#)
- [366] **“Study of Z pair production and anomalous couplings in e^+e^- collisions at \sqrt{s} between 190-GeV and 209-GeV”**
G. Abbiendi *et al.* [OPAL Collaboration].
hep-ex/0310013
10.1140/epjc/s2003-01467-x
Eur. Phys. J. C **32**, 303 (2003) [HEP entry](#)
- [367] **“Tests of the standard model and constraints on new physics from measurements of fermion pair production at 189-GeV to 209-GeV at LEP”**
G. Abbiendi *et al.* [OPAL Collaboration].
hep-ex/0309053
10.1140/epjc/s2004-01595-9
Eur. Phys. J. C **33**, 173 (2004) [HEP entry](#)

- [368] **“Search for anomalous production of dilepton events with missing transverse momentum in e^+e^- collisions at $\sqrt{s} = 183 - 209$ GeV”**
 G. Abbiendi *et al.* [OPAL Collaboration].
 hep-ex/0309014
 10.1140/epjc/s2003-01466-y
 Eur. Phys. J. C **32**, 453 (2004) [HEP entry](#)
- [369] **“A Study of $W^+W^-\gamma$ events at LEP”**
 G. Abbiendi *et al.* [OPAL Collaboration].
 hep-ex/0309013
 10.1016/j.physletb.2003.10.063
 Phys. Lett. B **580**, 17 (2004) [HEP entry](#)
- [370] **“Measurement of heavy quark forward backward asymmetries and average B mixing using leptons in hadronic Z decays”**
 G. Abbiendi *et al.* [OPAL Collaboration].
 hep-ex/0308051
 10.1016/j.physletb.2003.10.022
 Phys. Lett. B **577**, 18 (2003) [HEP entry](#)
- [371] **“A Study of charm production in beauty decays with the OPAL detector at LEP”**
 G. Abbiendi *et al.* [OPAL Collaboration].
 hep-ex/0308050
 10.1140/epjc/s2004-01810-9
 Eur. Phys. J. C **35**, 149 (2004) [HEP entry](#)
- [372] **“The run IIb trigger upgrade for the D0 experiment”**
 M. Abolins, J. Ban, J. Bystricky, D. Calvet, D. Chapin, D. Edmunds, H. Evans and L. Han *et al.*.
 10.1109/TNS.2004.828811
 IEEE Trans. Nucl. Sci. **51**, 340 (2004). [HEP entry](#)
- [373] **“Tests of models of color reconnection and a search for glueballs using gluon jets with a rapidity gap”**
 G. Abbiendi *et al.* [OPAL Collaboration].
 hep-ex/0306021
 10.1140/epjc/s2004-01809-2
 Eur. Phys. J. C **35**, 293 (2004) [HEP entry](#)
- [374] **“Measurement of isolated prompt photon production in photon photon collisions at $s(ee)^{1/2} = 183$ GeV - 209-GeV”**
 G. Abbiendi *et al.* [OPAL Collaboration].
 hep-ex/0305075
 10.1140/epjc/s2003-01359-1
 Eur. Phys. J. C **31**, 491 (2003) [HEP entry](#)
- [375] **“Search for the standard model Higgs boson at LEP”**
 R. Barate *et al.* [LEP Working Group for Higgs boson searches and ALEPH and DELPHI and L3 and OPAL Collaborations].
 hep-ex/0306033
 10.1016/S0370-2693(03)00614-2
 Phys. Lett. B **565**, 61 (2003) [HEP entry](#)
- [376] **“Search for pair produced leptoquarks in e^+e^- interactions at \sqrt{s} approximately = 189-GeV to 209-GeV”**
 G. Abbiendi *et al.* [OPAL Collaboration].
 hep-ex/0305053
 10.1140/epjc/s2003-01325-y
 Eur. Phys. J. C **31**, 281 (2003) [HEP entry](#)

- [377] **“Search for stable and longlived massive charged particles in e^+e^- collisions at $\sqrt{s} = 130\text{-GeV to }209\text{-GeV}”$**
 G. Abbiendi *et al.* [OPAL Collaboration].
 hep-ex/0305031
 10.1016/S0370-2693(03)00639-7
 Phys. Lett. B **572**, 8 (2003) [HEP entry](#)
- [378] **“Test of non-commutative QED in the process $e^+e^- \rightarrow \gamma\gamma$ at LEP”**
 G. Abbiendi *et al.* [OPAL Collaboration].
 hep-ex/0303035
 10.1016/j.physletb.2003.05.008
 Phys. Lett. B **568**, 181 (2003) [HEP entry](#)
- [379] **“Bose-Einstein correlations of π^0 pairs from hadronic Z^0 decays”**
 G. Abbiendi *et al.* [OPAL Collaboration].
 hep-ex/0302027
 10.1016/S0370-2693(03)00337-X
 Phys. Lett. B **559**, 131 (2003) [HEP entry](#)
- [380] **“Dijet production in photon-photon collisions at $\sqrt{s}(\text{ee})^{**}(1/2)$ from 189-GeV to 209-GeV”**
 G. Abbiendi *et al.* [OPAL Collaboration].
 hep-ex/0301013
 10.1140/epjc/s2003-01360-8
 Eur. Phys. J. C **31**, 307 (2003) [HEP entry](#)
- [381] **“A Measurement of semileptonic B decays to narrow orbitally excited charm mesons”**
 G. Abbiendi *et al.* [OPAL Collaboration].
 hep-ex/0301018
 10.1140/epjc/s2003-01322-2
 Eur. Phys. J. C **30**, 467 (2003) [HEP entry](#)
- [382] **“A Measurement of the tau- \rightarrow μ^- anti- $\nu(\mu)$ $\nu(\tau)$ branching ratios”**
 G. Abbiendi *et al.* [OPAL Collaboration].
 hep-ex/0211066
 10.1016/S0370-2693(02)03020-4
 Phys. Lett. B **551**, 35 (2003) [HEP entry](#)
- [383] **“Charged particle multiplicities in heavy and light quark initiated events above the Z^0 peak”**
 G. Abbiendi *et al.* [OPAL Collaboration].
 hep-ex/0211007
 10.1016/S0370-2693(02)02935-0
 Phys. Lett. B **550**, 33 (2002) [HEP entry](#)
- [384] **“Search for nearly mass degenerate charginos and neutralinos at LEP”**
 G. Abbiendi *et al.* [OPAL Collaboration].
 hep-ex/0210043
 10.1140/epjc/s2003-01237-x
 Eur. Phys. J. C **29**, 479 (2003) [HEP entry](#)
- [385] **“Measurement of neutral current four fermion production at LEP-2”**
 G. Abbiendi *et al.* [OPAL Collaboration].
 hep-ex/0210026
 10.1016/S0370-2693(02)02468-1
 Phys. Lett. B **544**, 259 (2002) [HEP entry](#)
- [386] **“Inclusive analysis of the b quark fragmentation function in Z decays at LEP”**
 G. Abbiendi *et al.* [OPAL Collaboration].
 hep-ex/0210031
 10.1140/epjc/s2003-01229-x
 Eur. Phys. J. C **29**, 463 (2003) [HEP entry](#)

- [387] **“Multiphoton production in e^+e^- collisions at $\sqrt{s} = 181 - 209$ GeV”**
 G. Abbiendi *et al.* [OPAL Collaboration].
 hep-ex/0210016
 10.1140/epjc/s2002-01074-5
 Eur. Phys. J. C **26**, 331 (2003) [HEP entry](#)
- [388] **“Search for the standard model Higgs boson with the OPAL detector at LEP”**
 G. Abbiendi *et al.* [OPAL Collaboration].
 hep-ex/0209078
 10.1140/epjc/s2002-01092-3
 Eur. Phys. J. C **26**, 479 (2003) [HEP entry](#)
- [389] **“Measurement of the b quark forward backward asymmetry around the Z^0 peak using an inclusive tag”**
 G. Abbiendi *et al.* [OPAL Collaboration].
 hep-ex/0209076
 10.1016/S0370-2693(02)02594-7
 Phys. Lett. B **546**, 29 (2002) [HEP entry](#)
- [390] **“Search for a low mass CP odd Higgs boson in e^+e^- collisions with the OPAL detector at LEP-2”**
 G. Abbiendi *et al.* [OPAL Collaboration].
 hep-ex/0209068
 10.1140/epjc/s2003-01139-y
 Eur. Phys. J. C **27**, 483 (2003) [HEP entry](#)
- [391] **“Measurement of the cross-section for the process $\gamma\gamma \rightarrow i p\bar{p}$ at $s(e e)^{**}(1/2) = 183\text{-GeV to } 189\text{-GeV}$ at LEP”**
 G. Abbiendi *et al.* [OPAL Collaboration].
 hep-ex/0209052
 10.1140/epjc/s2003-01171-y
 Eur. Phys. J. C **28**, 45 (2003) [HEP entry](#)
- [392] **“Charged particle momentum spectra in e^+e^- annihilation at $\sqrt{s} = 192\text{-GeV to } 209\text{-GeV}$ ”**
 G. Abbiendi *et al.* [OPAL Collaboration].
 hep-ex/0209048
 10.1140/epjc/s2002-01121-3
 Eur. Phys. J. C **27**, 467 (2003) [HEP entry](#)
- [393] **“Search for scalar top and scalar bottom quarks at LEP”**
 G. Abbiendi *et al.* [OPAL Collaboration].
 hep-ex/0209026
 10.1016/S0370-2693(02)02593-5
 Phys. Lett. B **545**, 272 (2002), [Erratum-ibid. B **548**, 258 (2002)] [HEP entry](#)
- [394] **“Search for associated production of massive states decaying into two photons in e^+e^- annihilations at $\sqrt{s} = 88\text{-GeV to } 209\text{-GeV}$ ”**
 G. Abbiendi *et al.* [OPAL Collaboration].
 hep-ex/0207027
 10.1016/S0370-2693(02)02472-3
 Phys. Lett. B **544**, 44 (2002) [HEP entry](#)
- [395] **“Search for charged excited leptons in e^+e^- collisions at $\sqrt{s} = 183\text{-GeV to } 209\text{-GeV}$ ”**
 G. Abbiendi *et al.* [OPAL Collaboration].
 hep-ex/0206061
 10.1016/S0370-2693(02)02343-2
 Phys. Lett. B **544**, 57 (2002) [HEP entry](#)
- [396] **“Decay mode independent searches for new scalar bosons with the OPAL detector at LEP”**

- G. Abbiendi *et al.* [OPAL Collaboration].
 hep-ex/0206022
 10.1140/epjc/s2002-01115-1
 Eur. Phys. J. C **27**, 311 (2003) [HEP entry](#)
- [397] **“Measurement of the charm structure function $F_2(c)(\gamma)$ of the photon at LEP”**
 G. Abbiendi *et al.* [OPAL Collaboration].
 hep-ex/0206021
 10.1016/S0370-2693(02)01999-8
 Phys. Lett. B **539**, 13 (2002) [HEP entry](#)
- [398] **“Direct investigations of supersymmetry: Subgroup summary report”**
 S. P. Martin, S. Moretti, J. -m. Qian and G. W. Wilson.
 eConf C **010630**, P346 (2001). [HEP entry](#)
- [399] **“Single electron signal from anomaly mediated supersymmetry breaking at a future linear collider”**
 D. K. Ghosh, S. Moretti and G. W. Wilson.
 eConf C **010630**, P334 (2001). [HEP entry](#)
- [400] **“Measurement of the mass of the W boson in e^+e^- collisions using the fully leptonic channel”**
 G. Abbiendi *et al.* [OPAL Collaboration].
 hep-ex/0203026
 10.1140/epjc/s2002-01070-9
 Eur. Phys. J. C **26**, 321 (2003) [HEP entry](#)
- [401] **“The Snowmass points and slopes: Benchmarks for SUSY searches”**
 B. C. Allanach, M. Battaglia, G. A. Blair, M. S. Carena, A. De Roeck, A. Dedes, A. Djouadi and D. Gerdes *et al.*.
 hep-ph/0202233
 10.1007/s10052-002-0949-3
 Eur. Phys. J. C **25**, 113 (2002) [HEP entry](#)
- [402] **“Measurement of the hadronic photon structure function $F_2^{\gamma}(2)$ at LEP-2”**
 G. Abbiendi *et al.* [OPAL Collaboration].
 hep-ex/0202035
 10.1016/S0370-2693(02)01560-5
 Phys. Lett. B **533**, 207 (2002) [HEP entry](#)
- [403] **“Run scenarios for the linear collider”**
 M. Battaglia, J. Barron, M. Dima, L. Hamilton, A. Johnson, U. Nauenberg, M. Route and D. Staszak *et al.*.
 hep-ph/0201177
 eConf C **010630**, E3006 (2001) [HEP entry](#)
- [404] **“Positron polarization and low-energy running at a linear collider”**
 J. Erler, K. Flottmann, S. Heinemeyer, K. Monig, G. A. Moortgat-Pick, P. C. Rowson, E. Torrence and G. Weiglein *et al.*.
 hep-ph/0112070
 eConf C **010630**, E3004 (2001) [HEP entry](#)
- [405] **“Search for leptoquarks in electron photon scattering at $s(ee)^{(1/2)}$ up to 209-GeV at LEP”**
 G. Abbiendi *et al.* [OPAL Collaboration].
 hep-ex/0112024
 10.1016/S0370-2693(01)01485-X
 Phys. Lett. B **526**, 233 (2002) [HEP entry](#)
- [406] **“Post-LEP CMSSM benchmarks for supersymmetry”**
 M. Battaglia, A. De Roeck, J. R. Ellis, F. Gianotti, K. T. Matchev, K. A. Olive, L. Pape and G. W. Wilson.

- hep-ph/0112013
eConf C **010630**, P347 (2001) [HEP entry](#)
- [407] **“Search for doubly charged Higgs bosons with the OPAL detector at LEP”**
G. Abbiendi *et al.* [OPAL Collaboration].
hep-ex/0111059
10.1016/S0370-2693(01)01474-5
Phys. Lett. B **526**, 221 (2002) [HEP entry](#)
- [408] **“Study of the sensitivity to extra-dimensions in the photon graviton channel with polarized beams”**
G. W. Wilson.
In *2nd ECFA/DESY Study 1998-2001* 1506-1511
LC-PHSM-2001-010 [HEP entry](#)
- [409] **“Particle multiplicity of unbiased gluon jets from e^+e^- three jet events”**
G. Abbiendi *et al.* [OPAL Collaboration].
hep-ex/0111013
10.1007/s100520200926
Eur. Phys. J. C **23**, 597 (2002) [HEP entry](#)
- [410] **“Search for Yukawa production of a light neutral Higgs boson at LEP”**
G. Abbiendi *et al.* [OPAL Collaboration].
hep-ex/0111010
10.1007/s100520200896
Eur. Phys. J. C **23**, 397 (2002) [HEP entry](#)
- [411] **“Genuine correlations of like - sign particles in hadronic Z^0 decays”**
G. Abbiendi *et al.* [OPAL Collaboration].
hep-ex/0110051
10.1016/S0370-2693(01)01332-6
Phys. Lett. B **523**, 35 (2001) [HEP entry](#)
- [412] **“Search for single top quark production at LEP-2”**
G. Abbiendi *et al.* [OPAL Collaboration].
hep-ex/0110009
10.1016/S0370-2693(01)01195-9
Phys. Lett. B **521**, 181 (2001) [HEP entry](#)
- [413] **“Measurement of the hadronic cross-section for the scattering of two virtual photons at LEP”**
G. Abbiendi *et al.* [OPAL Collaboration].
hep-ex/0110006
10.1007/s100520200940
Eur. Phys. J. C **24**, 17 (2002) [HEP entry](#)
- [414] **“Search for lepton flavor violation in e^+e^- collisions at $\sqrt{s} = 189\text{-GeV} - 209\text{-GeV}$ ”**
G. Abbiendi *et al.* [OPAL Collaboration].
hep-ex/0109011
10.1016/S0370-2693(01)01086-3
Phys. Lett. B **519**, 23 (2001) [HEP entry](#)
- [415] **“Measurement of the branching ratio for the process $b \rightarrow i \text{ tau- anti-nu}(\text{tau}) X$ ”**
G. Abbiendi *et al.* [OPAL Collaboration].
hep-ex/0108031
10.1016/S0370-2693(01)01012-7
Phys. Lett. B **520**, 1 (2001) [HEP entry](#)
- [416] **“Measurement of Z / gamma^* production in Compton scattering of quasi-real photons”**
G. Abbiendi *et al.* [OPAL Collaboration].
hep-ex/0107047

- 10.1007/s100520100875
Eur. Phys. J. C **24**, 1 (2002) [HEP entry](#)
- [417] **“Angular analysis of the muon pair asymmetry at LEP I”**
G. Abbiendi *et al.* [OPAL Collaboration].
hep-ex/0107046
10.1016/S0370-2693(01)00896-6
Phys. Lett. B **516**, 1 (2001) [HEP entry](#)
- [418] **“Measurement of $-\mathbf{V}(\mathbf{ub})$ — using \mathbf{b} hadron semileptonic decay”**
G. Abbiendi *et al.* [OPAL Collaboration].
hep-ex/0107016
10.1007/s100520100764
Eur. Phys. J. C **21**, 399 (2001) [HEP entry](#)
- [419] **“Precision measurement of the W mass with a polarized threshold scan at a linear collider.”**
G. W. Wilson.
In *2nd ECFA/DESY Study 1998-2001* 1498-1505
LC-PHSM-2001-09 and in Proceedings of the International Workshop on Future Linear Colliders (LCWS 1999), Sitges, Spain. [HEP entry](#)
- [420] **“TESLA: The Superconducting electron positron linear collider with an integrated X-ray laser laboratory. Technical design report. Part 3. Physics at an e^+e^- linear collider”**
J. A. Aguilar-Saavedra *et al.* [ECFA/DESY LC Physics Working Group Collaboration].
hep-ph/0106315 [HEP entry](#)
- [421] **“Linear Collider Physics Resource Book for Snowmass 2001 - Part 2: Higgs and Supersymmetry Studies”**
T. Abe *et al.* [American Linear Collider Working Group Collaboration].
hep-ex/0106056 [HEP entry](#)
- [422] **“Proposed post-LEP benchmarks for supersymmetry”**
M. Battaglia, A. De Roeck, J. R. Ellis, F. Gianotti, K. T. Matchev, K. A. Olive, L. Pape and G. W. Wilson.
hep-ph/0106204
10.1007/s100520100792
Eur. Phys. J. C **22**, 535 (2001) [HEP entry](#)
- [423] **“Search for single leptoquark and squark production in electron photon scattering at $\sqrt{s_{ee}} = 189\text{-GeV}$ at LEP”**
G. Abbiendi *et al.* [OPAL Collaboration].
hep-ex/0106031
10.1007/s100520100859
Eur. Phys. J. C **23**, 1 (2002) [HEP entry](#)
- [424] **“Determination of the \mathbf{b} quark mass at the \mathbf{Z} mass scale”**
G. Abbiendi *et al.* [OPAL Collaboration].
hep-ex/0105046
10.1007/s100520100746
Eur. Phys. J. C **21**, 411 (2001) [HEP entry](#)
- [425] **“TESLA: The superconducting electron positron linear collider with an integrated X-ray laser laboratory. Technical design report. Part 4: A detector for TESLA”**
G. Alexander, F. Badaud, M. Battaglia, T. Behnke, M. Berggren, S. Bertolucci, F. Bieser and G. A. Blair *et al.* [HEP entry](#)
- [426] **“Precision neutral current asymmetry parameter measurements from the tau polarization at LEP”**
G. Abbiendi *et al.* [OPAL Collaboration].
hep-ex/0103045

- 10.1007/s100520100714
Eur. Phys. J. C **21**, 1 (2001) [HEP entry](#)
- [427] **“Measurement of the branching ratio for $D(s) \rightarrow \tau \nu(\tau)$ decays”**
G. Abbiendi *et al.* [OPAL Collaboration].
hep-ex/0103012
10.1016/S0370-2693(01)00936-4
Phys. Lett. B **516**, 236 (2001) [HEP entry](#)
- [428] **“A Search for a narrow radial excitation of the D^{*+} meson”**
G. Abbiendi *et al.* [OPAL Collaboration].
hep-ex/0101045
10.1007/s100520100696
Eur. Phys. J. C **20**, 445 (2001) [HEP entry](#)
- [429] **“A Simultaneous measurement of the QCD color factors and the strong coupling”**
G. Abbiendi *et al.* [OPAL Collaboration].
hep-ex/0101044
10.1007/s100520100699
Eur. Phys. J. C **20**, 601 (2001) [HEP entry](#)
- [430] **“Completing the sparticle spectrum at a multi-TeV linear collider?”**
G. W. Wilson. (Oct 2000) [HEP entry](#)
- [431] **“Search for the standard model Higgs boson in e^+e^- collisions at \sqrt{s} approximately = 192-GeV - 209-GeV”**
G. Abbiendi *et al.* [OPAL Collaboration].
hep-ex/0101014
10.1016/S0370-2693(01)00070-3
Phys. Lett. B **499**, 38 (2001) [HEP entry](#)
- [432] **“Precise determination of the Z resonance parameters at LEP: ‘Zedometry’”**
G. Abbiendi *et al.* [OPAL Collaboration].
hep-ex/0012018
10.1007/s100520100627
Eur. Phys. J. C **19**, 587 (2001) [HEP entry](#)
- [433] **“A Study of B_s meson oscillation using D_s - lepton correlations”**
G. Abbiendi *et al.* [OPAL Collaboration].
hep-ex/0011052
10.1007/s100520100591
Eur. Phys. J. C **19**, 241 (2001) [HEP entry](#)
- [434] **“Charged multiplicities in Z decays into u, d, and s quarks”**
G. Abbiendi *et al.* [OPAL Collaboration].
hep-ex/0011022
10.1007/s100520100611
Eur. Phys. J. C **19**, 257 (2001) [HEP entry](#)
- [435] **“Investigation of the decay of orbitally excited B mesons and first measurement of the branching ratio $BR(B^*(J) \rightarrow B^* \pi(X))$ ”**
G. Abbiendi *et al.* [OPAL Collaboration].
hep-ex/0010031
10.1007/s100520200892
Eur. Phys. J. C **23**, 437 (2002) [HEP entry](#)
- [436] **“Production rates of b anti-b quark pairs from gluons and b anti-b b anti-b events in hadronic Z^0 decays”**
G. Abbiendi *et al.* [OPAL Collaboration].
hep-ex/0010029
10.1007/s100520100580
Eur. Phys. J. C **18**, 447 (2001) [HEP entry](#)

- [437] **“Measurement of the B^0 lifetime and oscillation frequency using $\bar{B}^0 \rightarrow D^{*+}\ell^-$ anti-neutrino decays”**
G. Abbiendi *et al.* [OPAL Collaboration].
hep-ex/0010013
10.1016/S0370-2693(00)01145-X
Phys. Lett. B **493**, 266 (2000) [HEP entry](#)
- [438] **“Measurement of triple gauge boson couplings from W^+W^- production at LEP energies up to 189-GeV”**
G. Abbiendi *et al.* [OPAL Collaboration].
hep-ex/0009022
10.1007/s100520100597
Eur. Phys. J. C **19**, 1 (2001) [HEP entry](#)
- [439] **“Measurement of W boson polarizations and CP violating triple gauge couplings from W^+W^- production at LEP”**
G. Abbiendi *et al.* [OPAL Collaboration].
hep-ex/0009021
10.1007/s100520100602
Eur. Phys. J. C **19**, 229 (2001) [HEP entry](#)
- [440] **“A Measurement of the rate of charm production in W decays”**
G. Abbiendi *et al.* [OPAL Collaboration].
hep-ex/0009020
10.1016/S0370-2693(00)00971-0
Phys. Lett. B **490**, 71 (2000) [HEP entry](#)
- [441] **“ W^+W^- production cross-section and W branching fractions in e^+e^- collisions at 189 GeV”**
G. Abbiendi *et al.* [OPAL Collaboration].
hep-ex/0009019
10.1016/S0370-2693(00)01085-6
Phys. Lett. B **493**, 249 (2000) [HEP entry](#)
- [442] **“Measurement of the mass and width of the W boson in e^+e^- collisions at 189-GeV”**
G. Abbiendi *et al.* [OPAL Collaboration].
hep-ex/0009018
10.1016/S0370-2693(01)00131-9
Phys. Lett. B **507**, 29 (2001) [HEP entry](#)
- [443] **“A Study of one prong tau decays with a charged kaon”**
G. Abbiendi *et al.* [OPAL Collaboration].
hep-ex/0009017
10.1007/s100520100632
Eur. Phys. J. C **19**, 653 (2001) [HEP entry](#)
- [444] **“Two Higgs doublet model and model independent interpretation of neutral Higgs boson searches”**
G. Abbiendi *et al.* [OPAL Collaboration].
hep-ex/0007040
10.1007/s100520000544
Eur. Phys. J. C **18**, 425 (2001) [HEP entry](#)
- [445] **“Measurement of the low x behavior of the photon structure function $F(2)\gamma$ ”**
G. Abbiendi *et al.* [OPAL Collaboration].
hep-ex/0007018
10.1007/s100520000523
Eur. Phys. J. C **18**, 15 (2000) [HEP entry](#)

- [446] **“Multiplicities of π^0 , η , K^0 and of charged particles in quark and gluon jets”**
 G. Abbiendi *et al.* [OPAL Collaboration].
 hep-ex/0007017
 10.1007/s100520000505
 Eur. Phys. J. C **17**, 373 (2000) [HEP entry](#)
- [447] **“Search for trilinear neutral gauge boson couplings in Z^- gamma production at $S^{(1/2)} = 189\text{-GeV}$ at LEP”**
 G. Abbiendi *et al.* [OPAL Collaboration].
 hep-ex/0007016
 10.1007/s100520000490
 Eur. Phys. J. C **17**, 553 (2000) [HEP entry](#)
- [448] **“First measurement of the inclusive branching ratio of b hadrons to phi mesons in Z^0 decays”**
 G. Abbiendi *et al.* [OPAL Collaboration].
 hep-ex/0007015
 10.1016/S0370-2693(00)01066-2
 Phys. Lett. B **492**, 13 (2000) [HEP entry](#)
- [449] **“Searches for prompt light gravitino signatures in e^+e^- collisions at $\sqrt{s} = 189\text{ GeV}$ ”**
 G. Abbiendi *et al.* [OPAL Collaboration].
 hep-ex/0007014
 10.1016/S0370-2693(01)00101-0
 Phys. Lett. B **501**, 12 (2001) [HEP entry](#)
- [450] **“A Measurement of the tau mass and the first CPT test with tau leptons”**
 G. Abbiendi *et al.* [OPAL Collaboration].
 hep-ex/0005009
 10.1016/S0370-2693(00)01022-4
 Phys. Lett. B **492**, 23 (2000) [HEP entry](#)
- [451] **“Photonic events with missing energy in e^+e^- collisions at $\sqrt{s} = 189\text{ GeV}$ ”**
 G. Abbiendi *et al.* [OPAL Collaboration].
 hep-ex/0005002
 10.1007/s100520000522
 Eur. Phys. J. C **18**, 253 (2000) [HEP entry](#)
- [452] **“Z boson pair production in e^+e^- collisions at $\sqrt{s} = 183\text{-GeV}$ and 189-GeV ”**
 G. Abbiendi *et al.* [OPAL Collaboration].
 hep-ex/0003016
 10.1016/S0370-2693(00)00197-0
 Phys. Lett. B **476**, 256 (2000) [HEP entry](#)
- [453] **“Measurement of —V(cb)— using anti- $B^0 \text{—} \rightarrow D^* + \text{lepton- anti-neutrino decays}$ ”**
 G. Abbiendi *et al.* [OPAL Collaboration].
 hep-ex/0003013
 10.1016/S0370-2693(00)00457-3
 Phys. Lett. B **482**, 15 (2000) [HEP entry](#)
- [454] **“Transverse and longitudinal Bose Einstein correlations in hadronic Z^0 decays”**
 G. Abbiendi *et al.* [OPAL Collaboration].
 hep-ex/0002062
 10.1007/s100520000407
 Eur. Phys. J. C **16**, 423 (2000) [HEP entry](#)
- [455] **“Bose-Einstein correlations in K^+K^- pairs from Z^0 decays into two hadronic jets”**
 G. Abbiendi *et al.* [OPAL Collaboration].
 hep-ex/0001045
 10.1007/s100520100715
 Eur. Phys. J. C **21**, 23 (2001) [HEP entry](#)

- [456] **“Precision measurement of the W mass with a polarised threshold scan at a linear collider”**
G. W. Wilson. (Apr 1999) [HEP entry](#)
- [457] **“Measurements of $R(b)$, $A^{**b}(\text{FB})$, and $A^{**c}(\text{FB})$ in e^+e^- collisions at 130-GeV - 189-GeV”**
G. Abbiendi *et al.* [OPAL Collaboration].
hep-ex/0002024
10.1007/s100520050002
Eur. Phys. J. C **16**, 41 (2000) [HEP entry](#)
- [458] **“QCD studies with e^+e^- annihilation data at 172-GeV - 189-GeV”**
G. Abbiendi *et al.* [OPAL Collaboration].
hep-ex/0002012
10.1007/s100520050015
Eur. Phys. J. C **16**, 185 (2000) [HEP entry](#)
- [459] **“Search for new physics in rare B decays”**
G. Abbiendi *et al.* [OPAL Collaboration].
hep-ex/0002008
10.1016/S0370-2693(00)00162-3
Phys. Lett. B **476**, 233 (2000) [HEP entry](#)
- [460] **“Search for unstable heavy and excited leptons at LEP 2”**
G. Abbiendi *et al.* [OPAL Collaboration].
hep-ex/0001056
10.1007/s100520050734
Eur. Phys. J. C **14**, 73 (2000) [HEP entry](#)
- [461] **“QCD analyses and determinations of $\alpha(s)$ in e^+e^- annihilation at energies between 35-GeV and 189-GeV”**
P. Pfeifenschneider *et al.* [JADE and OPAL Collaborations].
hep-ex/0001055
10.1007/s100520000432
Eur. Phys. J. C **17**, 19 (2000) [HEP entry](#)
- [462] **“Leading particle production in light flavor jets”**
G. Abbiendi *et al.* [OPAL Collaboration].
hep-ex/0001054
10.1007/s100520000406
Eur. Phys. J. C **16**, 407 (2000) [HEP entry](#)
- [463] **“Report of the beyond the standard model working group of the 1999 UK phenomenology workshop on collider physics (Durham)”**
B. C. Allanach, J. van der Bij, A. Dedes, A. Djouadi, J. Grosse-Knetter, J. Hetherington, S. Heinemeyer and J. Holt *et al.*.
hep-ph/9912302
10.1088/0954-3899/26/5/311
J. Phys. G **26**, 551 (2000) [HEP entry](#)
- [464] **“Inclusive production of D^{*+} mesons in photon-photon collisions at $\sqrt{s}(ee) = 183\text{-GeV}$ and 189-GeV and a first measurement of $F^{**\gamma}(2,c)$ ”**
G. Abbiendi *et al.* [OPAL Collaboration].
hep-ex/9911030
10.1007/s100520000420
Eur. Phys. J. C **16**, 579 (2000) [HEP entry](#)
- [465] **“Tau decays with neutral kaons”**
G. Abbiendi *et al.* [OPAL Collaboration].
hep-ex/9911029
10.1007/s100520000317
Eur. Phys. J. C **13**, 213 (2000) [HEP entry](#)

- [466] **“Measurement of the $W^+W^-\gamma$ cross-section and first direct limits on anomalous electroweak quartic gauge couplings”**
 G. Abbiendi *et al.* [OPAL Collaboration].
 hep-ex/9910069
 10.1016/S0370-2693(99)01357-X
 Phys. Lett. B **471**, 293 (1999) [HEP entry](#)
- [467] **“Precision luminosity for Z^0 line shape measurements with a silicon tungsten calorimeter”**
 G. Abbiendi *et al.* [OPAL Collaboration].
 hep-ex/9910066
 10.1007/s100520000353
 Eur. Phys. J. C **14**, 373 (2000) [HEP entry](#)
- [468] **“Search for anomalous production of acoplanar di-lepton events in e^+e^- collisions at $\sqrt{s} = 183 - 189$ GeV”**
 G. Abbiendi *et al.* [OPAL Collaboration].
 hep-ex/9909052
 10.1007/s100520050733
 Eur. Phys. J. C **14**, 51 (2000) [HEP entry](#)
- [469] **“Search for chargino and neutralino production at $\sqrt{s} = 189$ GeV at LEP”**
 G. Abbiendi *et al.* [OPAL Collaboration].
 hep-ex/9909051
 Eur. Phys. J. C **14**, 187 (2000), [Erratum-ibid. C **16**, 707 (2000)] [HEP entry](#)
- [470] **“A Study of three prong tau decays with charged kaons”**
 G. Abbiendi *et al.* [OPAL Collaboration].
 hep-ex/9908013
 10.1007/s100520000272
 Eur. Phys. J. C **13**, 197 (2000) [HEP entry](#)
- [471] **“Tests of the standard model and constraints on new physics from measurements of fermion pair production at 189-GeV at LEP”**
 G. Abbiendi *et al.* [OPAL Collaboration].
 hep-ex/9908008
 10.1007/s100520050718
 Eur. Phys. J. C **13**, 553 (2000) [HEP entry](#)
- [472] **“Search for pair produced leptoquarks in e^+e^- interactions at $S^{(1/2)}$ approximately = 183-GeV”**
 G. Abbiendi *et al.* [OPAL Collaboration].
 hep-ex/9908007
 Eur. Phys. J. C **13**, 15 (2000) [HEP entry](#)
- [473] **“Search for neutral Higgs bosons in e^+e^- collisions at \sqrt{s} approximately equals 189-GeV”**
 G. Abbiendi *et al.* [OPAL Collaboration].
 hep-ex/9908002
 10.1007/s100520000286
 Eur. Phys. J. C **12**, 567 (2000) [HEP entry](#)
- [474] **“Measurement of the production rate of charm quark pairs from gluons in hadronic Z^0 decays”**
 G. Abbiendi *et al.* [OPAL Collaboration].
 hep-ex/9908001
 Eur. Phys. J. C **13**, 1 (2000) [HEP entry](#)
- [475] **“Multiphoton production in e^+e^- collisions at $\sqrt{s} = 189$ GeV”**
 G. Abbiendi *et al.* [OPAL Collaboration].
 hep-ex/9907064
 10.1016/S0370-2693(99)01092-8
 Phys. Lett. B **465**, 303 (1999) [HEP entry](#)

- [476] **“A Study of B0(S) meson oscillation using hadronic Z^0 decays containing leptons”**
 G. Abbiendi *et al.* [OPAL Collaboration].
 hep-ex/9907061
 10.1007/s100520050658
 Eur. Phys. J. C **11**, 587 (1999) [HEP entry](#)
- [477] **“Search for Higgs bosons and other massive states decaying into two photons in e^+e^- collisions at 189-GeV”**
 G. Abbiendi *et al.* [OPAL Collaboration].
 hep-ex/9907060
 10.1016/S0370-2693(99)00861-8
 Phys. Lett. B **464**, 311 (1999) [HEP entry](#)
- [478] **“A Study of spin alignment of rho(770)+- and omega(782) mesons in hadronic Z^0 decays”**
 G. Abbiendi *et al.* [OPAL Collaboration].
 hep-ex/9906043
 10.1007/s100520050003
 Eur. Phys. J. C **16**, 61 (2000) [HEP entry](#)
- [479] **“Measurements of inclusive semileptonic branching fractions of b hadrons in Z^0 decays”**
 G. Abbiendi *et al.* [OPAL Collaboration].
 hep-ex/9906041
 10.1007/s100520050688
 Eur. Phys. J. C **13**, 225 (2000) [HEP entry](#)
- [480] **“Total hadronic cross-section of photon-photon interactions at LEP”**
 G. Abbiendi *et al.* [OPAL Collaboration].
 hep-ex/9906039
 10.1007/s100520000352
 Eur. Phys. J. C **14**, 199 (2000) [HEP entry](#)
- [481] **“Search for R-parity violating decays of scalar fermions at LEP”**
 G. Abbiendi *et al.* [OPAL Collaboration].
 hep-ex/9904015
 10.1007/s100529900226
 Eur. Phys. J. C **12**, 1 (2000) [HEP entry](#)
- [482] **“Test of the flavor independence of alpha(s) using next-to-leading order calculations for heavy quarks”**
 G. Abbiendi *et al.* [OPAL Collaboration].
 hep-ex/9904013
 10.1007/s100520050661
 Eur. Phys. J. C **11**, 643 (1999) [HEP entry](#)
- [483] **“Search for scalar top and scalar bottom quarks at $\sqrt{s} = 189$ -GeV at LEP”**
 G. Abbiendi *et al.* [OPAL Collaboration].
 hep-ex/9903070
 10.1016/S0370-2693(99)00440-2
 Phys. Lett. B **456**, 95 (1999) [HEP entry](#)
- [484] **“Experimental properties of gluon and quark jets from a point source”**
 G. Abbiendi *et al.* [OPAL Collaboration].
 hep-ex/9903027
 10.1007/s100520050628
 Eur. Phys. J. C **11**, 217 (1999) [HEP entry](#)
- [485] **“Measurements of the QED structure of the photon”**
 G. Abbiendi *et al.* [OPAL Collaboration].
 hep-ex/9902024
 10.1007/s100520050644
 Eur. Phys. J. C **11**, 409 (1999) [HEP entry](#)

- [486] **“Intermittency and correlations in hadronic Z^0 decays”**
 G. Abbiendi *et al.* [OPAL Collaboration].
 hep-ex/9902021
 10.1007/s100520050629
 Eur. Phys. J. C **11**, 239 (1999) [HEP entry](#)
- [487] **“Searches for R-parity violating decays of gauginos at 183-GeV at LEP”**
 G. Abbiendi *et al.* [OPAL Collaboration].
 hep-ex/9901037
 10.1007/s100520050660
 Eur. Phys. J. C **11**, 619 (1999) [HEP entry](#)
- [488] **“Measurement of the W mass and width in e^+e^- collisions at 183-GeV”**
 G. Abbiendi *et al.* [OPAL Collaboration].
 hep-ex/9901025
 10.1016/S0370-2693(99)00308-1
 Phys. Lett. B **453**, 138 (1999) [HEP entry](#)
- [489] **“Color reconnection studies in $e^+e^- \rightarrow W^+ W^-$ at $\sqrt{s} = 183\text{-GeV}$ ”**
 G. Abbiendi *et al.* [OPAL Collaboration].
 hep-ex/9901019
 10.1016/S0370-2693(99)00309-3
 Phys. Lett. B **453**, 153 (1999) [HEP entry](#)
- [490] **“Measurement of the B^+ and B^0 lifetimes and search for $CP(T)$ violation using reconstructed secondary vertices”**
 G. Abbiendi *et al.* [OPAL Collaboration].
 hep-ex/9901017
 Eur. Phys. J. C **12**, 609 (2000) [HEP entry](#)
- [491] **“Search for baryon and lepton number violating Z^0 decays”**
 G. Abbiendi *et al.* [OPAL Collaboration].
 hep-ex/9901011
 10.1016/S0370-2693(98)01570-6
 Phys. Lett. B **447**, 157 (1999) [HEP entry](#)
- [492] **“A Measurement of the product branching ratio $f(b \rightarrow \Lambda(b)) \times BR(\Lambda(b) \rightarrow \Lambda X)$ in Z^0 decays”**
 G. Abbiendi *et al.* [OPAL Collaboration].
 hep-ex/9812018
 10.1007/s100520050508
 Eur. Phys. J. C **9**, 1 (1999) [HEP entry](#)
- [493] **“A Measurement of the tau- $\rightarrow e^- \bar{\nu}_e \nu_\tau$ anti-neutrino(e) neutrino(tau) branching ratio”**
 G. Abbiendi *et al.* [OPAL Collaboration].
 hep-ex/9812017
 10.1016/S0370-2693(98)01553-6
 Phys. Lett. B **447**, 134 (1999) [HEP entry](#)
- [494] **“Bose-Einstein correlations in $e^+e^- \rightarrow W^+ W^-$ at 172-GeV and 183-GeV”**
 G. Abbiendi *et al.* [OPAL Collaboration].
 hep-ex/9811030
 10.1007/s100529900014
 Eur. Phys. J. C **8**, 559 (1999) [HEP entry](#)
- [495] **“Search for Higgs bosons in e^+e^- collisions at 183 GeV”**
 G. Abbiendi *et al.* [OPAL Collaboration].
 hep-ex/9811025
 10.1007/s100529901102
 Eur. Phys. J. C **7**, 407 (1999) [HEP entry](#)

- [496] **“ W^+W^- production and triple gauge boson couplings at LEP energies up to 183 GeV”**
 G. Abbiendi *et al.* [OPAL Collaboration].
 hep-ex/9811028
 10.1007/s100529901106
 Eur. Phys. J. C **8**, 191 (1999) [HEP entry](#)
- [497] **“Search for anomalous photonic events with missing energy in e^+e^- collisions at $\sqrt{s} = 130, 136, 183$ GeV”**
 G. Abbiendi *et al.* [OPAL Collaboration].
 hep-ex/9810021
 10.1007/s100520050442
 Eur. Phys. J. C **8**, 23 (1999) [HEP entry](#)
- [498] **“Measurement of the semileptonic branching ratio of charm hadrons produced in $Z^0 \rightarrow c\bar{c}$ decays”**
 G. Abbiendi *et al.* [OPAL Collaboration].
 hep-ex/9810016
 10.1007/s100529900020
 Eur. Phys. J. C **8**, 573 (1999) [HEP entry](#)
- [499] **“Search for chargino and neutralino production at $\sqrt{s} = 181 - 184$ GeV at LEP”**
 G. Abbiendi *et al.* [OPAL Collaboration].
 hep-ex/9809031
 10.1007/s100529901059
 Eur. Phys. J. C **8**, 255 (1999) [HEP entry](#)
- [500] **“A Measurement of R(b) using a double tagging method”**
 G. Abbiendi *et al.* [OPAL Collaboration].
 hep-ex/9810002
 10.1007/s100529901087
 Eur. Phys. J. C **8**, 217 (1999) [HEP entry](#)
- [501] **“Measurement of the longitudinal cross-section using the direction of the thrust axis in hadronic events at LEP”**
 G. Abbiendi *et al.* [OPAL Collaboration].
 hep-ex/9808035
 10.1016/S0370-2693(98)01172-1
 Phys. Lett. B **440**, 393 (1998) [HEP entry](#)
- [502] **“Search for acoplanar lepton pair events in e^+e^- collisions at $\sqrt{s} = 161, 172, 183$ GeV”**
 G. Abbiendi *et al.* [OPAL Collaboration].
 hep-ex/9808036
 10.1007/s100529900147
 Eur. Phys. J. C **12**, 551 (2000) [HEP entry](#)
- [503] **“First measurement of Z / gamma* production in Compton scattering of quasireal photons”**
 G. Abbiendi *et al.* [OPAL Collaboration].
 hep-ex/9808030
 10.1016/S0370-2693(98)01140-X
 Phys. Lett. B **438**, 391 (1998) [HEP entry](#)
- [504] **“Measurement of the average polarization of b baryons in hadronic Z^0 decays”**
 G. Abbiendi *et al.* [OPAL Collaboration].
 hep-ex/9808006
 10.1016/S0370-2693(98)01387-2
 Phys. Lett. B **444**, 539 (1998) [HEP entry](#)
- [505] **“A Study of parton fragmentation in hadronic Z^0 decays using Lambda anti-Lambda correlations”**

- G. Abbiendi *et al.* [OPAL Collaboration].
 hep-ex/9808031
 10.1007/s100520050685
 Eur. Phys. J. C **13**, 185 (2000) [HEP entry](#)
- [506] **“Dijet production in photon-photon collisions at $S^{(1/2)}$ (ee) = 161-GeV and 172-GeV”**
 G. Abbiendi *et al.* [OPAL Collaboration].
 hep-ex/9808027
 10.1007/s100529900139
 Eur. Phys. J. C **10**, 547 (1999) [HEP entry](#)
- [507] **“Production of chi (c2) mesons in photon-photon collisions at LEP”**
 K. Ackerstaff *et al.* [OPAL Collaboration].
 hep-ex/9808025
 10.1016/S0370-2693(98)01128-9
 Phys. Lett. B **439**, 197 (1998) [HEP entry](#)
- [508] **“Search for scalar top and scalar bottom quarks at $S^{(1/2)}$ = 183-GeV at LEP”**
 K. Ackerstaff *et al.* [OPAL Collaboration].
 hep-ex/9808026
 10.1007/s100529801042
 Eur. Phys. J. C **6**, 225 (1999) [HEP entry](#)
- [509] **“Tests of the standard model and constraints on new physics from measurements of fermion pair production at 183-GeV at LEP”**
 G. Abbiendi *et al.* [OPAL Collaboration].
 hep-ex/9808023
 10.1007/s100529801027
 Eur. Phys. J. C **6**, 1 (1999) [HEP entry](#)
- [510] **“Measurement of the Michel parameters in leptonic tau decays”**
 K. Ackerstaff *et al.* [OPAL Collaboration].
 hep-ex/9808016
 10.1007/s100529901080
 Eur. Phys. J. C **8**, 3 (1999) [HEP entry](#)
- [511] **“Measurement of the strong coupling constant $\alpha(s)$ and the vector and axial vector spectral functions in hadronic tau decays”**
 K. Ackerstaff *et al.* [OPAL Collaboration].
 hep-ex/9808019
 10.1007/s100529901061
 Eur. Phys. J. C **7**, 571 (1999) [HEP entry](#)
- [512] **“Search for Higgs bosons and new particles decaying into two photons at \sqrt{s} = 183-GeV”**
 K. Ackerstaff *et al.* [OPAL Collaboration].
 hep-ex/9808014
 10.1016/S0370-2693(98)01095-8
 Phys. Lett. B **437**, 218 (1998) [HEP entry](#)
- [513] **“Multiphoton production in e^+e^- collisions at \sqrt{s} = 183 GeV”**
 K. Ackerstaff *et al.* [OPAL Collaboration].
 hep-ex/9808012
 10.1016/S0370-2693(98)01096-X
 Phys. Lett. B **438**, 379 (1998) [HEP entry](#)
- [514] **“Inclusive production of charged hadrons and K0(S) mesons in photon-photon collisions”**
 K. Ackerstaff *et al.* [OPAL Collaboration].
 hep-ex/9808009, hep-ex/9808009
 10.1007/s100529801028
 Eur. Phys. J. C **6**, 253 (1999) [HEP entry](#)

- [515] **“Measurement of tau branching ratios to five charged hadrons”**
 K. Ackerstaff *et al.* [OPAL Collaboration].
 hep-ex/9808011
 10.1007/s100529901057
 Eur. Phys. J. C **8**, 183 (1999) [HEP entry](#)
- [516] **“Measurements of flavor dependent fragmentation functions in $Z^0 \rightarrow q \text{ anti-}q$ events”**
 K. Ackerstaff *et al.* [OPAL Collaboration].
 hep-ex/9807004
 10.1007/s100529901067
 Eur. Phys. J. C **7**, 369 (1999) [HEP entry](#)
- [517] **“Bose-Einstein correlations of three charged pions in hadronic Z^0 decays”**
 K. Ackerstaff *et al.* [OPAL Collaboration].
 hep-ex/9806036
 10.1007/s100520050265
 Eur. Phys. J. C **5**, 239 (1998) [HEP entry](#)
- [518] **“An Upper limit for the tau-neutrino mass from tau $\rightarrow 5 \pi^+ \text{ tau-neutrino}$ decays”**
 K. Ackerstaff *et al.* [OPAL Collaboration].
 hep-ex/9806035
 10.1007/s100520050264
 Eur. Phys. J. C **5**, 229 (1998) [HEP entry](#)
- [519] **“Production of K0(S) and Lambda in quark and gluon jets from Z^0 decay”**
 K. Ackerstaff *et al.* [OPAL Collaboration].
 hep-ex/9805025
 10.1007/s100529901058
 Eur. Phys. J. C **8**, 241 (1999) [HEP entry](#)
- [520] **“Photon and light meson production in hadronic Z^0 decays”**
 K. Ackerstaff *et al.* [OPAL Collaboration].
 hep-ex/9805011
 10.1007/s100520050286
 Eur. Phys. J. C **5**, 411 (1998) [HEP entry](#)
- [521] **“Search for stable and longlived massive charged particles in e^+e^- collisions at $\sqrt{s} = 130\text{-GeV} - 183\text{-GeV}$ ”**
 K. Ackerstaff *et al.* [OPAL Collaboration].
 hep-ex/9803026
 10.1016/S0370-2693(98)00518-8
 Phys. Lett. B **433**, 195 (1998) [HEP entry](#)
- [522] **“An Upper limit on the anomalous magnetic moment of the tau lepton”**
 K. Ackerstaff *et al.* [OPAL Collaboration].
 hep-ex/9803020
 10.1016/S0370-2693(98)00520-6
 Phys. Lett. B **431**, 188 (1998) [HEP entry](#)
- [523] **“A Search for neutral Higgs bosons in the MSSM and models with two scalar field doublets”**
 K. Ackerstaff *et al.* [OPAL Collaboration].
 hep-ex/9803019
 10.1007/s100520050245
 Eur. Phys. J. C **5**, 19 (1998) [HEP entry](#)
- [524] **“Search for an excess in the production of four jet events from e^+e^- collisions at $\sqrt{s} = 130\text{-GeV} - 184\text{-GeV}$ ”**
 K. Ackerstaff *et al.* [OPAL Collaboration].
 hep-ex/9802015

- 10.1016/S0370-2693(98)00470-5
 Phys. Lett. B **429**, 399 (1998) [HEP entry](#)
- [525] **“Production of $f(0)(980)$, $f(2)(1270)$ and $\phi(1020)$ in hadronic Z^0 decay”**
 K. Ackerstaff *et al.* [OPAL Collaboration].
 hep-ex/9802013
 10.1007/s100520050183
 Eur. Phys. J. C **4**, 19 (1998) [HEP entry](#)
- [526] **“Determination of the production rate of D^{*0} mesons and of the ratio $V / (V+P)$ in $Z^0 \rightarrow c \text{ anti-}c$ decays”**
 K. Ackerstaff *et al.* [OPAL Collaboration].
 hep-ex/9802008
 Eur. Phys. J. C **5**, 1 (1998) [HEP entry](#)
- [527] **“Investigation of CP violation in $B^0 \rightarrow J/\psi K_S^0$ decays at LEP”**
 K. Ackerstaff *et al.* [OPAL Collaboration].
 hep-ex/9801022
 10.1007/s100520050284
 Eur. Phys. J. C **5**, 379 (1998) [HEP entry](#)
- [528] **“Search for the B_c meson in hadronic Z^0 decays”**
 K. Ackerstaff *et al.* [OPAL Collaboration].
 hep-ex/9801026
 10.1016/S0370-2693(97)01569-4
 Phys. Lett. B **420**, 157 (1998) [HEP entry](#)
- [529] **“Searches for new particles at LEP2 and 4-jet status”**
 G. W. Wilson. (Mar 1997) [HEP entry](#)
- [530] **“Search for charged Higgs bosons in e^+e^- collisions at $\sqrt{s} = 130 - 172$ GeV”**
 K. Ackerstaff *et al.* [OPAL Collaboration].
 hep-ex/9802004
 10.1016/S0370-2693(98)00360-8
 Phys. Lett. B **426**, 180 (1998) [HEP entry](#)
- [531] **“Measurements of the B_s^0 and Λ_b^0 lifetimes”**
 K. Ackerstaff *et al.* [OPAL Collaboration].
 hep-ex/9802002
 10.1016/S0370-2693(98)00289-5
 Phys. Lett. B **426**, 161 (1998) [HEP entry](#)
- [532] **“Measurement of the one prong hadronic tau branching ratios at LEP”**
 K. Ackerstaff *et al.* [OPAL Collaboration].
 hep-ex/9801029
 10.1007/s100520050197
 Eur. Phys. J. C **4**, 193 (1998) [HEP entry](#)
- [533] **“Search for anomalous production of photonic events with missing energy in e^+e^- collisions at $\sqrt{s} = 130 - 172$ GeV”**
 K. Ackerstaff *et al.* [OPAL Collaboration].
 hep-ex/9801024
 10.1007/s100520050165
 Eur. Phys. J. C **2**, 607 (1998) [HEP entry](#)
- [534] **“Search for anomalous production of dilepton events with missing transverse momentum in e^+e^- collisions at $\sqrt{s} = 161, 172$ GeV”**
 K. Ackerstaff *et al.* [OPAL Collaboration].
 hep-ex/9710010
 10.1007/s100520050185
 Eur. Phys. J. C **4**, 47 (1998) [HEP entry](#)

- [535] **“Search for unstable heavy and excited leptons in e^+e^- collisions at $\sqrt{s} = 170 - 172$ GeV”**
 K. Ackerstaff *et al.* [OPAL Collaboration].
 hep-ex/9709027
 10.1007/s100520050061
 Eur. Phys. J. C **1**, 45 (1998) [HEP entry](#)
- [536] **“Measurement of triple gauge boson couplings from W^+W^- production at $\sqrt{s} = 172$ GeV”**
 K. Ackerstaff *et al.* [OPAL Collaboration].
 hep-ex/9709023
 10.1007/s100520050164
 Eur. Phys. J. C **2**, 597 (1998) [HEP entry](#)
- [537] **“Search for a massive di-photon resonance at $\sqrt{s} = 91$ -GeV - 172-GeV”**
 K. Ackerstaff *et al.* [OPAL Collaboration].
 hep-ex/9709022
 10.1007/s100520050060
 Eur. Phys. J. C **1**, 31 (1998) [HEP entry](#)
- [538] **“Measurement of the W boson mass and W^+W^- production and decay properties in e^+e^- collisions at $\sqrt{s} = 172$ GeV”**
 K. Ackerstaff *et al.* [OPAL Collaboration].
 hep-ex/9709006
 10.1007/s100520050093
 Eur. Phys. J. C **1**, 395 (1998) [HEP entry](#)
- [539] **“Search for the standard model higgs boson in e^+e^- collisions at $\sqrt{s} = 161$ -GeV - 172-GeV”**
 K. Ackerstaff *et al.* [OPAL Collaboration].
 hep-ex/9709003
 10.1007/s100520050094
 Eur. Phys. J. C **1**, 425 (1998) [HEP entry](#)
- [540] **“Multiphoton final states in e^+e^- collisions at $\sqrt{s} = 130 - 172$ GeV”**
 K. Ackerstaff *et al.* [OPAL Collaboration].
 hep-ex/9709002
 10.1007/s100520050059
 Eur. Phys. J. C **1**, 21 (1998) [HEP entry](#)
- [541] **“Multiplicity distributions of gluon and quark jets and tests of QCD analytic predictions”**
 K. Ackerstaff *et al.* [OPAL Collaboration].
 hep-ex/9708029
 10.1007/s100520050097
 Eur. Phys. J. C **1**, 479 (1998) [HEP entry](#)
- [542] **“Polarization and forward-backward asymmetry of Lambda baryons in hadronic Z^0 decays”**
 K. Ackerstaff *et al.* [OPAL Collaboration].
 hep-ex/9708027
 10.1007/s100520050123
 Eur. Phys. J. C **2**, 49 (1998) [HEP entry](#)
- [543] **“Measurement of the photon structure function $F_2(\gamma)$ at low x ”**
 K. Ackerstaff *et al.* [OPAL Collaboration].
 hep-ex/9708028
 10.1016/S0370-2693(97)01022-8
 Phys. Lett. B **412**, 225 (1997) [HEP entry](#)
- [544] **“Tests of the standard model and constraints on new physics from measurements of fermion pair production at 130-GeV to 172-GeV at LEP”**
 K. Ackerstaff *et al.* [OPAL Collaboration].

- hep-ex/9708024
10.1007/s100520050152
Eur. Phys. J. C **2**, 441 (1998) [HEP entry](#)
- [545] **“A Measurement of the B_s^0 lifetime using reconstructed D_s - mesons”**
K. Ackerstaff *et al.* [OPAL Collaboration].
hep-ex/9708023
10.1007/s100520050150
Eur. Phys. J. C **2**, 407 (1998) [HEP entry](#)
- [546] **“Spin alignment of leading $K^*(892)0$ mesons in hadronic Z^0 decays”**
K. Ackerstaff *et al.* [OPAL Collaboration].
hep-ex/9708022
10.1016/S0370-2693(97)01077-0
Phys. Lett. B **412**, 210 (1997) [HEP entry](#)
- [547] **“Measurement of $f(c \rightarrow \bar{c} D^{*+} X)$, $f(b \rightarrow \bar{c} D^{*+} X)$ and $\Gamma(c \text{ anti-}c) / \Gamma(\text{hadronic})$ using D^{*+-} mesons”**
K. Ackerstaff *et al.* [OPAL Collaboration].
hep-ex/9708021
10.1007/s100520050095
Eur. Phys. J. C **1**, 439 (1998) [HEP entry](#)
- [548] **“Report of the 1997 LEP2 working group on searches”**
B. C. Allanach, G. A. Blair, M. A. Diaz, H. K. Dreiner, J. R. Ellis, P. Igo-Kemenes, S. F. King and P. Morawitz *et al.*.
hep-ph/9708250
10.1088/0954-3899/24/2/012
J. Phys. G **24**, 421 (1998) [HEP entry](#)
- [549] **“Measurement of the Q^{*2} evolution of the photon structure function $F_2(\gamma)$ ”**
K. Ackerstaff *et al.* [OPAL Collaboration].
hep-ex/9708019
10.1016/S0370-2693(97)01023-X
Phys. Lett. B **411**, 387 (1997) [HEP entry](#)
- [550] **“Measurement of the quark to photon fragmentation function through the inclusive production of prompt photons in hadronic Z^0 decays”**
K. Ackerstaff *et al.* [OPAL Collaboration].
hep-ex/9708020
10.1007/s100520050122
Eur. Phys. J. C **2**, 39 (1998) [HEP entry](#)
- [551] **“Search for chargino and neutralino production at $\sqrt{s} = 170\text{-GeV}$ and 172-GeV at LEP”**
K. Ackerstaff *et al.* [OPAL Collaboration].
hep-ex/9708018, hep-ex/9708018
10.1007/s100520050134
Eur. Phys. J. C **2**, 213 (1998) [HEP entry](#)
- [552] **“Measurement of the branching fractions and forward - backward asymmetries of the Z^0 into light quarks”**
K. Ackerstaff *et al.* [OPAL Collaboration].
hep-ex/9707019
10.1007/s002880050563
Z. Phys. C **76**, 387 (1997) [HEP entry](#)
- [553] **“An Updated study of B meson oscillations using dilepton events”**
K. Ackerstaff *et al.* [OPAL Collaboration].
hep-ex/9707010
10.1007/s002880050565
Z. Phys. C **76**, 417 (1997) [HEP entry](#)

- [554] **“An Upper limit on the branching ratio for tau decays into seven charged particles”**
 K. Akerstaff *et al.* [OPAL Collaboration].
 hep-ex/9707023
 10.1016/S0370-2693(97)00648-5
 Phys. Lett. B **404**, 213 (1997) [HEP entry](#)
- [555] **“Search for scalar top and scalar bottom quarks at $\sqrt{s} = 170\text{-GeV} - 172\text{-GeV}$ in e^+e^- collisions”**
 K. Akerstaff *et al.* [OPAL Collaboration].
 10.1007/s002880050484
 Z. Phys. C **75**, 409 (1997). [HEP entry](#)
- [556] **“Physics with e^+e^- linear colliders”**
 E. Accomando *et al.* [ECFA/DESY LC Physics Working Group Collaboration].
 hep-ph/9705442
 10.1016/S0370-1573(97)00086-0
 Phys. Rept. **299**, 1 (1998) [HEP entry](#)
- [557] **“A Study of B meson oscillations using hadronic Z^0 decays containing leptons”**
 K. Akerstaff *et al.* [OPAL Collaboration].
 hep-ex/9707009
 10.1007/s002880050564
 Z. Phys. C **76**, 401 (1997) [HEP entry](#)
- [558] **“Production of P wave charm and charm - strange mesons in hadronic Z^0 decays”**
 K. Akerstaff *et al.* [OPAL Collaboration].
 10.1007/s002880050566
 Z. Phys. C **76**, 425 (1997). [HEP entry](#)
- [559] **“A Measurement of the hadronic decay current and the tau-neutrino helicity in tau- \rightarrow $\pi^- \pi^+ \pi^-$ tau-neutrino”**
 K. Akerstaff *et al.* [OPAL Collaboration].
 10.1007/s002880050505
 Z. Phys. C **75**, 593 (1997). [HEP entry](#)
- [560] **“QCD studies with e^+e^- annihilation data at 161-GeV”**
 K. Akerstaff *et al.* [OPAL Collaboration].
 10.1007/s002880050462
 Z. Phys. C **75**, 193 (1997). [HEP entry](#)
- [561] **“Measurements of the b quark forward - backward asymmetry around the Z^0 peak using jet charge and vertex charge”**
 K. Akerstaff *et al.* [OPAL Collaboration].
 10.1007/s002880050482
 Z. Phys. C **75**, 385 (1997). [HEP entry](#)
- [562] **“Study of $\phi(1020)$, D^{*+} and B^* spin alignment in hadronic Z^0 decays”**
 K. Akerstaff *et al.* [OPAL Collaboration].
 10.1007/s002880050406
 Z. Phys. C **74**, 437 (1997). [HEP entry](#)
- [563] **“Measurement of the triple gauge boson coupling $\alpha_{W\phi}$ from W^+W^- production in e^+e^- collisions at $\sqrt{s} = 161\text{ GeV}$ ”**
 K. Akerstaff *et al.* [OPAL Collaboration].
 10.1016/S0370-2693(97)00162-7
 Phys. Lett. B **397**, 147 (1997). [HEP entry](#)
- [564] **“Detector for the linear collider: Baseline design for the conceptual design report”**
 S. Aid, A. Andreazza, P. Bambade, G. Bardin, T. Barklow, W. Bartel, M. Battaglia and R. Bellazzini *et al.*. (Feb 1996) [HEP entry](#)

- [565] **“B* production in Z^0 decays”**
 K. Ackerstaff *et al.* [OPAL Collaboration].
 10.1007/s002880050404
 Z. Phys. C **74**, 413 (1997). [HEP entry](#)
- [566] **“Search for CP violation in $Z^0 \rightarrow \tau^+ \tau^-$ and an upper limit on the weak dipole moment of the tau lepton”**
 K. Ackerstaff *et al.* [OPAL Collaboration].
 10.1007/s002880050403
 Z. Phys. C **74**, 403 (1997). [HEP entry](#)
- [567] **“Search for charged scalar leptons using the OPAL detector at $\sqrt{s} = 161\text{-GeV}$ ”**
 K. Ackerstaff *et al.* [OPAL Collaboration].
 10.1016/S0370-2693(97)00073-7
 Phys. Lett. B **396**, 301 (1997). [HEP entry](#)
- [568] **“Measurement of the semileptonic branching fraction of inclusive b baryon decays to Lambda”**
 K. Ackerstaff *et al.* [OPAL Collaboration].
 10.1007/s002880050405
 Z. Phys. C **74**, 423 (1997). [HEP entry](#)
- [569] **“An Improved measurement of $R(b)$ using a double tagging method”**
 K. Ackerstaff *et al.* [OPAL Collaboration].
 10.1007/s002880050366
 Z. Phys. C **74**, 1 (1997). [HEP entry](#)
- [570] **“A Measurement of $\Gamma(\text{cb})$ using anti- $B^0 \rightarrow \tau^+ D^{*+}$ lepton- anti-lepton-neutrino decays”**
 K. Ackerstaff *et al.* [OPAL Collaboration].
 10.1016/S0370-2693(97)00056-7
 Phys. Lett. B **395**, 128 (1997). [HEP entry](#)
- [571] **“Search for the standard model Higgs boson in e^+e^- collisions at $\sqrt{s} = 161\text{-GeV}$ ”**
 K. Ackerstaff *et al.* [OPAL Collaboration].
 10.1016/S0370-2693(96)01645-0
 Phys. Lett. B **393**, 231 (1997). [HEP entry](#)
- [572] **“Production of fermion pair events in e^+e^- collisions at 161-GeV center-of-mass energy”**
 K. Ackerstaff *et al.* [OPAL Collaboration].
 10.1016/S0370-2693(97)81627-9
 Phys. Lett. B **391**, 221 (1997). [HEP entry](#)
- [573] **“Analysis of hadronic final states and the photon structure function $F_2(\gamma)$ in deep inelastic electron - photon scattering at LEP”**
 K. Ackerstaff *et al.* [OPAL Collaboration].
 10.1007/s002880050368
 Z. Phys. C **74**, 33 (1997). [HEP entry](#)
- [574] **“Photonic events with large missing energy in e^+e^- collisions at $\sqrt{s} = 161\text{ GeV}$ ”**
 K. Ackerstaff *et al.* [OPAL Collaboration].
 10.1016/S0370-2693(96)01554-7
 Phys. Lett. B **391**, 210 (1997). [HEP entry](#)
- [575] **“Measurement of the QED longitudinal structure function of the photon using azimuthal correlations at LEP”**
 K. Ackerstaff *et al.* [OPAL Collaboration].
 10.1007/s002880050369
 Z. Phys. C **74**, 49 (1997). [HEP entry](#)

- [576] **“Measurement of the mass of the W boson in e^+e^- collisions at $\sqrt{s} = 161$ GeV”**
 K. Ackerstaff *et al.* [OPAL Collaboration].
 10.1016/S0370-2693(96)01452-9
 Phys. Lett. B **389**, 416 (1996). [HEP entry](#)
- [577] **“Search for unstable neutral and charged heavy leptons in e^+e^- collisions at $\sqrt{s} = 161$ -GeV”**
 K. Ackerstaff *et al.* [OPAL Collaboration].
 10.1016/S0370-2693(96)01633-4
 Phys. Lett. B **393**, 217 (1997). [HEP entry](#)
- [578] **“Search for excited leptons in e^+e^- collisions at $\sqrt{s} = 161$ GeV”**
 K. Ackerstaff *et al.* [OPAL Collaboration].
 10.1016/S0370-2693(96)01553-5
 Phys. Lett. B **391**, 197 (1997). [HEP entry](#)
- [579] **“A Measurement of the average bottom hadron lifetime”**
 K. Ackerstaff *et al.* [OPAL Collaboration].
 10.1007/s002880050329
 Z. Phys. C **73**, 397 (1997). [HEP entry](#)
- [580] **“Search for scalar top and scalar bottom quarks using the OPAL detector at LEP”**
 K. Ackerstaff *et al.* [OPAL Collaboration].
 10.1016/S0370-2693(96)01395-0
 Phys. Lett. B **389**, 197 (1996). [HEP entry](#)
- [581] **“Search for chargino and neutralino production in e^+e^- collisions at $\sqrt{s} = 161$ -GeV”**
 K. Ackerstaff *et al.* [OPAL Collaboration].
 10.1016/S0370-2693(96)01451-7
 Phys. Lett. B **389**, 616 (1996). [HEP entry](#)
- [582] **“Inclusive jet production in photon-photon collisions at $\sqrt{s} = 130$ -GeV and 136 -GeV”**
 K. Ackerstaff *et al.* [OPAL Collaboration].
 10.1007/s002880050332
 Z. Phys. C **73**, 433 (1997). [HEP entry](#)
- [583] **“Search for neutral Higgs bosons in Z^0 decays using the OPAL detector at LEP”**
 G. Alexander *et al.* [OPAL Collaboration].
 10.1007/s002880050309
 Z. Phys. C **73**, 189 (1997). [HEP entry](#)
- [584] **“Measurement of the branching fraction of the radiative decay $\tau^- \rightarrow \mu^- \text{ anti-muon-neutrino } \tau\text{-neutrino } \gamma$ ”**
 G. Alexander *et al.* [OPAL Collaboration].
 10.1016/S0370-2693(96)01284-1
 Phys. Lett. B **388**, 437 (1996). [HEP entry](#)
- [585] **“Test of QCD analytic predictions for the multiplicity ratio between gluon and quark jets”**
 G. Alexander *et al.* [OPAL Collaboration].
 10.1016/S0370-2693(96)01319-6
 Phys. Lett. B **388**, 659 (1996). [HEP entry](#)
- [586] **“Test of the four fermion contact interaction in e^+e^- collisions at 130 -GeV - 140 -GeV”**
 G. Alexander *et al.* [OPAL Collaboration].
 10.1016/S0370-2693(96)01156-2
 Phys. Lett. B **387**, 432 (1996). [HEP entry](#)
- [587] **“A Measurement of the charm and bottom forward - backward asymmetries using D mesons at LEP”**
 G. Alexander *et al.* [OPAL Collaboration].

- 10.1007/s002880050328
Z. Phys. C **73**, 379 (1997). [HEP entry](#)
- [588] **“Strange baryon production in hadronic Z^0 decays”**
G. Alexander *et al.* [OPAL Collaboration].
10.1007/s002880050349
Z. Phys. C **73**, 569 (1997). [HEP entry](#)
- [589] **“Sigma+, Sigma0 and Sigma- hyperon production in hadronic Z^0 decays”**
G. Alexander *et al.* [OPAL Collaboration].
10.1007/s002880050350
Z. Phys. C **73**, 587 (1997). [HEP entry](#)
- [590] **“Searches for supersymmetric particles and anomalous four jet production at $\sqrt{s} = 130$ -
GeV and 136-GeV at LEP”**
G. Alexander *et al.* [OPAL Collaboration].
10.1007/s002880050310
Z. Phys. C **73**, 201 (1997). [HEP entry](#)
- [591] **“Search for excited leptons in e^+e^- collisions at $\sqrt{s} = 130, 136$ GeV”**
G. Alexander *et al.* [OPAL Collaboration].
10.1016/0370-2693(96)01078-7
Phys. Lett. B **386**, 463 (1996). [HEP entry](#)
- [592] **“Search for unstable neutral and charged heavy leptons in e^+e^- collisions at $\sqrt{s} = 130$ -
GeV and 136-GeV”**
G. Alexander *et al.* [OPAL Collaboration].
10.1016/0370-2693(96)00963-X
Phys. Lett. B **385**, 433 (1996). [HEP entry](#)
- [593] **“Multiplicity dependence of Bose-Einstein correlations in hadronic Z^0 decays”**
G. Alexander *et al.* [OPAL Collaboration].
10.1007/s002880050259
Z. Phys. C **72**, 389 (1996). [HEP entry](#)
- [594] **“A Precise measurement of the tau polarization and its forward - backward asymmetry
at LEP”**
G. Alexander *et al.* [OPAL Collaboration].
10.1007/s002880050257
Z. Phys. C **72**, 365 (1996). [HEP entry](#)
- [595] **“A Measurement of the B_d^0 oscillation frequency using leptons and D^{*+-} mesons”**
G. Alexander *et al.* [OPAL Collaboration].
10.1007/s002880050258
Z. Phys. C **72**, 377 (1996). [HEP entry](#)
- [596] **“A First measurement of the Lambda anti-Lambda and Lambda Lambda (anti-Lambda
anti-Lambda) spin compositions in hadronic Z^0 decays”**
G. Alexander *et al.* [OPAL Collaboration].
10.1016/0370-2693(96)00860-X
Phys. Lett. B **384**, 377 (1996). [HEP entry](#)
- [597] **“Prompt J / psi production in hadronic Z^0 decays”**
G. Alexander *et al.* [OPAL Collaboration].
10.1016/0370-2693(96)00656-9
Phys. Lett. B **384**, 343 (1996). [HEP entry](#)
- [598] **“A Study of charm hadron production in $Z^0 \rightarrow c$ anti-c and $Z^0 \rightarrow b$ anti-b decays at
LEP”**
G. Alexander *et al.* [OPAL Collaboration].
10.1007/s002880050218
Z. Phys. C **72**, 1 (1996). [HEP entry](#)

- [599] **“Measurements with photonic events in e^+e^- collisions at center-of-mass energies of 130 - 140 GeV”**
 G. Alexander *et al.* [OPAL Collaboration].
 10.1016/0370-2693(96)00488-1
 Phys. Lett. B **377**, 222 (1996). [HEP entry](#)
- [600] **“A Study of four fermion final states with high multiplicity at LEP”**
 G. Alexander *et al.* [OPAL Collaboration].
 Phys. Lett. B **376**, 315 (1996). [HEP entry](#)
- [601] **“QCD studies with e^+e^- annihilation data at 130-GeV and 136-GeV”**
 G. Alexander *et al.* [OPAL Collaboration].
 10.1007/s002880050237
 Z. Phys. C **72**, 191 (1996). [HEP entry](#)
- [602] **“Upper limit on the tau-neutrino mass from tau \rightarrow 3 h tau-neutrino decays”**
 G. Alexander *et al.* [OPAL Collaboration].
 10.1007/s002880050240
 Z. Phys. C **72**, 231 (1996). [HEP entry](#)
- [603] **“Measurement of cross-sections and asymmetries in e^+e^- collisions at 130-GeV - 140-GeV center-of-mass energy”**
 G. Alexander *et al.* [OPAL Collaboration].
 10.1016/0370-2693(96)00394-2
 Phys. Lett. B **376**, 232 (1996). [HEP entry](#)
- [604] **“Search for chargino and neutralino production using the OPAL detector at $\sqrt{s} = 130\text{-GeV} - 136\text{-GeV}$ at LEP”**
 G. Alexander *et al.* [OPAL Collaboration].
 10.1016/0370-2693(96)00301-2
 Phys. Lett. B **377**, 181 (1996). [HEP entry](#)
- [605] **“Topological search for the production of neutralinos and scalar particles”**
 G. Alexander *et al.* [OPAL Collaboration].
 10.1016/0370-2693(96)00502-3
 Phys. Lett. B **377**, 273 (1996). [HEP entry](#)
- [606] **“Improved measurement of the lifetime of the tau lepton”**
 G. Alexander *et al.* [OPAL Collaboration].
 10.1016/0370-2693(96)00255-9
 Phys. Lett. B **374**, 341 (1996). [HEP entry](#)
- [607] **“Determination of the mass of the W boson”**
 Z. Kunszt, W. J. Stirling, A. Ballestrero, S. Banerjee, A. Blondel, M. Campanelli, F. Cavallari and D. G. Charlton *et al.*.
 hep-ph/9602352
 In *Geneva 1995, Physics at LEP2, vol. 1* 141-205, and Preprint - Kunszt, Z. (95,rec.Feb.96) 65 p
[HEP entry](#)
- [608] **“Standard model processes”**
 F. Boudjema, B. Mele, E. Accomando, S. Ambrosanio, A. Ballestrero, D. Y. Bardin, G. Belanger and F. A. Berends *et al.*.
 hep-ph/9601224
 In *Geneva 1995, Physics at LEP2, vol. 1* 207-248, and Rome I U. - No.-1127 (95,rec.Jan.96) 43 p
[HEP entry](#)
- [609] **“Measurement of momentum and angular distribution of punchthrough muons at the RD5 experiment”**
 C. Albajar *et al.* [RD5 Collaboration].
 10.1016/S0168-9002(96)01014-5
 Nucl. Instrum. Meth. A **386**, 421 (1997). [HEP entry](#)

- [610] **“Observation of Upsilon production in hadronic Z^0 decays”**
 G. Alexander *et al.* [OPAL Collaboration].
 10.1016/0370-2693(96)00070-6
 Phys. Lett. B **370**, 185 (1996). [HEP entry](#)
- [611] **“Search for charged Higgs bosons using the OPAL detector at LEP”**
 G. Alexander *et al.* [OPAL Collaboration].
 10.1016/0370-2693(96)00029-9
 Phys. Lett. B **370**, 174 (1996). [HEP entry](#)
- [612] **“Search for a narrow resonance in Z^0 decays into hadrons and isolated photons”**
 G. Alexander *et al.* [OPAL Collaboration].
 10.1007/s002880050143
 Z. Phys. C **71**, 1 (1996). [HEP entry](#)
- [613] **“First results from the OPAL Collaboration at $\sqrt{s} = 130 - 140$ GeV (Presented at CERN Particle Physics Seminar, 12 Dec 1995)”**
 G. W. Wilson [OPAL Collaboration]. [HEP entry](#)
- [614] **“Measurement of the heavy quark forward - backward asymmetries and average B mixing using leptons in multi - hadronic events”**
 G. Alexander *et al.* [OPAL Collaboration].
 10.1007/s002880050114
 Z. Phys. C **70**, 357 (1996). [HEP entry](#)
- [615] **“Test of the exponential decay law at short decay times using τ leptons”**
 G. Alexander *et al.* [OPAL Collaboration].
 10.1016/0370-2693(95)01540-X
 Phys. Lett. B **368**, 244 (1996). [HEP entry](#)
- [616] **“ J/ψ and ψ' production in hadronic Z^0 decays”**
 G. Alexander *et al.* [OPAL Collaboration].
 10.1007/s002880050096
 Z. Phys. C **70**, 197 (1996). [HEP entry](#)
- [617] **“Measurement of the tau- \rightarrow z e- anti-electron-neutrino tau-neutrino branching ratio”**
 G. Alexander *et al.* [OPAL Collaboration].
 10.1016/0370-2693(95)01600-7
 Phys. Lett. B **369**, 163 (1996). [HEP entry](#)
- [618] **“A Study of b quark fragmentation into B^0 and B^+ mesons at LEP”**
 G. Alexander *et al.* [OPAL Collaboration].
 10.1016/0370-2693(95)01293-7
 Phys. Lett. B **364**, 93 (1995). [HEP entry](#)
- [619] **“A Comparison of b and (uds) quark jets to gluon jets”**
 G. Alexander *et al.* [OPAL Collaboration].
 10.1007/s002880050059
 Z. Phys. C **69**, 543 (1996). [HEP entry](#)
- [620] **“Delta++ production in hadronic Z^0 decays”**
 G. Alexander *et al.* [OPAL Collaboration].
 10.1016/0370-2693(95)00935-E
 Phys. Lett. B **358**, 162 (1995). [HEP entry](#)
- [621] **“Measurement of the average b baryon lifetime and the product branching ratio $f(b \rightarrow \Lambda b) \times \text{BR}(\Lambda b \rightarrow \Lambda \ell^- \text{ anti-neutrino } X)$ ”**
 R. Akers *et al.* [OPAL Collaboration].
 10.1007/s002880050020
 Z. Phys. C **69**, 195 (1996). [HEP entry](#)

- [622] **“Investigation of the string effect using final state photons”**
 R. Akers *et al.* [OPAL Collaboration].
 10.1007/BF01565254
 Z. Phys. C **68**, 531 (1995). [HEP entry](#)
- [623] **“A Model independent measurement of quark and gluon jet properties and differences”**
 R. Akers *et al.* [OPAL Collaboration].
 Z. Phys. C **68**, 179 (1995). [HEP entry](#)
- [624] **“Measurement of the multiplicity of charm quark pairs from gluons in hadronic Z^0 decays”**
 R. Akers *et al.* [OPAL Collaboration].
 10.1016/0370-2693(95)00633-V
 Phys. Lett. B **353**, 595 (1995). [HEP entry](#)
- [625] **“Measurement of the longitudinal, transverse and asymmetry fragmentation functions at LEP”**
 R. Akers *et al.* [OPAL Collaboration].
 10.1007/BF01566668
 Z. Phys. C **68**, 203 (1995). [HEP entry](#)
- [626] **“Measurement of hadronic shower punchthrough in magnetic field”**
 C. Albajar *et al.* [RD5 Collaboration].
 10.1007/s002880050042
 Z. Phys. C **69**, 415 (1996). [HEP entry](#)
- [627] **“Measurement of the tau- \rightarrow $h^- h^+ h^-$ tau-neutrino and tau- \rightarrow $h^- h^+ h^- \pi^0$ tau-neutrino branching ratios”**
 R. Akers *et al.* [OPAL Collaboration].
 10.1007/BF01565256
 Z. Phys. C **68**, 555 (1995). [HEP entry](#)
- [628] **“A Study of QCD structure constants and a measurement of $\alpha_s(M(Z^0))$ at LEP using event shape observables”**
 R. Akers *et al.* [OPAL Collaboration].
 10.1007/BF01565253
 Z. Phys. C **68**, 519 (1995). [HEP entry](#)
- [629] **“A Measurement of the $\Lambda(b)0$ lifetime”**
 R. Akers *et al.* [OPAL Collaboration].
 10.1016/0370-2693(95)00553-W
 Phys. Lett. B **353**, 402 (1995). [HEP entry](#)
- [630] **“A Measurement of the forward - backward asymmetry of $e^+ e^- \rightarrow b \text{ anti-}b$ by applying a jet charge algorithm to lifetime tagged events”**
 R. Akers *et al.* [OPAL Collaboration].
 10.1007/BF01624580
 Z. Phys. C **67**, 365 (1995). [HEP entry](#)
- [631] **“A search for lepton flavor violating Z^0 decays”**
 R. Akers *et al.* [OPAL Collaboration].
 10.1007/BF01553981
 Z. Phys. C **67**, 555 (1995). [HEP entry](#)
- [632] **“Inclusive strange vector and tensor meson production in hadronic Z^0 decays”**
 R. Akers *et al.* [OPAL Collaboration].
 10.1007/BF01579799
 Z. Phys. C **68**, 1 (1995). [HEP entry](#)
- [633] **“A measurement of charged particle multiplicity in $Z^0 \rightarrow c\bar{c}$ and $Z^0 \rightarrow b\bar{b}$ events”**
 R. Akers *et al.* [OPAL Collaboration].
 10.1016/0370-2693(95)00510-R
 Phys. Lett. B **352**, 176 (1995). [HEP entry](#)

- [634] **“Search for heavy charged particles and for particles with anomalous charge in e^+e^- collisions at LEP”**
 R. Akers *et al.* [OPAL Collaboration].
 10.1007/BF01571281
 Z. Phys. C **67**, 203 (1995). [HEP entry](#)
- [635] **“The production of neutral kaons in Z^0 decays and their Bose-Einstein correlations”**
 R. Akers *et al.* [OPAL Collaboration].
 10.1007/BF01624582
 Z. Phys. C **67**, 389 (1995). [HEP entry](#)
- [636] **“Measurement of the hadronic decay current in $\tau^- \rightarrow \pi^- \pi^- \pi^+ \nu_\tau$ ”**
 R. Akers *et al.* [OPAL Collaboration].
 10.1007/BF01564820
 Z. Phys. C **67**, 45 (1995). [HEP entry](#)
- [637] **“An improved measurement of the B_s^0 lifetime”**
 R. Akers *et al.* [OPAL Collaboration].
 10.1016/0370-2693(95)00363-P
 Phys. Lett. B **350**, 273 (1995). [HEP entry](#)
- [638] **“Improved measurements of the B^0 and B^+ meson lifetimes”**
 R. Akers *et al.* [OPAL Collaboration].
 10.1007/BF01624581
 Z. Phys. C **67**, 379 (1995). [HEP entry](#)
- [639] **“Comparisons of the properties of final state photons in hadronic Z^0 decays with predictions from matrix element calculations”**
 R. Akers *et al.* [OPAL Collaboration].
 10.1007/BF01564818
 Z. Phys. C **67**, 15 (1995). [HEP entry](#)
- [640] **“A study of B meson oscillations using dilepton events”**
 R. Akers *et al.* [OPAL Collaboration].
 10.1007/BF01579630
 Z. Phys. C **66**, 555 (1995). [HEP entry](#)
- [641] **“Measurement of the leptonic branching ratios of the tau lepton”**
 R. Akers *et al.* [OPAL Collaboration].
 10.1007/BF01579629
 Z. Phys. C **66**, 543 (1995). [HEP entry](#)
- [642] **“A study of charm meson production in semileptonic B decays”**
 R. Akers *et al.* [OPAL Collaboration].
 10.1007/BF01564821
 Z. Phys. C **67**, 57 (1995). [HEP entry](#)
- [643] **“A measurement of the production of $D^{*\pm}$ mesons on the Z^0 resonance”**
 R. Akers *et al.* [OPAL Collaboration].
 10.1007/BF01564819
 Z. Phys. C **67**, 27 (1995). [HEP entry](#)
- [644] **“Observations of π - B charge-flavor correlations and resonant $B\pi$ and BK production”**
 R. Akers *et al.* [OPAL Collaboration].
 10.1007/BF01496577
 Z. Phys. C **66**, 19 (1995). [HEP entry](#)
- [645] **“A test of CP invariance in $Z^0 \rightarrow \tau^+ \tau^-$ using optimal observables”**
 R. Akers *et al.* [OPAL Collaboration].
 10.1007/BF01496578
 Z. Phys. C **66**, 31 (1995). [HEP entry](#)

- [646] **“Determination of event shape distributions and $\alpha_S(b)$ from $Z^0 \rightarrow b\bar{b}$ events at LEP”**
 R. Akers *et al.* [OPAL Collaboration].
 10.1007/BF01571302
 Z. Phys. C **65**, 31 (1995). [HEP entry](#)
- [647] **“A measurement of the QCD color factor ratios C_A/C_F and T_F/C_F from angular correlations in four jet events”**
 R. Akers *et al.* [OPAL Collaboration].
 10.1007/BF01556127
 Z. Phys. C **65**, 367 (1995). [HEP entry](#)
- [648] **“Updated measurement of the tau lifetime”**
 R. Akers *et al.* [OPAL Collaboration].
 10.1016/0370-2693(94)90805-2
 Phys. Lett. B **338**, 497 (1994). [HEP entry](#)
- [649] **“Measurement of the tau lepton polarization and its forward-backward asymmetry from Z^0 decays”**
 R. Akers *et al.* [OPAL Collaboration].
 10.1007/BF01571300
 Z. Phys. C **65**, 1 (1995). [HEP entry](#)
- [650] **“Search for rare hadronic B decays”**
 R. Akers *et al.* [OPAL Collaboration].
 10.1016/0370-2693(94)90993-8
 Phys. Lett. B **337**, 393 (1994). [HEP entry](#)
- [651] **“Measurement of single photon production in e^+e^- collisions near the Z^0 resonance”**
 R. Akers *et al.* [OPAL Collaboration].
 10.1007/BF01571303
 Z. Phys. C **65**, 47 (1995) [HEP entry](#)
- [652] **“Search for Neutral Higgs Bosons in the Minimal Supersymmetric Extension of the Standard Model”**
 R. Akers *et al.* [OPAL Collaboration].
 10.1007/BF01557229
 Z. Phys. C **64**, 1 (1994). [HEP entry](#)
- [653] **“Measurements of the inclusive branching ratios of tau leptons to $K0(s)$ and charged K^* (892)”**
 R. Akers *et al.* [OPAL Collaboration].
 10.1016/0370-2693(94)90645-9
 Phys. Lett. B **339**, 278 (1994). [HEP entry](#)
- [654] **“Determination of an upper limit for the mass of the tau-neutrino at LEP”**
 R. Akers *et al.* [OPAL Collaboration].
 10.1007/BF01571874
 Z. Phys. C **65**, 183 (1995). [HEP entry](#)
- [655] **“Measurement of Gamma ($Z^0 \rightarrow b \text{ anti-}b$) / Gamma ($Z^0 \rightarrow \text{hadrons}$) using a double tagging method”**
 R. Akers *et al.* [OPAL Collaboration].
 10.1007/BF01571301
 Z. Phys. C **65**, 17 (1995). [HEP entry](#)
- [656] **“Measurement of the time dependence of $B(d)0 \rightarrow \text{anti-}B(d)0$ mixing using leptons and D^{*+} mesons”**
 R. Akers *et al.* [OPAL Collaboration].
 10.1016/0370-2693(94)90577-0
 Phys. Lett. B **336**, 585 (1994). [HEP entry](#)

- [657] **“Search for a scalar top quark using the OPAL detector”**
 R. Akers *et al.* [OPAL Collaboration].
 10.1016/0370-2693(94)91470-2
 Phys. Lett. B **337**, 207 (1994). [HEP entry](#)
- [658] **“Observation of exclusive decays of B mesons at LEP”**
 R. Akers *et al.* [OPAL Collaboration].
 10.1016/0370-2693(94)91469-9
 Phys. Lett. B **337**, 196 (1994). [HEP entry](#)
- [659] **“QCD studies using a cone based jet finding algorithm for e^+e^- collisions at LEP”**
 R. Akers *et al.* [OPAL Collaboration].
 10.1007/BF01411011
 Z. Phys. C **63**, 197 (1994). [HEP entry](#)
- [660] **“Search for the minimal Standard Model Higgs boson”**
 R. Akers *et al.* [OPAL Collaboration].
 10.1016/0370-2693(94)90746-3
 Phys. Lett. B **327**, 397 (1994). [HEP entry](#)
- [661] **“A Study of mean subjet multiplicities in two and three jet hadronic Z^0 decays”**
 R. Akers *et al.* [OPAL Collaboration].
 10.1007/BF01580318
 Z. Phys. C **63**, 363 (1994). [HEP entry](#)
- [662] **“Measurement of the production rates of charged hadrons in e^+e^- annihilation at the Z^0 ”**
 R. Akers *et al.* [OPAL Collaboration].
 10.1007/BF01411010
 Z. Phys. C **63**, 181 (1994). [HEP entry](#)
- [663] **“Measurement of the time dependence of $B(d)0 \rightarrow \bar{\ell} \ell$ anti- $B(d)0$ mixing using a jet charge technique”**
 R. Akers *et al.* [OPAL Collaboration].
 10.1016/0370-2693(94)90747-1
 Phys. Lett. B **327**, 411 (1994). [HEP entry](#)
- [664] **“Measurement of the tau- $\rightarrow \ell h^- \pi^0$ tau-neutrino and tau- $\rightarrow \ell h^- \ell^+ \pi^0$ tau-neutrino branching ratios”**
 R. Akers *et al.* [OPAL Collaboration].
 10.1016/0370-2693(94)90452-9
 Phys. Lett. B **328**, 207 (1994). [HEP entry](#)
- [665] **“Status report of the RD5 experiment”**
 H. Faissner, T. Moers, R. Priem, B. Razen, D. Rein, H. Reithler, H. Schwarthoff and H. Tuchscherer *et al.*. (Jan 1994) [HEP entry](#)
- [666] **“High mass photon pairs at LEP”**
 G. W. Wilson.
 In *Marseille 1993, High energy physics* 285-287 [HEP entry](#)
- [667] **“Some aspects of anomalous soft photon production in $\pi^- p$ interactions at 280-GeV”**
 S. Banerjee *et al.* [SOPHIE/WA83 Collaboration].
 In *Cracow 1993, Soft physics and fluctuations* 63-74 [HEP entry](#)
- [668] **“Photoproduction and hadroproduction of ϕ (1020), K^*0 (892) and anti- K^*0 (892) mesons in the energy range 65-GeV to 175-GeV”**
 R. J. Apsimon *et al.* [Omega Photon Collaboration].
 10.1007/BF01413177
 Z. Phys. C **61**, 383 (1994). [HEP entry](#)

- [669] **“Multiplicity and transverse momentum correlations in multi - hadronic final states in e^+e^- interactions at $\sqrt{s} = 91.2\text{-GeV}$ ”**
 R. Akers *et al.* [OPAL Collaboration].
 10.1016/0370-2693(94)90680-7
 Phys. Lett. B **320**, 417 (1994). [HEP entry](#)
- [670] **“Studies of charged particle multiplicity in b quark events”**
 R. Akers *et al.* [OPAL Collaboration].
 10.1007/BF01413098
 Z. Phys. C **61**, 209 (1994). [HEP entry](#)
- [671] **“Measurement of the photon structure function F2 (γ) in the reaction $e^+e^- \rightarrow \gamma e^+e^- + \text{hadrons}$ at LEP”**
 R. Akers *et al.* [OPAL Collaboration].
 10.1007/BF01413097
 Z. Phys. C **61**, 199 (1994). [HEP entry](#)
- [672] **“Measurement of Gamma ($Z^0 \rightarrow \gamma b \text{ anti-b}$) / Gamma ($Z^0 \rightarrow \gamma \text{ hadrons}$) using impact parameters and leptons”**
 R. Akers *et al.* [OPAL Collaboration].
 10.1007/BF01413175
 Z. Phys. C **61**, 357 (1994). [HEP entry](#)
- [673] **“A Measurement of the forward - backward asymmetry of $e^+e^- \rightarrow \gamma c \text{ anti-c}$ and $e^+e^- \rightarrow \gamma b \text{ anti-b}$ at center-of-mass energies on and near the Z^0 peak using D^{*+} mesons”**
 R. Akers *et al.* [OPAL Collaboration].
 10.1007/BF01558389
 Z. Phys. C **60**, 601 (1993). [HEP entry](#)
- [674] **“A Study of muon pair production and evidence for tau pair production in photon-photon collisions at LEP”**
 R. Akers *et al.* [OPAL Collaboration].
 10.1007/BF01558388
 Z. Phys. C **60**, 593 (1993). [HEP entry](#)
- [675] **“A Measurement of the average lifetime of b flavored baryons”**
 R. Akers *et al.* [OPAL Collaboration].
 10.1016/0370-2693(93)90349-M
 Phys. Lett. B **316**, 435 (1993). [HEP entry](#)
- [676] **“A test of the flavor independence of the strong interaction for five flavors”**
 R. Akers *et al.* [OPAL Collaboration].
 10.1007/BF01560038
 Z. Phys. C **60**, 397 (1993). [HEP entry](#)
- [677] **“Improved measurements of the neutral current from hadron and lepton production at LEP”**
 R. Akers *et al.* [OPAL Collaboration].
 10.1007/BF01641883
 Z. Phys. C **61**, 19 (1994). [HEP entry](#)
- [678] **“Measurement of the $B^0 - \bar{B}^0$ mixing, Gamma ($Z^0 \rightarrow b\bar{b}$) / Gamma ($Z^0 \rightarrow \text{hadrons}$) and semileptonic branching ratios for b flavored hadrons in hadronic Z^0 decays”**
 R. Akers *et al.* [OPAL Collaboration].
 10.1007/BF01474616
 Z. Phys. C **60**, 199 (1993). [HEP entry](#)
- [679] **“Measurement of the B(s)0 lifetime”**
 P. D. Acton *et al.* [OPAL Collaboration].
 10.1016/0370-2693(93)90989-U
 Phys. Lett. B **312**, 501 (1993). [HEP entry](#)

- [680] **“Measurement of the average b hadron lifetime in Z^0 decays”**
P. D. Acton *et al.* [OPAL Collaboration].
10.1007/BF01474617
Z. Phys. C **60**, 217 (1993). [HEP entry](#)
- [681] **“Search for massive, unstable photinos that violate R-parity”**
P. D. Acton *et al.* [OPAL Collaboration].
10.1016/0370-2693(93)91230-K
Phys. Lett. B **313**, 333 (1993). [HEP entry](#)
- [682] **“A Measurement of Gamma ($Z^0 \rightarrow j$ b anti-b) / Gamma ($Z^0 \rightarrow j$ hadrons) using an impact parameter technique”**
P. D. Acton *et al.* [OPAL Collaboration].
10.1007/BF01558387
Z. Phys. C **60**, 579 (1993). [HEP entry](#)
- [683] **“The Forward - backward asymmetry of $e^+ e^- \rightarrow j$ b anti-b and $e^+ e^- \rightarrow j$ c anti-c using leptons in hadronic Z^0 decays”**
P. D. Acton *et al.* [OPAL Collaboration].
10.1007/BF01650428
Z. Phys. C **60**, 19 (1993). [HEP entry](#)
- [684] **“Search for anomalous production of high mass photon pairs in e^+e^- collisions at LEP”**
P. D. Acton *et al.* [OPAL Collaboration].
10.1016/0370-2693(93)90586-7
Phys. Lett. B **311**, 391 (1993). [HEP entry](#)
- [685] **“The pretrigger system of the OPAL experiment at LEP”**
M. Arignon, K. W. Bell, P. Berlich, P. Farthouat, P. Gallno, J. D. Gillies, R. Goppert and J. C. Hill *et al.*
10.1016/0168-9002(93)91175-M
Nucl. Instrum. Meth. A **333**, 330 (1993). [HEP entry](#)
- [686] **“A determination of $\alpha_S(M_Z)$ at LEP using resummed QCD calculations”**
P. D. Acton *et al.* [OPAL Collaboration].
10.1007/BF01555834
Z. Phys. C **59**, 1 (1993). [HEP entry](#)
- [687] **“Measurement of $\Gamma(Z^0 \rightarrow b\bar{b})/\Gamma(Z^0 \rightarrow \text{hadrons})$ using leptons”**
P. D. Acton *et al.* [OPAL Collaboration].
10.1007/BF01553012
Z. Phys. C **58**, 523 (1993). [HEP entry](#)
- [688] **“Measurement of the tau lifetime”**
P. D. Acton *et al.* [OPAL Collaboration].
10.1007/BF01566683
Z. Phys. C **59**, 183 (1993). [HEP entry](#)
- [689] **“Measurement of the B^0 and B^+ lifetimes”**
P. D. Acton *et al.* [OPAL Collaboration].
10.1016/0370-2693(93)90215-4
Phys. Lett. B **307**, 247 (1993). [HEP entry](#)
- [690] **“Evidence for chain-like production of strange baryon pairs in jets”**
P. D. Acton *et al.* [OPAL Collaboration].
10.1016/0370-2693(93)91076-Y
Phys. Lett. B **305**, 415 (1993). [HEP entry](#)
- [691] **“A study of differences between quark and gluon jets using vertex tagging of quark jets”**
P. D. Acton *et al.* [OPAL Collaboration].
10.1007/BF01557696
Z. Phys. C **58**, 387 (1993). [HEP entry](#)

- [692] **“Precision measurements of the neutral current from hadron and lepton production at LEP”**
P. D. Acton *et al.* [OPAL Collaboration].
10.1007/BF01560340
Z. Phys. C **58**, 219 (1993). [HEP entry](#)
- [693] **“Observation of direct soft photon production in $\pi^- p$ interactions at 280 GeV/c”**
S. Banerjee *et al.* [WA83/SOPHIE Collaboration].
In *Stara Lesna 1992, Hadron structure '92* 1-9 [HEP entry](#)
- [694] **“Observation of direct soft photon production in $\pi^- p$ interactions at 280 GeV/c”**
S. Banerjee *et al.* [SOPHIE/WA83 Collaboration].
10.1016/0370-2693(93)91126-8
Phys. Lett. B **305**, 182 (1993). [HEP entry](#)
- [695] **“Studies of strong and electroweak interactions using final state photon emission in hadronic Z^0 decays”**
P. D. Acton *et al.* [OPAL Collaboration].
10.1007/BF01557697
Z. Phys. C **58**, 405 (1993). [HEP entry](#)
- [696] **“QCD coherence studies using two particle azimuthal correlations”**
P. D. Acton *et al.* [OPAL Collaboration].
10.1007/BF01560339
Z. Phys. C **58**, 207 (1993). [HEP entry](#)
- [697] **“A study of the electric charge distributions of quark and gluon jets in hadronic Z^0 decays”**
P. D. Acton *et al.* [OPAL Collaboration].
10.1016/0370-2693(93)90437-M
Phys. Lett. B **302**, 523 (1993). [HEP entry](#)
- [698] **“A measurement of $K^{*\pm}(892)$ production in hadronic Z^0 decays”**
P. D. Acton *et al.* [OPAL Collaboration].
10.1016/0370-2693(93)91075-X
Phys. Lett. B **305**, 407 (1993). [HEP entry](#)
- [699] **“CMS: The Compact Muon Solenoid: Letter of intent for a general purpose detector at the LHC”**
M. Della Negra *et al.* [CMS Collaboration]. (Oct 1992) [HEP entry](#)
- [700] **“A study of $K_S^0 K_S^0$ Bose-Einstein correlations in hadronic Z^0 decays”**
P. D. Acton *et al.* [OPAL Collaboration].
10.1016/0370-2693(93)91851-D
Phys. Lett. B **298**, 456 (1993). [HEP entry](#)
- [701] **“Production of $f_2(1270)$ and $f_0(975)$ mesons by photons and hadrons of energy 65-GeV - 175-GeV”**
R. J. Apsimon *et al.* [Omega Photon Collaboration].
10.1007/BF01555513
Z. Phys. C **56**, 185 (1992). [HEP entry](#)
- [702] **“Inclusive production of η mesons in πp , Kp and γp collisions at energies around 100-GeV.”**
R. J. Apsimon *et al.* [Omega Photon Collaboration].
10.1007/BF01566647
Z. Phys. C **54**, 185 (1992). [HEP entry](#)
- [703] **“Evidence for the existence of the strange b flavored meson B_s^0 in Z^0 decays”**
P. D. Acton *et al.* [OPAL Collaboration].
10.1016/0370-2693(92)91578-W
Phys. Lett. B **295**, 357 (1992). [HEP entry](#)

- [704] **“A search for doubly charged Higgs production in Z^0 decays”**
P. D. Acton *et al.* [OPAL Collaboration].
10.1016/0370-2693(92)91577-V
Phys. Lett. B **295**, 347 (1992). [HEP entry](#)
- [705] **“A measurement of the forward-backward charge asymmetry in hadronic decays of the Z^0 ”**
P. D. Acton *et al.* [OPAL Collaboration].
10.1016/0370-2693(92)91546-L
Phys. Lett. B **294**, 436 (1992). [HEP entry](#)
- [706] **“Inclusive neutral vector meson production in hadronic Z^0 decays”**
P. D. Acton *et al.* [OPAL Collaboration].
10.1007/BF01474724
Z. Phys. C **56**, 521 (1992). [HEP entry](#)
- [707] **“A measurement of strange baryon production in hadronic Z^0 decays”**
P. D. Acton *et al.* [OPAL Collaboration].
10.1016/0370-2693(92)91411-2
Phys. Lett. B **291**, 503 (1992). [HEP entry](#)
- [708] **“A study of two particle momentum correlations in hadronic Z^0 decays”**
P. D. Acton *et al.* [OPAL Collaboration].
10.1016/0370-2693(92)91002-Q
Phys. Lett. B **287**, 401 (1992). [HEP entry](#)
- [709] **“Measurement of the tau topological branching ratios at LEP”**
P. D. Acton *et al.* [OPAL Collaboration].
10.1016/0370-2693(92)91117-R
Phys. Lett. B **288**, 373 (1992). [HEP entry](#)
- [710] **“A test of higher order electroweak theory in Z^0 decays to two leptons with an associated pair of charged particles”**
P. D. Acton *et al.* [OPAL Collaboration].
10.1016/0370-2693(92)91001-P
Phys. Lett. B **287**, 389 (1992). [HEP entry](#)
- [711] **“A measurement of electron production in hadronic Z^0 decays and a determination of $\Gamma(Z^0 \rightarrow b\bar{b})$ ”**
P. D. Acton *et al.* [OPAL Collaboration].
10.1007/BF01482582
Z. Phys. C **55**, 191 (1992). [HEP entry](#)
- [712] **“Evidence for b flavored baryon production in Z^0 decays at LEP”**
P. D. Acton *et al.* [OPAL Collaboration].
10.1016/0370-2693(92)91160-B
Phys. Lett. B **281**, 394 (1992). [HEP entry](#)
- [713] **“A global determination of $\alpha_S(M_Z)$ at LEP”**
P. D. Acton *et al.* [OPAL Collaboration].
10.1007/BF01558285
Z. Phys. C **55**, 1 (1992). [HEP entry](#)
- [714] **“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”**
P. D. Acton *et al.* [OPAL Collaboration].
10.1016/0370-2693(92)91161-2
Phys. Lett. B **281**, 405 (1992). [HEP entry](#)
- [715] **“Inclusive production of π^0 mesons in πp , Kp and γp collisions at energies around 100 GeV.”**

- R. J. Apsimon *et al.* [Omega Photon Collaboration].
10.1007/BF01559433
Z. Phys. C **52**, 397 (1991). [HEP entry](#)
- [716] **“The detector simulation program for the OPAL experiment at LEP”**
J. Allison *et al.* [OPAL Collaboration].
10.1016/0168-9002(92)90593-S
Nucl. Instrum. Meth. A **317**, 47 (1992). [HEP entry](#)
- [717] **“Electroweak parameters of the Z^0 resonance and the Standard Model: the LEP Collaborations”**
G. Alexander *et al.* [LEP and ALEPH and DELPHI and L3 and OPAL Collaborations].
10.1016/0370-2693(92)90572-L
Phys. Lett. B **276**, 247 (1992). [HEP entry](#)
- [718] **“Search for free gluons in hadronic Z^0 decays”**
P. D. Acton *et al.* [OPAL Collaboration].
10.1016/0370-2693(92)90590-Z
Phys. Lett. B **278**, 485 (1992). [HEP entry](#)
- [719] **“Properties of multi-hadronic events with a final state photon at $\sqrt{s} = M_Z$ ”**
P. D. Acton *et al.* [OPAL Collaboration].
10.1007/BF01566648
Z. Phys. C **54**, 193 (1992). [HEP entry](#)
- [720] **“An improved measurement of $\alpha_S(M_Z)$ using energy correlations with the OPAL detector at LEP”**
P. D. Acton *et al.* [OPAL Collaboration].
10.1016/0370-2693(92)91681-X
Phys. Lett. B **276**, 547 (1992). [HEP entry](#)
- [721] **“Measurement of B^0 - anti- B^0 mixing in hadronic Z^0 decays”**
P. D. Acton *et al.* [OPAL Collaboration].
10.1016/0370-2693(92)90335-2
Phys. Lett. B **276**, 379 (1992). [HEP entry](#)
- [722] **“Comparison of photon and hadron induced production of ρ^0 mesons in the energy range of 65-GeV to 175-GeV”**
R. J. Apsimon *et al.* [OMEGA Photon Collaboration].
10.1007/BF01559734
Z. Phys. C **53**, 581 (1992). [HEP entry](#)
- [723] **“Measurement of the average B hadron lifetime in Z^0 decays”**
P. D. Acton *et al.* [OPAL Collaboration].
10.1016/0370-2693(92)92025-C
Phys. Lett. B **274**, 513 (1992). [HEP entry](#)
- [724] **“A study of charged particle multiplicities in hadronic decays of the Z^0 ”**
P. D. Acton *et al.* [OPAL Collaboration].
10.1007/BF01559731
Z. Phys. C **53**, 539 (1992). [HEP entry](#)
- [725] **“A measurement of photon radiation in lepton pair events from Z^0 decays”**
P. D. Acton *et al.* [OPAL Collaboration].
10.1016/0370-2693(91)91694-Q
Phys. Lett. B **273**, 338 (1991). [HEP entry](#)
- [726] **“Measurement of the tau lepton lifetime”**
P. D. Acton *et al.* [OPAL Collaboration].
10.1016/0370-2693(91)91695-R
Phys. Lett. B **273**, 355 (1991). [HEP entry](#)

- [727] **“Decay mode independent search for a light Higgs boson and new scalars”**
P. D. Acton *et al.* [OPAL Collaboration].
10.1016/0370-2693(91)90934-I
Phys. Lett. B **268**, 122 (1991). [HEP entry](#)
- [728] **“A study of Bose-Einstein correlations in e^+e^- annihilations at LEP”**
P. D. Acton *et al.* [OPAL Collaboration].
10.1016/0370-2693(91)90540-7
Phys. Lett. B **267**, 143 (1991). [HEP entry](#)
- [729] **“Observation of J/ψ production in multi-hadronic Z^0 decays”**
G. Alexander *et al.* [OPAL Collaboration].
10.1016/0370-2693(91)91074-6
Phys. Lett. B **266**, 485 (1991). [HEP entry](#)
- [730] **“Measurement of branching ratios and tau polarization from tau $\rightarrow \ell$ e neutrino anti-neutrino, tau $\rightarrow \ell$ mu neutrino anti-neutrino, and tau $\rightarrow \ell$ pi (K) neutrino decays at LEP”**
G. Alexander *et al.* [OPAL Collaboration].
10.1016/0370-2693(91)90768-L
Phys. Lett. B **266**, 201 (1991). [HEP entry](#)
- [731] **“Measurement of three jet distributions sensitive to the gluon spin in e^+e^- annihilations at $\sqrt{s} = 91$ GeV”**
G. Alexander *et al.* [OPAL Collaboration].
Z. Phys. C **52**, 543 (1991). [HEP entry](#)
- [732] **“A direct observation of quark-gluon jet differences at LEP”**
G. Alexander *et al.* [OPAL Collaboration].
10.1016/0370-2693(91)90082-2
Phys. Lett. B **265**, 462 (1991). [HEP entry](#)
- [733] **“A measurement of the electroweak couplings of up and down type quarks using final state photons in hadronic Z^0 decays”**
G. Alexander *et al.* [OPAL Collaboration].
10.1016/0370-2693(91)90731-5
Phys. Lett. B **264**, 219 (1991). [HEP entry](#)
- [734] **“A study of K_S^0 production in Z^0 decays”**
G. Alexander *et al.* [OPAL Collaboration].
10.1016/0370-2693(91)90379-5
Phys. Lett. B **264**, 467 (1991). [HEP entry](#)
- [735] **“Measurement of the Z^0 line shape parameters and the electroweak couplings of charged leptons”**
G. Alexander *et al.* [OPAL Collaboration].
Z. Phys. C **52**, 175 (1991). [HEP entry](#)
- [736] **“A search for scalar leptoquarks in Z^0 decays”**
G. Alexander *et al.* [OPAL Collaboration].
10.1016/0370-2693(91)91717-A
Phys. Lett. B **263**, 123 (1991). [HEP entry](#)
- [737] **“A study of $D^{*\pm}$ production in Z^0 decays”**
G. Alexander *et al.* [OPAL Collaboration].
10.1016/0370-2693(91)91577-I
Phys. Lett. B **262**, 341 (1991). [HEP entry](#)
- [738] **“Intermittency in hadronic decays of the Z^0 ”**
M. Z. Akrawy *et al.* [OPAL Collaboration].
10.1016/0370-2693(91)91578-J
Phys. Lett. B **262**, 351 (1991). [HEP entry](#)

- [739] **“A study of heavy flavor production using muons in hadronic Z^0 decays”**
M. Z. Akrawy *et al.* [OPAL Collaboration].
10.1016/0370-2693(91)90606-Q
Phys. Lett. B **263**, 311 (1991). [HEP entry](#)
- [740] **“The trigger system of the OPAL experiment at LEP”**
M. Arignon *et al.* [OPAL Collaboration].
10.1016/0168-9002(92)90087-K
Nucl. Instrum. Meth. A **313**, 103 (1992). [HEP entry](#)
- [741] **“A model independent observation of the string effect using quark tagging at LEP”**
M. Z. Akrawy *et al.* [OPAL Collaboration].
10.1016/0370-2693(91)90337-P
Phys. Lett. B **261**, 334 (1991). [HEP entry](#)
- [742] **“Forward charge asymmetry in low p_T photoproduction of hadrons”**
R. J. Apsimon, M. Atkinson, M. Baake, L. S. Bagdasaryan, D. Barberis, T. J. Brodbeck, N. Brook and T. Charity *et al.*.
10.1007/BF01565861
Z. Phys. C **47**, 397 (1990). [HEP entry](#)
- [743] **“Measurement of the cross-sections of the reactions $e^+e^- \rightarrow \gamma\gamma$ and $e^+e^- \rightarrow \gamma\gamma\gamma$ at LEP”**
M. Z. Akrawy *et al.* [OPAL Collaboration].
10.1016/0370-2693(91)91932-L
Phys. Lett. B **257**, 531 (1991). [HEP entry](#)
- [744] **“A direct measurement of the Z^0 invisible width by single photon counting”**
M. Z. Akrawy *et al.* [OPAL Collaboration].
10.1007/BF01551449
Z. Phys. C **50**, 373 (1991). [HEP entry](#)
- [745] **“Search for the minimal standard model Higgs boson in e^+e^- collisions at LEP”**
M. Z. Akrawy *et al.* [OPAL Collaboration].
10.1016/0370-2693(91)91761-J
Phys. Lett. B **253**, 511 (1991). [HEP entry](#)
- [746] **“A search for lepton flavor violation in Z^0 decays”**
M. Z. Akrawy *et al.* [OPAL Collaboration].
10.1016/0370-2693(91)90437-U
Phys. Lett. B **254**, 293 (1991). [HEP entry](#)
- [747] **“A study of the recombination scheme dependence of jet production rates and of $\alpha_S(M_Z)$ in hadronic Z^0 decays”**
M. Z. Akrawy *et al.* [OPAL Collaboration].
10.1007/BF01549689
Z. Phys. C **49**, 375 (1991). [HEP entry](#)
- [748] **“Search for pair produced stable singly charged heavy particles in Z^0 decays”**
M. Z. Akrawy *et al.* [OPAL Collaboration].
10.1016/0370-2693(90)90875-7
Phys. Lett. B **252**, 290 (1990). [HEP entry](#)
- [749] **“Separation of minimum and higher twist in photoproduction”**
R. J. Apsimon *et al.* [OMEGA Photon Collaboration].
10.1007/BF01474072
Z. Phys. C **50**, 179 (1991). [HEP entry](#)
- [750] **“A measurement of energy correlations and a determination of $\alpha_S(M_Z)$ in e^+e^- annihilations at $\sqrt{s} = 91$ GeV”**
M. Z. Akrawy *et al.* [OPAL Collaboration].
10.1016/0370-2693(90)91098-V
Phys. Lett. B **252**, 159 (1990). [HEP entry](#)

- [751] **“Limits on a light Higgs boson in e^+e^- collisions at LEP”**
M. Z. Akrawy *et al.* [OPAL Collaboration].
10.1016/0370-2693(90)90255-5
Phys. Lett. B **251**, 211 (1990). [HEP entry](#)
- [752] **“The OPAL detector at LEP”**
K. Ahmet *et al.* [OPAL Collaboration].
10.1016/0168-9002(91)90547-4
Nucl. Instrum. Meth. A **305**, 275 (1991). [HEP entry](#)
- [753] **“Preliminary results on direct soft photon production in π^-p interactions at 280-GeV/c”**
S. Abatzis *et al.* [WA83/SOPHIE Collaboration].
10.1016/0375-9474(91)90370-L
Nucl. Phys. A **525**, 487 (1991). [HEP entry](#)
- [754] **“Searches for neutral Higgs bosons in e^+e^- collisions at LEP”**
M. Z. Akrawy *et al.* [OPAL Collaboration].
10.1007/BF01570792
Z. Phys. C **49**, 1 (1991). [HEP entry](#)
- [755] **“A study of coherence of soft gluons in hadron jets”**
M. Z. Akrawy *et al.* [OPAL Collaboration].
10.1016/0370-2693(90)91911-T
Phys. Lett. B **247**, 617 (1990). [HEP entry](#)
- [756] **“A direct search for neutralino production at LEP”**
M. Z. Akrawy *et al.* [OPAL Collaboration].
10.1016/0370-2693(90)90041-4
Phys. Lett. B **248**, 211 (1990). [HEP entry](#)
- [757] **“A study of angular correlations in 4-jet final states of hadronic Z^0 decays”**
M. Z. Akrawy *et al.* [OPAL Collaboration].
10.1007/BF01570796
Z. Phys. C **49**, 49 (1991). [HEP entry](#)
- [758] **“Analysis of Z^0 couplings to charged leptons”**
M. Z. Akrawy *et al.* [OPAL Collaboration].
10.1016/0370-2693(90)90925-V
Phys. Lett. B **247**, 458 (1990). [HEP entry](#)
- [759] **“Limits on neutral heavy lepton production from Z^0 decay”**
M. Z. Akrawy *et al.* [OPAL Collaboration].
10.1016/0370-2693(90)90924-U
Phys. Lett. B **247**, 448 (1990). [HEP entry](#)
- [760] **“Evidence For Final State Photons In Multi-Hadronic Decays Of The Z^0 ”**
M. Z. Akrawy *et al.* [OPAL Collaboration].
10.1016/0370-2693(90)91347-E
Phys. Lett. B **246**, 285 (1990). [HEP entry](#)
- [761] **“Search For Excited Leptons At LEP”**
M. Z. Akrawy *et al.* [OPAL Collaboration].
10.1016/0370-2693(90)90283-C
Phys. Lett. B **244**, 135 (1990). [HEP entry](#)
- [762] **“A Measurement Of Global Event Shape Distributions In The Hadronic Decays Of The Z^0 ”**
M. Z. Akrawy *et al.* [OPAL Collaboration].
10.1007/BF01552315
Z. Phys. C **47**, 505 (1990). [HEP entry](#)

- [763] **“A Search For Technipions And Charged Higgs Bosons At LEP”**
M. Z. Akrawy *et al.* [OPAL Collaboration].
10.1016/0370-2693(90)91474-P
Phys. Lett. B **242**, 299 (1990). [HEP entry](#)
- [764] **“A study of the point-like interactions of the photon using energy flows in photoproduction and hadroproduction for incident energies between 65-GeV and 170-GeV”**
R. J. Apsimon *et al.* [OMEGA Photon Collaboration].
10.1007/BF02440831
Z. Phys. C **46**, 35 (1990). [HEP entry](#)
- [765] **“A study of the reaction $e^+e^- \rightarrow \gamma\gamma$ at LEP”**
M. Z. Akrawy *et al.* [OPAL Collaboration].
10.1016/0370-2693(90)91500-B
Phys. Lett. B **241**, 133 (1990). [HEP entry](#)
- [766] **“A Combined Analysis Of The Hadronic And Leptonic Decays Of The Z^0 ”**
M. Z. Akrawy *et al.* [OPAL Collaboration].
10.1016/0370-2693(90)91137-Z
Phys. Lett. B **240**, 497 (1990). [HEP entry](#)
- [767] **“A Direct Search For New Charged Heavy Leptons At LEP”**
M. Z. Akrawy *et al.* [OPAL Collaboration].
10.1016/0370-2693(90)90443-A
Phys. Lett. B **240**, 250 (1990). [HEP entry](#)
- [768] **“A Search For Acoplanar Pairs Of Leptons Or Jets In Z^0 Decays: Mass Limits On Supersymmetric Particles”**
M. Z. Akrawy *et al.* [OPAL Collaboration].
10.1016/0370-2693(90)90444-B
Phys. Lett. B **240**, 261 (1990). [HEP entry](#)
- [769] **“Mass Limits for a Standard Model Higgs Boson in e^+e^- collisions at LEP”**
M. Z. Akrawy *et al.* [OPAL Collaboration].
10.1016/0370-2693(90)90833-R
Phys. Lett. B **236**, 224 (1990). [HEP entry](#)
- [770] **“A Search For The Top And B-prime Quarks In Hadronic Z^0 Decays”**
M. Z. Akrawy *et al.* [OPAL Collaboration].
10.1016/0370-2693(90)90999-M
Phys. Lett. B **236**, 364 (1990). [HEP entry](#)
- [771] **“A Study of Jet Production Rates and a Test of QCD on the Z^0 Resonance”**
M. Z. Akrawy *et al.* [OPAL Collaboration].
10.1016/0370-2693(90)91983-I
Phys. Lett. B **235**, 389 (1990). [HEP entry](#)
- [772] **“Measurement Of The Decay Of The Z^0 Into Lepton Pairs”**
M. Z. Akrawy *et al.* [OPAL Collaboration].
10.1016/0370-2693(90)91982-H
Phys. Lett. B **235**, 379 (1990). [HEP entry](#)
- [773] **“Measurement of the Z^0 Mass and Width with the OPAL Detector at LEP”**
M. Z. Akrawy *et al.* [OPAL Collaboration].
10.1016/0370-2693(89)90705-3
Phys. Lett. B **231**, 530 (1989). [HEP entry](#)
- [774] **“Thin, High Gain Wire Chambers For Electromagnetic Presampling In OPAL”**
C. Beard, R. Hammarstrom, D. Hatzifotiadou, C. Kleinwort, L. Kopke, N. Wermes, G. W. Wilson and W. Zeuner *et al.*.
10.1016/0168-9002(90)90213-P
Nucl. Instrum. Meth. A **286**, 117 (1990). [HEP entry](#)

- [775] **“Inclusive production of π^0 mesons from photon-proton interactions in the 60 to 170 GeV energy range”**
G. W. Wilson.
Ph. D. Thesis, University of Lancaster, 1989.
- [776] **“Inclusive Photoproduction Of Single Charged Particles At High p_T ”**
R. J. Apsimon *et al.* [OMEGA Photon Collaboration].
10.1007/BF02430611
Z. Phys. C **43**, 63 (1989). [HEP entry](#)
- [777] **“Radiation from 170 GeV Electrons and Positrons Traversing Thin Si and Ge Crystals near the 110 Axis”**
J. F. Bak, D. Barberis, T. J. Brodbeck, A. T. Doyle, R. J. Ellison, K. Elsener, R. E. Hughes-Jones and S. D. Kolya *et al.*.
10.1016/0370-2693(88)91033-7
Phys. Lett. B **213**, 242 (1988). [HEP entry](#)
- [778] **“ e^+e^- Pair Creation by 40 GeV to 150 GeV Photons Incident Near the 110 Axis in a Germanium Crystal”**
J. F. Bak, D. Barberis, T. J. Brodbeck, A. T. Doyle, R. J. Ellison, K. Elsener, R. E. Hughes-Jones and S. D. Kolya *et al.*.
10.1016/0370-2693(88)91874-6
Phys. Lett. B **202**, 615 (1988). [HEP entry](#)