

List of Publications of Sylvie Braibant

1. Publications on Refereed Journals

1. P. Aarnio *et al.*, (DELPHI Collaboration) “*Measurement of the Mass and Width of the Z^0 Particle from Multihadronic Final States Produced in e^+e^- Annihilation*”, Phys. Lett. **B231** 539-547 (1989).
2. P. Aarnio *et al.*, (DELPHI Collaboration) “*Study of the Hadronic Decays of the Z^0 Boson*”, Phys. Lett. **B240** 271-282 (1990).
3. P. Aarnio *et al.*, (DELPHI Collaboration) “*Study of the Leptonic Decays of the Z^0 Boson*”, Phys. Lett. **B241** 425-434 (1990).
4. P. Abreu *et al.*, (DELPHI Collaboration) “*A Precise Measurement of the Z^0 Resonance Parameters through its Hadronic Decays*”, Phys. Lett. **B241** 435-448 (1990).
5. P. Abreu *et al.*, (DELPHI Collaboration) “*Search for Heavy Charged Scalars in Z^0 Decays*”, Phys. Lett. **B241** 449-458 (1990).
6. P. Abreu *et al.*, (DELPHI Collaboration) “*Search for Light Neutral Higgs Particles Produced in Z^0 Decays*”, Nucl. Phys. **B342** 1-14 (1990).
7. P. Abreu *et al.*, (DELPHI Collaboration) “*Search for the t and bt Quarks in Hadronic Decays of the Z^0 boson*”, Phys. Lett. **B242** 536-546 (1990).
8. P. Abreu *et al.*, (DELPHI Collaboration) “*Search for Pair Production of Neutral Higgs Bosons in Z^0 Decays*”, Phys. Lett. **B245** 276-288 (1990).
9. P. Abreu *et al.*, (DELPHI Collaboration) “*A study of Intermittency in Hadronic Z^0 Decays*”, Phys. Lett. **B247** 137-147 (1990).
10. P. Abreu *et al.*, (DELPHI Collaboration) “*Search for Scalar Quarks in Z^0 Decays*”, Phys. Lett. **B247** 148-156 (1990).
11. P. Abreu *et al.*, (DELPHI Collaboration) “*Search for Sleptons and Gauginos in Z^0 Decays*”, Phys. Lett. **B247** 157-166 (1990).
12. P. Abreu *et al.*, (DELPHI Collaboration) “*A Comparison of Jet Production Rates on the Z^0 Resonance to Perturbative QCD*”, Phys. Lett. **B247** 167-176 (1990).
13. P. Abreu *et al.*, (DELPHI Collaboration) “*Energy-energy Correlations in Hadronic Final States from Z^0 Decays*”, Phys. Lett. **B252** 149-158 (1990).
14. P. Abreu *et al.*, (DELPHI Collaboration) “*Measurement of the Partial Width of the Decay of the Z^0 into Charm Quark Pairs*”, Phys. Lett. **B252** 140-148 (1990).
15. P. Abreu *et al.*, (DELPHI Collaboration) “*Charged Particle Multiplicity Distributions in Z^0 Hadronic Decays*”, Z. Phys. **C50** 185-194 (1991).
16. P. Abreu *et al.*, (DELPHI Collaboration) “*Experimental Study of the Triple-Gluon Vertex*”, Phys. Lett. **B255** 466-476 (1991).
17. P. Abreu *et al.*, (DELPHI Collaboration) “*Search for Low Mass Higgs Bosons Produced in Z^0 Decays*”, Z. Phys. **C51** 25-36 (1991).
18. P. Abreu *et al.*, (DELPHI Collaboration) “*A study of the Reaction $e^+e^- \rightarrow \mu^+\mu^-$ around the Z^0 Pole*”, Phys. Lett. **B260** 240-248 (1991).
19. P. Abreu *et al.*, (DELPHI Collaboration) “*Charged Particle Multiplicity Distributions in Restricted Rapidity Intervals in Z^0 Hadronic Decays*”, Z. Phys. **C52** 271-281 (1991).
20. P. Abreu *et al.*, (DELPHI Collaboration) “*Determination of Z^0 Resonance Parameters and Couplings from its Hadronic and Leptonic Decays*”, Nucl. Phys. **B367** 511-574 (1991).

21. P. Abreu *et al.*, (DELPHI Collaboration) “*The Reaction $e^+e^- \rightarrow \gamma\gamma(\gamma)$ at Z^0 Energies*”, Phys. Lett. **B268** 296-304 (1991).
22. P. Abreu *et al.*, (DELPHI Collaboration) “*A Measurement of the Lifetime of the Tau Lepton*”, Phys. Lett. **B267** 422-430 (1991).
23. P. Abreu *et al.*, (DELPHI Collaboration) “*Searches for Heavy Neutrinos from Z Decays*”, Phys. Lett. **B274** 230-238 (1992).
24. P. Abreu *et al.*, (DELPHI Collaboration) “*Study of Orientation of 3 Jet Events in Z^0 Hadronic Decays Using the DELPHI Detector*”, Phys. Lett. **B274** 498-506 (1992).
25. P. Abreu *et al.*, (DELPHI Collaboration) “*A Search for Neutral Higgs Particles in Z^0 Decays*”, Nucl. Phys. **B373** 3-34 (1992).
26. P. Abreu *et al.*, (DELPHI Collaboration) “*Search for Scalar Leptoquarks from Z^0 Decays*”, Phys. Lett. **B275** 222-230 (1992).
27. P. Abreu *et al.*, (DELPHI Collaboration) “*Production of Strange Particles in the Hadronic Decays of the Z^0* ”, Phys. Lett. **B275** 231-242 (1992).
28. D. Decamp *et al.*, (ALEPH, DELPHI, L3 and OPAL Collaborations) “*Electroweak Parameters of the Z^0 Resonance Resonance and the Standard Model*”, Phys. Lett. **B276** 247-253 (1992).
29. P. Abreu *et al.*, (DELPHI Collaboration) “*A Measurement of the $b\bar{b}$ Forward Backward Asymmetry Using the Semileptonic Decay into Muons*”, Phys. Lett. **B276** 536-546 (1992).
30. P. Abreu *et al.*, (DELPHI Collaboration) “*A Measurement of $\sin^2 \theta_W$ from the Charge Asymmetry of Hadronic Events at the Z^0 Peak*”, Phys. Lett. **B277** 371-382 (1992).
31. P. Abreu *et al.*, (DELPHI Collaboration) “*Multiplicity Dependence of Mean Transverse Momentum in e^+e^- Annihilations at LEP Energies*”, Phys. Lett. **B276** 254-262 (1992).
32. P. Abreu *et al.*, (DELPHI Collaboration) “*Measurement of the Z^0 Branching Fraction to b Quark Pairs Using the Boosted Sphericity Product*”, Phys. Lett. **B281** 383-393 (1992).
33. P. Abreu *et al.*, (DELPHI Collaboration) “*Bose-Einstein Correlations in the Hadronic Decays of the Z^0* ”, Phys. Lett. **B286** 201-210 (1992).
34. P. Abreu *et al.*, (DELPHI Collaboration) “*Search for Excited Charged Leptons in Z^0 Decays*”, Z. Phys. **C53** 41-49 (1992).
35. P. Abreu *et al.*, (DELPHI Collaboration) “*Study of Final State Photons in Hadronic Z^0 Decay and Limits on New Phenomena*”, Z. Phys. **C53** 555-566 (1992).
36. P. Abreu *et al.*, (DELPHI Collaboration) “*Measurement of the Average Lifetime of b Hadrons*”, Z. Phys. **C53** 567-580 (1992).
37. P. Abreu *et al.*, (DELPHI Collaboration) “*Determination of α_s in Second Order QCD in Hadronic Z Decays*”, Z. Phys. **C54** 55-74 (1992).
38. P. Abreu *et al.*, (DELPHI Collaboration) “*A Study of the Decays of Tau Leptons Produced on the Z Resonance at LEP*”, Z. Phys. **C55** 555-568 (1992).
39. P. Abreu *et al.*, (DELPHI Collaboration) “*Measurement of the Partial Width of the Z^0 into $b\bar{b}$ Final States Using their Semileptonic Decays*”, Z. Phys. **C56** 47-62 (1992).
40. S. Braibant, Y. Brihaye, J. Kunz, “*Sphalerons at Finite Temperature*”, Int. J. Mod. Phys. **A8** 5563-5574 (1993).
41. P. Abreu *et al.*, (DELPHI Collaboration) “*Charged Particle Multiplicity Distributions for Fixed Number of Jets in Z^0 Hadronic Decays*”, Z. Phys. **C56** 63-76 (1992).

42. P. Abreu *et al.*, (DELPHI Collaboration) “Evidence for B_s^0 Meson Production in Z^0 Decays”, Phys. Lett. **B289** 199-210 (1992).
43. P. Abreu *et al.*, (DELPHI Collaboration) “Multiplicity Fluctuations in Hadronic Final States from the Decay of the Z^0 ”, Nucl. Phys. **B386** 471-494 (1992).
44. P. Abreu *et al.*, (DELPHI Collaboration) “Classification of the Hadronic Decays of the Z^0 into b and c Quark Pairs Using a Neural Network”, Phys. Lett. **B295** 383-395 (1992).
45. P. Abreu *et al.*, (DELPHI Collaboration) “Measurement of Inclusive Production of Light Meson Resonances in Hadronic Decays of the Z^0 ”, Phys. Lett. **B298** 236-246 (1992).
46. P. Abreu *et al.*, (DELPHI Collaboration) “A Search for Lepton Flavor Violation in Z^0 Decays”, Phys. Lett. **B298** 247-256 (1992).
47. P. Abreu *et al.*, (DELPHI Collaboration) “A Measurement of B Meson Production and Lifetime Using D Lepton-Events in Z^0 Decays”, Z. Phys. **C57** 181-196 (1993).
48. P. Abreu *et al.*, (DELPHI Collaboration) “A Study of $B^0 - \bar{B}^0$ Mixing Using Semileptonic Decays of b Hadrons Produced from Z^0 ”, Phys. Lett. **B301** 145-154 (1993).
49. P. Abreu *et al.*, (DELPHI Collaboration) “A Measurement of the Tau Lifetime”, Phys. Lett. **B302** 356-368 (1993).
50. P. Abreu *et al.*, (DELPHI Collaboration) “Determination of α_s for b Quarks at the Z^0 Resonance”, Phys. Lett. **B307** 221-236 (1993).
51. P. Abreu *et al.*, (DELPHI Collaboration) “Determination of α_s Using the Next-to-Leading Log Approximation of QCD ”, Z. Phys. **C59** 21-34 (1993).
52. P. Abreu *et al.*, (DELPHI Collaboration) “Measurement of the Triple Gluon Vertex from Four - Jet Events at LEP”, Z. Phys. **C59** 357-368 (1993).
53. P. Abreu *et al.*, (DELPHI Collaboration) “A Measurement of D Meson Production in Z^0 Hadronic Decays”, Z. Phys. **C59** 533-546 (1993).
54. P. Abreu *et al.*, (DELPHI Collaboration) “Measurement of Λ_b Production and Lifetime in Z^0 Hadronic Decays”, Phys. Lett. **B311** 379-390 (1993).
55. P. Abreu *et al.*, (DELPHI Collaboration) “Determination of α_s from the Scaling Violation in the Fragmentation Functions in e^+e^- Annihilation”, Phys. Lett. **B311** 408-424 (1993).
56. P. Abreu *et al.*, (DELPHI Collaboration) “A Measurement of the Mean Lifetimes of Charged and Neutral B Hadrons”, Phys. Lett. **B312** 253-266 (1993).
57. P. Abreu *et al.*, (DELPHI Collaboration) “A Search for Z^0 Decays to Two Leptons and a Charged Particle - Antiparticle Pair”, Nucl. Phys. **B403** 3-24 (1993).
58. P. Abreu *et al.*, (DELPHI Collaboration) “Limits on the Production of Scalar Leptoquarks from Z^0 Decays at LEP”, Phys. Lett. **B316** 620-630 (1993).
59. S. Braibant e Y. Brihaye, “Quasi-Exactly Solvable System and Sphaleron Stability”, J. Math. Phys. **34** 2107-2114 (1993).
60. P. Abreu *et al.*, (DELPHI Collaboration) “Production of Λ and $\Lambda\bar{\Lambda}$ Correlations in the Hadronic Decays of the Z^0 ”, Phys. Lett. **B318** 249-262 (1993).
61. P. Abreu *et al.*, (DELPHI Collaboration) “Measurement of the $B^0 - \bar{B}^0$ Mixing Using the Average Electric Charge of Hadron Jets in Z^0 Decays”, Phys. Lett. **B322** 459-472 (1994).
62. P. Abreu *et al.*, (DELPHI Collaboration) “Invariant Mass Dependence of Particle Correlations in Hadronic Final States of the Z^0 ”, Z. Phys. **C63** 17-28 (1994).

63. P. Abreu *et al.*, (DELPHI Collaboration) “*Production Rate and Decay Lifetime Measurements of B_s^0 Mesons at LEP Using D_s and ϕ Mesons*”, Z. Phys. **C61** 407-420 (1994).
64. P. Abreu *et al.*, (DELPHI Collaboration) “*Interference of Neutral Kaons in the Hadronic Decays of the Z^0* ”, Phys. Lett. **B323** 242-252 (1994).
65. P. Abreu *et al.*, (DELPHI Collaboration) “*Study of Hard Scattering Processes in Multi-Hadron Production from $\gamma\gamma$ Collisions at LEP*”, Z. Phys. **C62** 357-366 (1994).
66. P. Abreu *et al.*, (DELPHI Collaboration) “*Measurements of the Line Shape of the Z^0 and Determination of Electroweak Parameters from its Hadronic and Leptonic Decays*”, Nucl. Phys. **B417** 3-60 (1994).
67. P. Abreu *et al.*, (DELPHI Collaboration) “*Measurement of the $e^+e^- \rightarrow \gamma\gamma(\gamma)$ Cross Section at LEP Energies*”, Phys. Lett. **B327** 386-396 (1994).
68. P. Abreu *et al.*, (DELPHI Collaboration) “*Measurement of the B_s^0 Meson Mass*”, Phys. Lett. **B324** 500-508 (1994).
69. P. Abreu *et al.*, (DELPHI Collaboration) “*A Precision Measurement of the Average Lifetime of B Hadrons*”, Z. Phys. **C63** 3-16 (1994).
70. P. Abreu *et al.*, (DELPHI Collaboration) “*Improved Measurement of Cross Sections and Asymmetries at the Z^0 Resonance*”, Nucl. Phys. **B418** 403-430 (1994).
71. P. Abreu *et al.*, (DELPHI Collaboration) “*A Search for the Standard Model Higgs Boson in Z^0 Decays*”, Nucl. Phys. **B421** 3-40 (1994).
72. P. Abreu *et al.*, (DELPHI Collaboration) “*Measurement of the $B^0 - \bar{B}^0$ Mixing Parameter in DELPHI*”, Phys. Lett. **B332** 488-500 (1994).
73. P. Abreu *et al.*, (DELPHI Collaboration) “*Search for pair-produced heavy scalars in Z^0 decays*”, Z. Phys. **C64** 183-194 (1994).
74. P. Abreu *et al.*, (DELPHI Collaboration) “*Charged Kaon Production in Tau Decays at LEP*”, Phys. Lett. **B334** 435-449 (1994).
75. R. Akers *et al.*, (OPAL Collaboration) “*Search for Rare Hadronic B Decays*”, Phys. Lett. **B337** 393-404 (1994).
76. P. Abreu *et al.*, (DELPHI Collaboration) “*A Study of Radiative Muon-Pair Events at Z^0 Energies and limits on an additional Z' gauge Boson*”, Z. Phys. **C65** 603-618 (1995).
77. P. Abreu *et al.*, (DELPHI Collaboration) “ *J/ψ Production in the Hadronic Decays of the Z* ”, Phys. Lett. **B341** 109-122 (1994).
78. R. Akers *et al.*, (OPAL Collaboration) “*Search for a scalar top quark using the OPAL detector*”, Phys. Lett. **B337** 207-218 (1994).
79. R. Akers *et al.*, (OPAL Collaboration) “*Search for Neutral Higgs Bosons in the Minimal Supersymmetric Extension of the Standard Model*”, Z. Phys. **C64** 1-13 (1994).
80. R. Akers *et al.*, (OPAL Collaboration) “*Measurement of Single Photon Production in e^+e^- Collisions near the Z^0 Resonance*”, Z. Phys. **C65** 47-65 (1995).
81. R. Akers *et al.*, (OPAL Collaboration) “*Measurement of $\Gamma(Z^0 \rightarrow b\bar{b}) / \Gamma(Z^0 \rightarrow \text{hadrons})$ using a Double tagging Method*”, Z. Phys. **C65** 17-30 (1995).
82. R. Akers *et al.*, (OPAL Collaboration) “*Determination of an Upper Limit for the Mass of the τ -Neutrino at LEP*”, Z. Phys. **C65** 183-188 (1995).
83. R. Akers *et al.*, (OPAL Collaboration) “*Measurements of the Inclusive Branching ratios of τ -Leptons to K_S^0 and Charged K^* (892)*”, Phys. Lett. **B339** 278-292 (1994).

84. R. Akers *et al.*, (OPAL Collaboration) “Measurement of the Tau Lepton Polarization and its Forward-Backward Asymmetry from Z^0 Decays”, Z. Phys. **C65** 1-16 (1995).
85. P. Abreu *et al.*, (DELPHI Collaboration) “Production Characteristics of K^0 and Light Meson Resonances in Hadronic Decays of the Z^0 ”, Z. Phys. **C65** 587-602 (1995).
86. P. Abreu *et al.*, (DELPHI Collaboration) “Measurement of the $\Gamma_{b\bar{b}}/\Gamma_{had}$ Branching Ratio of the Z by Double Hemisphere Tagging”, Z. Phys. **C65** 555-568 (1995).
87. P. Abreu *et al.*, (DELPHI Collaboration) “Measurement of Time Dependent $B_d^0 - \bar{B}_d^0$ Mixing”, Phys. Lett. **B338** 409-420 (1994).
88. R. Akers *et al.*, (OPAL Collaboration) “Determination of Event Shape Distributions and α_s^b from $Z^0 \rightarrow b\bar{b}$ Events at LEP”, Z. Phys. **C65** 31-45 (1995).
89. P. Abreu *et al.*, (DELPHI Collaboration) “Measurement of the Forward-Backward Asymmetry of $e^+e^- \rightarrow Z \rightarrow b\bar{b}$ using Prompt Leptons and a Lifetime Tag”, Z. Phys. **C65** 569-586 (1995).
90. R. Akers *et al.*, (OPAL Collaboration) “Updated Measurement of the τ Lifetime”, Phys. Lett. **B338** 497-506 (1994).
91. R. Akers *et al.*, (OPAL Collaboration) “A Measurement of the QCD Colour Factor Ratios C_A/C_F and T_F/C_F from Angular Correlations in four-Jet Events”, Z. Phys. **C65** 367-377 (1995).
92. R. Akers *et al.*, (OPAL Collaboration) “Observations of π -B Charge-Flavor Correlations and Resonant $B\pi$ and BK Production”, Z. Phys. **C66** 19-29 (1995).
93. R. Akers *et al.*, (OPAL Collaboration) “A Test of CP-Invariance in $Z^0 \rightarrow \tau^+\tau^-$ Using Optimal Observables”, Z. Phys. **C66** 31-41 (1995).
94. R. Akers *et al.*, (OPAL Collaboration) “A Measurement of the Production of $D^{*\pm}$ Mesons on the Z^0 Resonance”, Z. Phys. **C67** 27-44 (1995).
95. R. Akers *et al.*, (OPAL Collaboration) “A Study of Charm Meson Production in Semileptonic B Decays”, Z. Phys. **C67** 57-68 (1995).
96. R. Akers *et al.*, (OPAL Collaboration) “Measurement of the Leptonic Branching Ratios of the τ lepton”, Z. Phys. **C66** 543-554 (1995).
97. R. Akers *et al.*, (OPAL Collaboration) “A Study of B Meson Oscillations Using Dilepton Events”, Z. Phys. **C66** 555-565 (1995).
98. R. Akers *et al.*, (OPAL Collaboration) “Comparisons of the Properties of Final State Photons in Hadronic Z^0 Decays with Predictions from Matrix Element Calculations”, Z. Phys. **C67** 15-26 (1995).
99. R. Akers *et al.*, (OPAL Collaboration) “An Improved Measurement of the B_s^0 Lifetime”, Phys. Lett. **B350** 273-282 (1994).
100. R. Akers *et al.*, (OPAL Collaboration) “Search for Heavy Charged Particles and for Particles with Anomalous Charge in e^+e^- Collisions at LEP”, Z. Phys. **C67** 203-211 (1995).
101. R. Akers *et al.*, (OPAL Collaboration) “Measurement of the Hadronic Decay Current in $\tau^- \rightarrow \pi^- \pi^- \pi^+ \nu_\tau$ ”, Z. Phys. **C67** 45-55 (1995).
102. R. Akers *et al.*, (OPAL Collaboration) “Improved measurements of the B^0 and B^+ meson lifetimes”, Z. Phys. **C67** 379-388 (1995).
103. R. Akers *et al.*, (OPAL Collaboration) “The production of neutral kaons in Z^0 decays and their Bose-Einstein correlations”, Z. Phys. **C67** 389-401 (1995).
104. R. Akers *et al.*, (OPAL Collaboration) “A Measurement of Charged Particle Multiplicity in $Z^0 \rightarrow c\bar{c}$ and $Z^0 \rightarrow b\bar{b}$ Events”, Phys. Lett. **B352** 176-186 (1995).

105. R. Abreu *et al.*, (DELPHI Collaboration) “First Evidence of Hard Scattering Processes in Single Tagged $\gamma\gamma$ Collisions”, Phys. Lett. **B342** 402-416 (1995).
106. R. Akers *et al.*, (OPAL Collaboration) “A Measurement of the Forward-Backward Asymmetry of $e^+e^- \rightarrow b\bar{b}$ by Applying a Jet Charge Algorithm to Lifetime Tagged events”, Z. Phys. **C67** 365-378 (1995).
107. R. Akers *et al.*, (OPAL Collaboration) “A Measurement of the Λ_b^0 Lifetime”, Phys. Lett. **B353** 402-412 (1995).
108. R. Akers *et al.*, (OPAL Collaboration) “Measurement of the Multiplicity of Charm Quark Pairs from Gluons in Hadronic Z^0 Decays”, Phys. Lett. **B353** 595-605 (1995).
109. R. Akers *et al.*, (OPAL Collaboration) “Inclusive strange vector and tensor meson production in hadronic Z^0 decays”, Z. Phys. **C68** 1-12 (1995).
110. R. Akers *et al.*, (OPAL Collaboration) “A Search for Lepton Flavour Violating Z^0 Decays”, Z. Phys. **C67** 555-564 (1995).
111. R. Akers *et al.*, (OPAL Collaboration) “Measurement of the Longitudinal, Transverse and Asymmetry Fragmentation Functions at LEP”, Z. Phys. **C68** 203-214 (1995).
112. R. Akers *et al.*, (OPAL Collaboration) “A Study of QCD Structure Constants and a Measurement of $\alpha_s(m_Z^0)$ at LEP Using Event Shape Observables”, Z. Phys. **C68** 519-530 (1995).
113. R. Akers *et al.*, (OPAL Collaboration) “Measurement of the $\tau^- \rightarrow h^- h^+ h^- \nu_\tau$ and $\tau^- \rightarrow h^- h^+ h^- \geq 1\pi^0 \nu_\tau$ Branching Ratio”, Z. Phys. **C68** 555-568 (1995).
114. R. Akers *et al.*, (OPAL Collaboration) “A Model Independent Measurement of Quark and Gluon Jet Properties and Differences”, Z. Phys. **C68** 179-202 (1995).
115. R. Akers *et al.*, (OPAL Collaboration) “Investigation of the String Effect Using Final State Photons”, Z. Phys. **C68** 531-540 (1995).
116. R. Akers *et al.*, (OPAL Collaboration) “Measurement of the Average b -Baryon Lifetime and the Product Branching Ratio $f(b \rightarrow \Lambda_b) \cdot BR(\Lambda_b \rightarrow \Lambda l^- \bar{\nu} + X)$ ”, Z. Phys. **C69** 195-214 (1996).
117. R. Akers *et al.*, (OPAL Collaboration) “ Δ^{++} Production in Hadronic Z^0 Decays”, Phys. Lett. **B358** 162-172 (1995).
118. R. Akers *et al.*, (OPAL Collaboration) “A Study of b Quark Fragmentation into B^0 and B^+ Mesons at LEP”, Phys. Lett. **B364** 93-106 (1995).
119. G. Alexander *et al.*, (OPAL Collaboration) “A comparison of b and uds quark jets to gluon jets”, Z. Phys. **C69** 543-560 (1996).
120. G. Alexander *et al.*, (OPAL Collaboration) “Measurement of the $\tau^- \rightarrow e^- \bar{\nu}_e \nu_\tau$ Branching Ratio”, Phys. Lett. **B369** 163-172 (1996).
121. G. Alexander *et al.*, (OPAL Collaboration) “ J/ψ and J/ψ' production in hadronic Z^0 decays”, Z. Phys. **C70** (1996) 197.
122. G. Alexander *et al.*, (OPAL Collaboration) “Test of the Exponential Decay Law at Short Decay Times using Tau Leptons”, Phys. Lett. **B368** 244-250 (1996).
123. G. Alexander *et al.*, (OPAL Collaboration) “Measurement of Heavy Quark Forward-Backward Asymmetries and Average B Mixing Using Leptons in Multihadronic Events”, Z. Phys. **C70** (1996) 357.
124. G. Alexander *et al.*, (OPAL Collaboration) “Search for Charged Higgs Bosons Using the OPAL Detector at LEP”, Phys. Lett. **B370** 174-184 (1996).
125. G. Alexander *et al.*, (OPAL Collaboration) “Observation of Υ production in hadronic Z^0 decays”, Phys. Lett. **B370** 185-194 (1996).

126. G. Alexander *et al.*, (OPAL Collaboration) “Search for a Narrow Resonance in Z^0 Decays into Hadrons and Isolated Photons”, Z. Phys. **C71** (1996) 1.
127. G. Alexander *et al.*, (OPAL Collaboration) “Search for a Narrow Resonance in Z^0 Decays into Hadrons and Isolated Photons”, Z. Phys. **C71** (1996) 1.
128. G. Alexander *et al.*, (OPAL Collaboration) “Improved measurement of the lifetime of the τ lepton”, Phys. Lett. **B374** (1996) 341.
129. G. Alexander *et al.*, (OPAL Collaboration) “Topological search for the production of neutralinos and scalar particles”, Phys. Lett. **B377** (1996) 273.
130. G. Alexander *et al.*, (OPAL Collaboration) “Search for chargino and neutralino production using the OPAL detector at $\sqrt{s} = 130 - 136$ GeV at LEP”, Phys. Lett. **B377** (1996) 181.
131. G. Alexander *et al.*, (OPAL Collaboration) “Measurement of cross-sections and asymmetries in e^+e^- collisions at 130-140 GeV center-of-mass energy”, Phys. Lett. **B376** (1996) 232.
132. G. Alexander *et al.*, (OPAL Collaboration) “A Study of Four-Fermion Final States with High Multiplicity at LEP”, Phys. Lett. **B376** (1996) 315.
133. G. Alexander *et al.*, (OPAL Collaboration) “Measurements with Photonic Events in e^+e^- Collisions at Centre-of-Mass Energies of 130-140 GeV”, Phys. Lett. **B377** (1996) 222.
134. G. Alexander *et al.*, (OPAL Collaboration) “Upper Limit on the ν_τ Mass from $\tau \rightarrow 3h\nu_\tau$ Decays”, Z. Phys. **C72** (1996) 231.
135. G. Alexander *et al.*, (OPAL Collaboration) “QCD studies with e^+e^- annihilation data at 130 and 136 GeV”, Z. Phys. **C72** (1996) 191.
136. G. Alexander *et al.*, (OPAL Collaboration) “A study of charm hadron production in $Z^0 \rightarrow c\bar{c}$ and $Z^0 \rightarrow b\bar{b}$ decays at LEP”, Z. Phys. **C72** (1996) 1.
137. G. Alexander *et al.*, (OPAL Collaboration) “Prompt J/ψ production in hadronic Z^0 decays”, Phys. Lett. **B384** (1996) 343.
138. G. Alexander *et al.*, (OPAL Collaboration) “A First Measurement of the $\Lambda\bar{\Lambda}$ and $\Lambda\Lambda$ ($\bar{\Lambda}\bar{\Lambda}$) Spin Compositions in Hadronic Z^0 Decays”, Phys. Lett. **B384** (1996) 377.
139. G. Alexander *et al.*, (OPAL Collaboration) “A Measurement of the B_d^0 Oscillation Frequency Using Leptons and $D^{*\pm}$ Mesons”, Z. Phys. **C72** (1996) 377.
140. G. Alexander *et al.*, (OPAL Collaboration) “A Precise Measurement of the Tau Polarization and its Forward-Backward Asymmetry at LEP”, Z. Phys. **C72** (1996) 365.
141. G. Alexander *et al.*, (OPAL Collaboration) “Multiplicity Dependence of Bose-Einstein Correlations in Hadronic Z^0 Decays”, Z. Phys. **C72** (1996) 389.
142. G. Alexander *et al.*, (OPAL Collaboration) “Search for Unstable Neutral and Charged Heavy Leptons in e^+e^- Collisions at $\sqrt{s} = 130$ and 136 GeV”, Phys. Lett. **B385** (1996) 433.
143. G. Alexander *et al.*, (OPAL Collaboration) “Search for Excited Leptons in e^+e^- Collisions at $\sqrt{s} = 130$ and 136 GeV”, Phys. Lett. **B386** (1996) 463.
144. G. Alexander *et al.*, (OPAL Collaboration) “Searches for Supersymmetric Particles and Anomalous Four-Jet Production at $\sqrt{s} = 130$ and 136 GeV at LEP”, Z. Phys. **C73** (1997) 201.
145. G. Alexander *et al.*, (OPAL Collaboration) “Test of the Four-fermion Contact Interaction in e^+e^- Collisions at 130-140 GeV”, Phys. Lett. **B387** (1996) 432.
146. G. Alexander *et al.*, (OPAL Collaboration) “Strange Baryon Production in Hadronic Z^0 Decays”, Z. Phys. **C73** (1997) 569.

147. G. Alexander *et al.*, (OPAL Collaboration) “ Σ^+ , Σ^0 and Σ^- Hyperon Production in Hadronic Z^0 Decays”, Z. Phys. **C73** (1997) 587.
148. G. Alexander *et al.*, (OPAL Collaboration) “A Measurement of the Charm and Bottom Forward-Backward Asymmetries using D Mesons at LEP”, Z. Phys. **C73** (1997) 379.
149. G. Alexander *et al.*, (OPAL Collaboration) “Test of QCD analytic predictions for the multiplicity ratio between gluon and quark jets”, Phys. Lett. **B388** (1996) 659.
150. G. Alexander *et al.*, (OPAL Collaboration) “Search for Neutral Higgs Bosons in Z^0 Decays Using the OPAL Detector at LEP”, Z. Phys. **C73** (1997) 189.
151. G. Alexander *et al.*, (OPAL Collaboration) “Measurement of the Branching Fraction of the Radiative Decay $\tau^- \rightarrow \mu^- \bar{\nu}_\mu \nu_\tau \gamma$ ”, Phys. Lett. **B388** (1996) 437.
152. K. Ackerstaff *et al.*, (OPAL Collaboration) “Inclusive Jet Production in Photon-Photon Collisions at $\sqrt{s}_{ee} = 130$ and 136 GeV”, Z. Phys. **C73** (1997) 433.
153. K. Ackerstaff *et al.*, (OPAL Collaboration) “Search for scalar top and scalar bottom quarks using the OPAL detector at LEP”, Phys. Lett. **B389** (1996) 197.
154. K. Ackerstaff *et al.*, (OPAL Collaboration) “Search for chargino and neutralino production in e^+e^- collisions at $\sqrt{s} = 161$ GeV”, Phys. Lett. **B389** (1996) 616.
155. K. Ackerstaff *et al.*, (OPAL Collaboration) “A Measurement of the Average Bottom Hadron Lifetime”, Z. Phys. **C73** (1997) 397.
156. K. Ackerstaff *et al.*, (OPAL Collaboration) “Search for Excited Leptons in e^+e^- Collisions at $\sqrt{s} = 161$ GeV”, Phys. Lett. **B391** (1997) 197.
157. K. Ackerstaff *et al.*, (OPAL Collaboration) “Search for unstable neutral and charged heavy leptons in e^+e^- collisions at $\sqrt{s} = 161$ GeV”, Phys. Lett. **B393** (1997) 217.
158. K. Ackerstaff *et al.*, (OPAL Collaboration) “Measurement of the mass of the W boson in e^+e^- collisions at $\sqrt{s} = 161$ GeV”, Phys. Lett. **B389** (1996) 416.
159. K. Ackerstaff *et al.*, (OPAL Collaboration) “Measurement of QED Structure Functions of the Photon using Azimuthal Correlations at LEP”, Z. Phys. **C74** (1997) 49.
160. K. Ackerstaff *et al.*, (OPAL Collaboration) “Photonic Events with Large Missing Energy in e^+e^- Collisions at $\sqrt{s} = 161$ GeV”, Phys. Lett. **B391** (1997) 210.
161. K. Ackerstaff *et al.*, (OPAL Collaboration) “Analysis of hadronic final states and the photon structure function F_2^{γ} in deep inelastic electron-photon scattering at LEP”, Z. Phys. **C74** (1997) 33.
162. K. Ackerstaff *et al.*, (OPAL Collaboration) “Production of Fermion-pair Events in e^+e^- Collisions at 161 GeV Centre-of-mass Energy”, Phys. Lett. **B391** (1997) 221.
163. K. Ackerstaff *et al.*, (OPAL Collaboration) “Search for the Standard Model Higgs Boson in e^+e^- Collisions at $\sqrt{s} = 161$ GeV”, Phys. Lett. **B393** (1997) 231.
164. K. Ackerstaff *et al.*, (OPAL Collaboration) “A Measurement of $|V_{cb}|$ Using $\bar{B}^0 \rightarrow D^{*+} \ell^- \bar{\nu}_\ell$ Decays”, Phys. Lett. **B395** (1997) 128.
165. K. Ackerstaff *et al.*, (OPAL Collaboration) “Measurement of the semileptonic branching fraction of inclusive b baryon decays to Λ ”, Z. Phys. **C74** (1997) 423.
166. K. Ackerstaff *et al.*, (OPAL Collaboration) “An improved measurement of R_b using a double tagging method”, Z. Phys. **C74** (1997) 1.
167. K. Ackerstaff *et al.*, (OPAL Collaboration) “Search for Charged Scalar Leptons Using the OPAL Detector at $\sqrt{s} = 161$ GeV”, Phys. Lett. **B396** (1997) 301.

168. K. Ackerstaff *et al.*, (OPAL Collaboration) “Search for CP Violation in $Z^0 \rightarrow \tau^+ \tau^-$ and an Upper Limit on the Weak Dipole Moment of the τ Lepton”, Z. Phys. **C74** (1997) 403.
169. K. Ackerstaff *et al.*, (OPAL Collaboration) “ B^* production in Z^0 decays”, Z. Phys. **C74** (1997) 413.
170. K. Ackerstaff *et al.*, (OPAL Collaboration) “Measurement of the triple gauge boson coupling $\alpha_W \phi$ from $W^+ W^-$ production in $e^+ e^-$ collisions at $\sqrt{s} = 161$ GeV”, Phys. Lett. **B397** (1997) 147.
171. K. Ackerstaff *et al.*, (OPAL Collaboration) “Study of $\phi(1020)$, $D^{*\pm}$ and B^* spin alignment in hadronic Z^0 decays”, Z. Phys. **C74** (1997) 437.
172. K. Ackerstaff *et al.*, (OPAL Collaboration) “Measurements of the b quark forward-backward asymmetry around the Z^0 peak using jet charge and vertex charge”, Z. Phys. **C75** (1997) 385.
173. K. Ackerstaff *et al.*, (OPAL Collaboration) “QCD studies with $e^+ e^-$ annihilation data at 161 GeV”, Z. Phys. **C75** (1997) 193.
174. K. Ackerstaff *et al.*, (OPAL Collaboration) “A Measurement of the hadronic decay current and the ν_τ -helicity in $\tau^- \rightarrow \pi^- \pi^- \pi^+ \nu_\tau$ ”, Z. Phys. **C75** (1997) 593.
175. K. Ackerstaff *et al.*, (OPAL Collaboration) “Production of P-Wave Charm and Charm-Strange Mesons in Hadronic Z^0 decays”, Z. Phys. **C76** (1997) 425.
176. K. Ackerstaff *et al.*, (OPAL Collaboration) “A Study of B Meson Oscillations Using Hadronic Z^0 Decays Containing Leptons”, Z. Phys. **C76** (1997) 401.
177. K. Ackerstaff *et al.*, (OPAL Collaboration) “Search for scalar top and scalar bottom quarks at $\sqrt{s} = 170 - 172$ GeV in $e^+ e^-$ collisions”, Z. Phys. **C75** (1997) 409.
178. K. Ackerstaff *et al.*, (OPAL Collaboration) “An upper limit on the branching ratio for τ decays into seven charged particles”, Phys. Lett. **B404** (1997) 213.
179. K. Ackerstaff *et al.*, (OPAL Collaboration) “Measurement of the branching fractions and forward-backward asymmetries of the Z^0 into light quarks”, Z. Phys. **C76** (1997) 387.
180. K. Ackerstaff *et al.*, (OPAL Collaboration) “An updated study of B meson oscillations using dilepton events”, Z. Phys. **C76** (1997) 417.
181. K. Ackerstaff *et al.*, (OPAL Collaboration) “Search for Chargino and Neutralino Production at $\sqrt{s} = 170$ and 172 GeV at LEP”, E. Phys. J. **C2** (1998) 213.
182. K. Ackerstaff *et al.*, (OPAL Collaboration) “Measurement of the quark to photon fragmentation function through the inclusive production of prompt photons in hadronic Z^0 decays”, E. Phys. J. **C2** (1998) 39.
183. K. Ackerstaff *et al.*, (OPAL Collaboration) “Measurement of the Q^2 evolution of the photon structure F_2^γ ”, Phys. Lett. **B411** (1997) 387.
184. O. Biebel *et al.*, “Radiation Monitoring and Beam Dump System of the OPAL Silicon Microvertex Detector”, Nucl. Instr and Methd. **A403** (1998) 351.
185. K. Ackerstaff *et al.*, (OPAL Collaboration) “Measurement of $f(c \rightarrow D^{*+} X)$, $f(b \rightarrow D^{*+} X)$ and $\Gamma_{c\bar{c}}/\Gamma_{had}$ using $D^{*\pm}$ Mesons”, E. Phys. J. **C1** (1998) 439.
186. K. Ackerstaff *et al.*, (OPAL Collaboration) “Spin alignment of leading $K^* (892)^0$ mesons in hadronic Z^0 decays”, Phys. Lett. **B412** (1997) 210.
187. K. Ackerstaff *et al.*, (OPAL Collaboration) “A Measurement of the B_s^0 Lifetime using Reconstructed D_s^- Mesons”, E. Phys. J. **C2** (1998) 407.
188. K. Ackerstaff *et al.*, (OPAL Collaboration) “Tests of the Standard Model and Constraints on New Physics from Measurements of Fermion-pair Production at 130-172 GeV at LEP”, E. Phys. J. **C2** (1998) 441.
189. K. Ackerstaff *et al.*, (OPAL Collaboration) “Measurement of the Photon Structure Function F_2^γ at Low x ”, Phys. Lett. **B412** (1997) 225.

190. K. Ackerstaff *et al.*, (OPAL Collaboration) “Polarization and Forward-Backward Asymmetry of Λ Baryons in Hadronic Z^0 Decays”, E. Phys. J. **C2** (1998) 49.
191. K. Ackerstaff *et al.*, (OPAL Collaboration) “Multiplicity distributions of gluon and quark jets and tests of QCD analytic predictions”, E. Phys. J. **C1** (1998) 479.
192. K. Ackerstaff *et al.*, (OPAL Collaboration) “Multi-photon final states in e^+e^- collisions at $\sqrt{s} = 130 - 172$ GeV”, E. Phys. J. **C1** (1998) 21.
193. K. Ackerstaff *et al.*, (OPAL Collaboration) “Search for the Standard Model Higgs Boson in e^+e^- Collision at $\sqrt{s} = 161 - 172$ GeV”, E. Phys. J. **C1** (1998) 425.
194. K. Ackerstaff *et al.*, (OPAL Collaboration) “Measurement of the W Boson Mass and W^+W^- Production and Decay Properties in e^+e^- Collisions at $\sqrt{s} = 172$ GeV”, E. Phys. J. **C1** (1998) 395.
195. K. Ackerstaff *et al.*, (OPAL Collaboration) “Search for a Massive Di-photon Resonance at $\sqrt{s} = 91 - 172$ GeV”, E. Phys. J. **C1** (1998) 31.
196. K. Ackerstaff *et al.*, (OPAL Collaboration) “Search for Unstable Heavy and Excited Leptons in e^+e^- Collisions at $\sqrt{s} = 170-172$ GeV”, E. Phys. J. **C1** (1998) 45.
197. K. Ackerstaff *et al.*, (OPAL Collaboration) “Search for Anomalous Production of Di-lepton Events with Missing Transverse Momentum in e^+e^- Collisions at $\sqrt{s} = 161$ and 172 GeV”, E. Phys. J. **C4** (1998) 47.
198. K. Ackerstaff *et al.*, (OPAL Collaboration) “Measurement of triple gauge boson couplings from W^+W^- production at $\sqrt{s} = 172$ GeV”, E. Phys. J. **C2** (1998) 597.
199. K. Ackerstaff *et al.*, (OPAL Collaboration) “Search for Anomalous Production of Photonic Events with Missing Energy in e^+e^- Collisions at $\sqrt{s} = 130 - 172$ GeV”, E. Phys. J. **C2** (1998) 607.
200. K. Ackerstaff *et al.*, (OPAL Collaboration) “Search for B_c Meson in Hadronic Z^0 Decays”, Phys. Lett. **B420** (1998) 157.
201. K. Ackerstaff *et al.*, (OPAL Collaboration) “Measurement of the one-prong hadronic tau branching ratios at LEP”, E. Phys. J. **C4** (1998) 193.
202. K. Ackerstaff *et al.*, (OPAL Collaboration) “Measurement of the B_s^0 and Λ_b^0 Lifetimes”, Phys. Lett. **B426** (1997) 161.
203. K. Ackerstaff *et al.*, (OPAL Collaboration) “Search for charged Higgs bosons in e^+e^- collisions at $\sqrt{s} = 130 - 172$ GeV”, Phys. Lett. **B426** (1998) 180.
204. K. Ackerstaff *et al.*, (OPAL Collaboration) “Determination of the Production Rate of D^{*0} Mesons and of the Ratio $V/(V+P)$ in $Z^0 \rightarrow c\bar{c}$ Decays”, E. Phys. J. **C5** (1998) 1.
205. K. Ackerstaff *et al.*, (OPAL Collaboration) “Investigation of CP violation in $B^0 \rightarrow J/\psi K_S^0$ decays at LEP”, E. Phys. J. **C5** (1998) 379.
206. K. Ackerstaff *et al.*, (OPAL Collaboration) “Production of $f_0(980)$, $f_2(1270)$ and $\phi(1020)$ in hadronic Z^0 decay”, E. Phys. J. **C4** (1998) 19.
207. K. Ackerstaff *et al.*, (OPAL Collaboration) “Search for an Excess in the Production of Four-Jet Events from e^+e^- Collisions at $\sqrt{s} = 130 - 184$ GeV”, Phys. Lett. **B429** (1998) 399.
208. K. Ackerstaff *et al.*, (OPAL Collaboration) “A Search for Neutral Higgs Bosons in the MSSM and Models with Two Scalar Field Doublets”, E. Phys. J. **C5** (1998) 19.
209. K. Ackerstaff *et al.*, (OPAL Collaboration) “An upper limit on the anomalous magnetic moment of the τ lepton”, Phys. Lett. **B431** (1998) 183.
210. K. Ackerstaff *et al.*, (OPAL Collaboration) “Search for Stable and Long-Lived Massive Charged Particles in e^+e^- Collisions at $\sqrt{s} = 130 - 183$ GeV”, Phys. Lett. **B433** (1998) 195.

211. K. Ackerstaff *et al.*, (OPAL Collaboration) “Production of K_S^0 and Λ in Quark and Gluon Jets from Z^0 Decay”, E. Phys. J. **C8** (1999) 241.
212. K. Ackerstaff *et al.*, (OPAL Collaboration) “Photon and light meson production in hadronic Z^0 decays”, E. Phys. J. **C5** (1998) 411.
213. K. Ackerstaff *et al.*, (OPAL Collaboration) “An upper limit for the τ -neutrino mass from $\tau \rightarrow 5\pi^\pm \nu_\tau$ ”, E. Phys. J. **C5** (1998) 229.
214. K. Ackerstaff *et al.*, (OPAL Collaboration) “Bose-Einstein Correlations of Three Charged Pions in Hadronic Z^0 Decays”, E. Phys. J. **C5** (1998) 239.
215. K. Ackerstaff *et al.*, (OPAL Collaboration) “Measurements of Flavour Dependent Fragmentation Functions in $Z^0 \rightarrow q\bar{q}$ events”, E. Phys. J. **C7** (1999) 369.
216. K. Ackerstaff *et al.*, (OPAL Collaboration) “Inclusive production of charged hadrons and K_S^0 mesons in photon-photon collisions”, E. Phys. J. **C6** (1998) 253.
217. K. Ackerstaff *et al.*, (OPAL Collaboration) “Measurement of tau branching ratios to five charged hadrons”, E. Phys. J. **C8** (1999) 183.
218. K. Ackerstaff *et al.*, (OPAL Collaboration) “Multi-photon production in e^+e^- collisions at $\sqrt{s} = 183$ GeV”, Phys. Lett. **B438** (1998) 379.
219. K. Ackerstaff *et al.*, (OPAL Collaboration) “Search for Higgs bosons and new particles decaying into two photons at $\sqrt{s} = 183$ GeV”, Phys. Lett. **B437** (1998) 218.
220. K. Ackerstaff *et al.*, (OPAL Collaboration) “Measurement of the Michel parameters in leptonic tau decays”, E. Phys. J. **C8** (1999) 3.
221. K. Ackerstaff *et al.*, (OPAL Collaboration) “Measurement of the strong coupling constant α_s and the Vector and Axial-Vector spectral functions in hadronic tau decays”, E. Phys. J. **C7** (1999) 571.
222. G. Abbiendi *et al.*, (OPAL Collaboration) “Test of the standard model and constraints on new physics from measurements of fermion-pair production at 183 GeV at LEP”, E. Phys. J. **C6** (1998) 1.
223. K. Ackerstaff *et al.*, (OPAL Collaboration) “Production of χ_{c2} mesons in photon-photon collisions at LEP”, Phys. Lett. **B439** (1998) 197.
224. K. Ackerstaff *et al.*, (OPAL Collaboration) “Search for scalar top and scalar bottom quarks at $\sqrt{s} = 183$ GeV at LEP”, E. Phys. J. **C6** (1998) 225.
225. G. Abbiendi *et al.*, (OPAL Collaboration) “Di-Jet production in photon-photon collisions at $\sqrt{s}_{ee} = 161$ and 172 GeV”, E. Phys. J. **C10** (1999) 547.
226. G. Abbiendi *et al.*, (OPAL Collaboration) “First measurement of Z/γ^* production in compton scattering of quasi-real photons”, Phys. Lett. **B438** (1998) 391.
227. G. Abbiendi *et al.*, (OPAL Collaboration) “Measurement of the Longitudinal Cross-Section using the Direction of the Thrust Axis in Hadronic Events at LEP”, Phys. Lett. **B440** (1998) 393.
228. G. Abbiendi *et al.*, (OPAL Collaboration) “Measurement of the average polarization of b baryons in hadronic Z^0 Decays”, Phys. Lett. **B444** (1998) 539.
229. G. Abbiendi *et al.*, (OPAL Collaboration) “Search for Chargino and Neutralino Production at $\sqrt{s} = 181$ – 184 GeV at LEP”, E. Phys. J. **C8** (1999) 255.
230. G. Abbiendi *et al.*, (OPAL Collaboration) “A Measurement of R_b using a Double Tagging Method”, E. Phys. J. **C8** (1999) 217.
231. G. Abbiendi *et al.*, (OPAL Collaboration) “Search for Anomalous Photonic Events with Missing Energy in e^+e^- Collisions at $\sqrt{s} = 130, 136$ and 183 GeV”, E. Phys. J. **C8** (1999) 23.

232. G. Abbiendi *et al.*, (OPAL Collaboration) “*Measurement of the Semileptonic Branching Ratio of Charm Hadrons produced in $Z^0 \rightarrow cc$ Decays*”, E. Phys. J. **C8** (1999) 573.
233. G. Abbiendi *et al.*, (OPAL Collaboration) “ *W^+W^- production and triple gauge boson couplings at LEP energies up to 183 GeV*”, E. Phys. J. **C8** (1999) 191.
234. G. Abbiendi *et al.*, (OPAL Collaboration) “*Search for Higgs Bosons in e^+e^- Collisions at 183 GeV*”, E. Phys. J. **C7** (1999) 407.
235. G. Abbiendi *et al.*, (OPAL Collaboration) “*Bose-Einstein Correlations in $e^+e^- \rightarrow W^+W^-$ at 172 and 183 GeV*”, E. Phys. J. **C8** (1999) 559.
236. G. Abbiendi *et al.*, (OPAL Collaboration) “*A Measurement of the $\tau \rightarrow e\nu\bar{\nu}$ Branching Ratio*”, Phys. Lett. **B447** (1999) 134.
237. G. Abbiendi *et al.*, (OPAL Collaboration) “*A Measurement of the Product Branching Ratio $f(b \rightarrow \Lambda_b) \cdot BR(\Lambda_b \rightarrow \Lambda_X)$ in Z^0 Decays*”, E. Phys. J. **C9** (1999) 1.
238. G. Abbiendi *et al.*, (OPAL Collaboration) “*Colour reconnection studies in $e^+e^- \rightarrow W^+W^-$ at $\sqrt{s} = 183$ GeV*”, Phys. Lett. **B453** (1999) 153.
239. G. Abbiendi *et al.*, (OPAL Collaboration) “*Measurement of the W Mass and Width in e^+e^- Collisions at 183 GeV*”, Phys. Lett. **B453** (1999) 138.
240. G. Abbiendi *et al.*, (OPAL Collaboration) “*Searches for R-Parity Violating Decays of Gauginos at 183 GeV at LEP*”, E. Phys. J. **C11** (1999) 619.
241. G. Abbiendi *et al.*, (OPAL Collaboration) “*Search for Baryon and Lepton Number Violating Z^0 Decays*” Phys. Lett. **B447** (1999) 157.
242. G. Abbiendi *et al.*, (OPAL Collaboration) “*Intermittency and Correlations in Hadronic Z^0 Decays*”, E. Phys. J. **C11** (1999) 239.
243. G. Abbiendi *et al.*, (OPAL Collaboration) “*Measurements of the QED Structure of the Photon*”, E. Phys. J. **C11** (1999) 409.
244. G. Abbiendi *et al.*, (OPAL Collaboration) “*Experimental Properties of Gluon and Quark Jets from a Point Source*”, E. Phys. J. **C11** (1999) 409.
245. G. Abbiendi *et al.*, (OPAL Collaboration) “*Search for Scalar Top and Scalar Bottom Quarks at $\sqrt{s} = 189$ GeV at LEP*”, Phys. Lett. **B456** (1999) 95.
246. G. Abbiendi *et al.*, (OPAL Collaboration) “*Search for R-parity Violating Decays of Scalar Fermions at LEP*”, E. Phys. J. **C12** (1999) 1.
247. G. Abbiendi *et al.*, (OPAL Collaboration) “*Test of the Flavour Independence of α_s Using Next-to-leading Order Calculations for Heavy Quarks*”, E. Phys. J. **C11** (1999) 643.
248. G. Abbiendi *et al.*, (OPAL Collaboration) “*A Study of Parton Fragmentation in Hadronic Z^0 Decays using $\Lambda\bar{\Lambda}$ Correlations*”, E. Phys. J. **C13** (2000) 185.
249. G. Abbiendi *et al.*, (OPAL Collaboration) “*Search for Acoplanar Lepton Pair Events in e^+e^- Collisions at $\sqrt{s} = 161, 172$ and 183 GeV*”, E. Phys. J. **C12** (2000) 551.
250. G. Abbiendi *et al.*, (OPAL Collaboration) “*Measurement of the B^+ and B^0 Lifetimes and Search for $CP(T)$ Violation using Reconstructed Secondary Vertices*”, E. Phys. J. **C12** (2000) 609.
251. G. Abbiendi *et al.*, (OPAL Collaboration) “*Total Hadronic Cross-Section of Photon-Photon Interactions at LEP*”, E. Phys. J. **C14** (2000) 199.
252. G. Abbiendi *et al.*, (OPAL Collaboration) “*Measurements of Inclusive Semileptonic Branching Fractions of b Hadrons in Z^0 Decays*”, E. Phys. J. **C13** (2000) 225.

253. G. Abbiendi *et al.*, (OPAL Collaboration) “ *A Study of Spin Alignment $\rho(770)^\pm$ and $\omega(782)$ Mesons in Hadronic Z^0 Decays* ”, E. Phys. J. **C16** (1999) 61.
254. G. Abbiendi *et al.*, (OPAL Collaboration) “ *Search for Higgs Boson and Other Massive States Decaying into Two Photons in e^+e^- Collisions at 189 GeV* ”, Phys. Lett. **B464** (1999) 311.
255. G. Abbiendi *et al.*, (OPAL Collaboration) “ *A Study of B_s^0 Meson Oscillation Using Hadronic Z^0 Decays Containing Leptons* ”, E. Phys. J. **C11** (1999) 587.
256. G. Abbiendi *et al.*, (OPAL Collaboration) “ *Multi-photon Production in e^+e^- Collisions at $\sqrt{s} = 189$ GeV* ”, Phys. Lett. **B465** (1999) 303.
257. G. Abbiendi *et al.*, (OPAL Collaboration) “ *Measurement of the Production Rate of Charm Quark Pairs from Gluons in Hadronic Z^0 Decays* ”, E. Phys. J. **C13** (2000) 1.
258. G. Abbiendi *et al.*, (OPAL Collaboration) “ *Search for Neutral Higgs Bosons in e^+e^- Collisions at $\sqrt{s} = 189$ GeV* ”, E. Phys. J. **C12** (2000) 567.
259. G. Abbiendi *et al.*, (OPAL Collaboration) “ *Tests of the Standard Model and Constraints on New Physics from Measurements of Fermion-pair Production at 189 GeV at LEP* ”, E. Phys. J. **C13** (2000) 553.
260. G. Abbiendi *et al.*, (OPAL Collaboration) “ *Search for Pair-produced Leptoquarks in e^+e^- Interactions at $\sqrt{s}=183$ GeV* ”, E. Phys. J. **C13** (2000) 15.
261. G. Abbiendi *et al.*, (OPAL Collaboration) “ *A Study of Three-Prong Tau Decays with Charged Kaons* ”, E. Phys. J. **C13** (2000) 197.
262. G. Abbiendi *et al.*, (OPAL Collaboration) “ *Precision Luminosity for Z^0 Lineshape Measurements with a Silicon-Tungsten Calorimeter* ”, E. Phys. J. **C14** (2000) 373.
263. G. Abbiendi *et al.*, (OPAL Collaboration) “ *Search for Anomalous Production of Acoplanar Di-lepton Events in e^+e^- Collisions at $\sqrt{s} = 183$ and 189 GeV* ”, E. Phys. J. **C14** (2000) 51.
264. G. Abbiendi *et al.*, (OPAL Collaboration) “ *Search for Chargino and Neutralino Production at $\sqrt{s}=189$ GeV at LEP* ”, E. Phys. J. **C14** (2000) 187.
265. G. Abbiendi *et al.*, (OPAL Collaboration) “ *Measurement of the $W^+W^-\gamma$ Cross-section and First Direct Limits on Anomalous Electroweak Quartic Gauge Couplings* ”, Phys. Lett. **B471** (1999) 293.
266. G. Abbiendi *et al.*, (OPAL Collaboration) “ *Tau Decays with Neutral Kaons* ”, E. Phys. J. **C13** (2000) 213.
267. G. Abbiendi *et al.*, (OPAL Collaboration) “ *Inclusive Production of D^* Mesons in Photon-Photon Collisions at $\sqrt{s} = 183$ and 189 GeV and a First Measurement of $F_{2,c}^{\gamma}$* ”, E. Phys. J. **C16** (2000) 579.
268. G. Abbiendi *et al.*, (OPAL Collaboration) “ *Bose-Einstein Correlations in $K^\pm K^\pm$ Pairs from Z^0 Decays into Two Hadronic Jets* ”, E. Phys. J. **C21** (2001) 23-32.
269. G. Abbiendi *et al.*, (OPAL Collaboration) “ *Leading Particle Production in Light Flavour Jets* ”, E. Phys. J. **C16** (2000) 407.
270. G. Abbiendi *et al.*, (OPAL Collaboration) “ *Measurements of R_b , A_{FB}^b , and A_{FB}^c in e^+e^- Collisions at 130-189 GeV* ”, E. Phys. J. **C16** (2000) 41.
271. G. Abbiendi *et al.*, (OPAL Collaboration) “ *Search for Unstable Heavy and Excited Leptons at LEP2* ”, E. Phys. J. **C16** (2000) 73.
272. G. Abbiendi *et al.*, (OPAL Collaboration) “ *QCD Analyses and Determinations of α_s in e^+e^- Annihilation at Energies between 35 and 189 GeV* ”, E. Phys. J. **C17** (2000) 19.
273. G. Abbiendi *et al.*, (OPAL Collaboration) “ *Z Boson Pair Production in e^+e^- Collisions at $\sqrt{s} = 183$ and 189 GeV* ”, Phys. Lett. **B476** (2000) 256.
274. G. Abbiendi *et al.*, (OPAL Collaboration) “ *Search for New Physics in Rare B Decays* ”, Phys. Lett. **B476** (2000) 233.

275. G. Abbiendi *et al.*, (OPAL Collaboration) “ *Transverse and Longitudinal Bose-Einstein Correlations in Hadronic Z^0 Decays* ”, E. Phys. J. **C16** (2000) 423.
276. G. Abbiendi *et al.*, (OPAL Collaboration) “ *QCD Studies with e^+e^- Annihilation Data at 172-189 GeV* ”, E. Phys. J. **C16** (2000) 185.
277. The LEP Collaborations ALEPH, DELPHI, L3 and OPAL and the SLD Collaboration, CERN-EP/2000-016, “ *A Combination of Preliminary Electroweak Measurements and Constraints on the Standard Model* ”.
278. G. Abbiendi *et al.*, (OPAL Collaboration) “ *Measurement of V_{cb} using $B^0 \rightarrow D^{*+}l^- \nu$ decays* ”, Phys. Lett. **B482** (2000) 15.
279. G. Abbiendi *et al.*, (OPAL Collaboration) “ *Photonic Events with Missing Energy in e^+e^- Collisions at $\sqrt{s} = 189$ GeV* ”, E. Phys. J. **C18** (2000) 253.
280. The LEP Collaborations ALEPH, DELPHI, L3 and OPAL, CERN-EP/2000-055, “ *Searches for Higgs Bosons: Preliminary Combined Results Using LEP Data Collected at Energies up to 202 GeV* ”.
281. G. Abbiendi *et al.*, (OPAL Collaboration) “ *A Measurement of the tau Mass and the First CPT Test with tau Leptons* ”, Phys. Lett. **B492** (2000) 23.
282. G. Abbiendi *et al.*, (OPAL Collaboration) “ *Searches for Prompt Light Gravitino Signatures in e^+e^- Collisions at $\sqrt{s} = 189$ GeV* ”, Phys. Lett. **B501** (2001) 12-27.
283. G. Abbiendi *et al.*, (OPAL Collaboration) “ *First Measurement of the Inclusive Branching Ratio of b Hadrons to ϕ Mesons in Z Decays* ”, Phys. Lett. **B492** (2000) 13.
284. G. Abbiendi *et al.*, (OPAL Collaboration) “ *Search for Trilinear Neutral Gauge Boson Couplings in $Z\gamma$ production at $\sqrt{s} = 189$ GeV at LEP* ”, E. Phys. J. **C17** (2000) 553.
285. G. Abbiendi *et al.*, (OPAL Collaboration) “ *Multiplicities of π^0 , η , K^0 and of Charged Particles in Quark and Gluon jets* ”, E. Phys. J. **C17** (2000) 373.
286. G. Abbiendi *et al.*, (OPAL Collaboration) “ *Production rates of $b\bar{b}$ quark pairs from gluons and $b\bar{b}b\bar{b}$ events in hadronic Z Decays* ”, E. Phys. J. **C8** (2001) 447-460.
287. G. Abbiendi *et al.*, (OPAL Collaboration) “ *Measurement of the low- x behaviour of the photon structure function F_2^γ* ”, E. Phys. J. **C18** (2000) 15.
288. G. Abbiendi *et al.*, (OPAL Collaboration) “ *A Study of One Prong Tau Decays with a Charged Kaon* ”, E. Phys. J. **C19** (2001) 653-665.
289. The LEP Collaborations ALEPH, DELPHI, L3 and OPAL, CERN-EP/2000-109, “ *Comparison of Deep Inelastic Electron-Photon Scattering Data with the Herwig and Phojet Monte Carlo Models* ”, E. Phys. J. **C19** (2001) 653-665.
290. G. Abbiendi *et al.*, (OPAL Collaboration) “ *Measurement of the B^0 Lifetime and Oscillation Frequency using $B^0 \rightarrow D^{*+}l^- \nu$ decays* ”, Phys. Lett. **B493** (2000) 266.
291. G. Abbiendi *et al.*, (OPAL Collaboration) “ *Two Higgs Doublet Model and Model Independent Interpretation of Neutral Higgs Boson Searches* ”, E. Phys. J. **C18** 18 (2001) 425-445.
292. G. Abbiendi *et al.*, (OPAL Collaboration) “ *Measurement of the Mass and Width of the W Boson in e^+e^- Collisions at 189 GeV* ”, Phys. Lett. **B507** (2001) 29-46.
293. G. Abbiendi *et al.*, (OPAL Collaboration) “ *W^+W^- Production Cross Section and W Branching Fractions in e^+e^- Collisions at 189 GeV* ”, Phys. Lett. **B493** (2000) 249.
294. G. Abbiendi *et al.*, (OPAL Collaboration) “ *A Measurement of the Rate of Charm Production in W Decays* ”, Phys. Lett. **B490** (2000) 71.
295. G. Abbiendi *et al.*, (OPAL Collaboration) “ *Measurement of W Boson Polarisation and CP-violating Triple Gauge Couplings from W^+W^- Production at LEP* ”, E. Phys. J. **C19** (2001) 229-240.

296. G. Abbiendi *et al.*, (OPAL Collaboration) “*Measurement of Triple Gauge Boson Couplings from W^+W^- Production at LEP Energies up to 189 GeV*”, E. Phys. J. **C19** (2001) 1-14.
297. G. Abbiendi *et al.*, (OPAL Collaboration) “*Charged Multiplicities in Z Decays into u, d, and s Quarks*”, E. Phys. J. **C19** (2001) 257-268.
298. G. Abbiendi *et al.*, (OPAL Collaboration) “*A Study of B_s Meson Oscillation using D_s -lepton Correlations*”, E. Phys. J. **C19** (2001) 241-256.
299. G. Abbiendi *et al.*, (OPAL Collaboration) “*Precise Determination of the Z Resonance Parameters at LEP : Zedometry*”, E. Phys. J. **C19** (2001) 587-651.
300. G. Abbiendi *et al.*, (OPAL Collaboration) “*Search for the Standard Model Higgs Boson in e^+e^- Collisions at $\sqrt{s} = 192\text{--}209$ GeV*”, Phys. Lett. **B499** (2001) 38-52.
301. G. Abbiendi *et al.*, (OPAL Collaboration) “*A Simultaneous Measurement of the QCD Colour Factors and the Strong Coupling*”, E. Phys. J. **C20** (2001) 601-615.
302. G. Abbiendi *et al.*, (OPAL Collaboration) “*A Search for a Narrow Radial Excitation of the $D^{*\pm}$ Meson*”, E. Phys. J. **C20** (2001) 445-454.
303. G. Abbiendi *et al.*, (OPAL Collaboration) “*Precision Neutral Current Asymmetry Parameter Measurements from the Tau Polarization at LEP*”, E. Phys. J. **C21** (2001) 1-21.
304. G. Abbiendi *et al.*, (OPAL Collaboration) “*Determination of the b Quark Mass at the Z Mass Scale*”, E. Phys. J. **C21** (2001) 411-422.
305. G. Abbiendi *et al.*, (OPAL Collaboration) “*Angular Analysis of the Muon Pair Asymmetry at LEP 1*”, Phys. Lett. **B516** (2001) 1-20.
306. G. Abbiendi *et al.*, (OPAL Collaboration), “*Search for lepton flavour violation in e^+e^- collisions at $\sqrt{s} = 189\text{--}209$ GeV*”, Phys. Lett. **B519** (2001) 23-32.
307. G. Abbiendi *et al.*, (OPAL Collaboration), “*Measurement of V_{ub} using b hadron semileptonic decay*”, E. Phys. J. **C21** (2001) 399-410.
308. G. Abbiendi *et al.*, (OPAL Collaboration), “*Measurement of the Branching Ratio for the Process $b \rightarrow \tau \bar{\nu}_{\tau} X$* ”, Phys. Lett. **B520** (2001) 1-10.
309. G. Abbiendi *et al.*, (OPAL Collaboration), “*Measurement of the Branching Ratio for $D_s \rightarrow \tau \nu_{\tau}$ Decays*”, Phys. Lett. **B516** (2001) 236-248.
310. G. Abbiendi *et al.*, (OPAL Collaboration), “*Search for Single Leptoquark and Squark Production in Electron-Photon Scattering at $\sqrt{s}_{ee} = 189$ GeV at LEP*”, E. Phys. J. **C23** (2002) 1-11.
311. G. Abbiendi *et al.*, (OPAL Collaboration), “*Search for Single Top Quark Production at LEP2*”, Phys. Lett. **B521** (2001) 181-194.
312. G. Abbiendi *et al.*, (OPAL Collaboration), “*Genuine Correlations of Like-Sign Particles in Hadronic Z^0 Decays*”, Phys. Lett. **B523** (2001) 35-52.
313. G. Abbiendi *et al.*, (OPAL Collaboration), “*Search for Doubly Charged Higgs Bosons with the OPAL detector at LEP*”, Phys. Lett. **B526** (2002) 221-232.
314. G. Abbiendi *et al.*, (OPAL Collaboration), “*Search for Leptoquarks in Electron-Photon Scattering at $\sqrt{s}_{ee}$ up to 209 GeV at LEP*”, Phys. Lett. **B526** (2002) 233-246.
315. E. Focardi *et al.*, “*The CMS Silicon Tracker*”, Nucl. Instr and Methd. **A435** (1999) 102-108.
316. G. Tonelli *et al.*, “*The R&D Program for Silicon Detectors in CMS*”, Nucl. Instr and Methd. **A435** (1999) 109-117.
317. S. Albergo *et al.*, “*Comparative Study of (111) and (100) Crystals and Capacitance Measurements on Si Strip Detectors in CMS*”, Nuovo Cim. **112A** (1999) 1261-1269.

318. S. Albergo *et al.*, “High-Voltage Breakdown Studies on Si Microstrip Detectors”, *Nuovo Cim.* **112A** (1999) 1271-1283.
319. S. Albergo *et al.*, “The Silicon Microstrip Tracker for CMS”, *Nuovo Cim.* **112A** (1999) 1307-1316.
320. D. Pandoulas *et al.*, “The Silicon Microstrip Tracker for CMS”, *Nucl. Phys. Proc. Suppl.* **78** (1999) 315-321.
321. L. Feld *et al.*, “R&D for the CMS Silicon Tracker”, *Nucl. Phys. Proc. Suppl.* **78** (1999) 322-328.
322. M. Meschini *et al.*, “Performance of CMS Silicon Microstrip Detectors with the APV6 Readout Chip”, *Nucl. Instr and Methd.* **A447** (2000) 133-141.
323. N. Demaria *et al.*, “New Results on Silicon Microstrip Detectors of CMS Tracker”, *Nucl. Instr and Methd.* **A447** (2000) 142-150.
324. E. Focardi *et al.*, “The CMS Silicon Tracker”, *Nucl. Instr and Methd.* **A453** (2000) 121-125.
325. C. Bozzi *et al.*, “Test Results on Heavily Irradiated Silicon Detectors for the CMS Experiment at LHC”, *IEEE Trans. Nucl. Sci.* **47** (2000) 2092-2100.
326. S. Albergo *et al.*, “Optimization of the Silicon Sensors for the CMS Tracker”, *Nucl. Instr and Methd.* **A466** (2001) 300-307.
327. C. Civinini *et al.*, “CMS Silicon Tracker Developments”, *Nucl. Instr and Methd.* **A477** (2002) 440-445.
328. G. Abbiendi *et al.*, (OPAL Collaboration), “Investigation of the Decay of Orbitally-Excited B Mesons and First Measurement of the Branching Ratio $BR(B_J^* \rightarrow B^* \pi(X))$ ”, *E. Phys. J.* **C23** (2002) 437-454.
329. G. Abbiendi *et al.*, (OPAL Collaboration), “Measurement of Z/gamma* production in Compton scattering of quasi-real photons”, *E. Phys. J.* **C24** (2002) 1-10.
330. G. Abbiendi *et al.*, (OPAL Collaboration) “Measurement of the Hadronic Cross-Section for the Scattering of Two Virtual Photons at LEP”, *E. Phys. J.* **C24** (2002) 17-31.
331. G. Abbiendi *et al.*, (OPAL Collaboration), “Particle Multiplicity of Unbiased Gluon Jets from e^+e^- three-jet Events”, *E. Phys. J.* **C23** (2002) 597-613.
332. G. Abbiendi *et al.*, (OPAL Collaboration), “Search for Yukawa Production of a Light Neutral Higgs Boson at LEP”, *E. Phys. J.* **C23** (2002) 397-407.
333. G. Abbiendi *et al.*, (OPAL Collaboration), “Measurement of the Hadronic Photon Structure Function F_2^γ at LEP2”, *Phys. Lett.* **B533** (2002) 207-222.
334. G. Abbiendi *et al.*, (OPAL Collaboration), “Measurement of the Mass of the W Boson in e^+e^- Collisions using the Fully Leptonic Channel”, *E. Phys. J.* **C26** (2003) 321-330.
335. G. Abbiendi *et al.*, (OPAL Collaboration), “Measurement of the Charm Structure Function $F_{2,c}$ of the Photon at LEP”, *Phys. Lett.* **B539** (2002) 13-24.
336. G. Abbiendi *et al.*, (OPAL Collaboration), “Decay-mode Independent Searches for New Scalar Bosons with the OPAL Detector at LEP”, *E. Phys. J.* **C27** (2003) 311-329.
337. G. Abbiendi *et al.*, (OPAL Collaboration), “Search for Charged Excited Leptons in e^+e^- Collisions at $\sqrt{s} = 183-209$ GeV”, *Phys. Lett.* **B544** (2002) 57-72.
338. G. Abbiendi *et al.*, (OPAL Collaboration), “Search for Associated Production of Massive States Decaying into Two Photons in e^+e^- Annihilation at $\sqrt{s} = 88-209$ GeV”, *Phys. Lett.* **B544** (2002) 44-56.
339. G. Abbiendi *et al.*, (OPAL Collaboration), “Measurement of Neutral-Current Four-Fermion Production at LEP2”, *Phys. Lett.* **B544** (2002) 259-273.
340. S. Braibant *et al.*, “Investigation of design parameters for radiation hard silicon microstrip detectors”, *Nucl. Inst. Meth.* **A485** (2002) 343-361.

341. G. Abbiendi *et al.*, (OPAL Collaboration), “*Inclusive Analysis of the b Quark Fragmentation Function in Z Decays at LEP*”, E. Phys. J. **C29** (2003) 463-478.
342. G. Abbiendi *et al.*, (OPAL Collaboration), “*Search for Scalar Top and Scalar Bottom Quarks at LEP*”, Phys. Lett. **B545** (2002) 272-284.
343. G. Abbiendi *et al.*, (OPAL Collaboration), “*Measurement of the b Quark Forward-Backward Asymmetry around the Z^0 Peak Using an Inclusive Tag*”, Phys. Lett. **B546** (2002) 29-47.
344. G. Abbiendi *et al.*, (OPAL Collaboration), “*Charged Particle Momentum Spectra in e^+e^- Annihilation at $\sqrt{s} = 192\text{--}209$ GeV*”, E. Phys. J. **C27** (2003) 467-481.
345. G. Abbiendi *et al.*, (OPAL Collaboration), “*Multi-Photon Production in e^+e^- Collisions at 181 - 209 GeV*”, E. Phys. J. **C26** (2003) 331-344.
346. G. Abbiendi *et al.*, (OPAL Collaboration), “*Measurement of the Cross-Section for the Process $\gamma - \gamma \rightarrow p\bar{p}$ at $\sqrt{s}_{ee} = 183\text{--}189$ GeV at LEP*”, E. Phys. J. **C28** (2003) 45-54.
347. G. Abbiendi *et al.*, (OPAL Collaboration), “*Search for a Low Mass CP-odd Higgs Boson in e^+e^- Collisions with the OPAL detector at LEP2*”, E. Phys. J. **C27** (2003) 483-495.
348. G. Abbiendi *et al.*, (OPAL Collaboration), “*Search for Nearly Mass Degenerate Charginos and Neutralinos at LEP*”, E. Phys. J. **C29** (2003) 479-489.
349. G. Abbiendi *et al.*, (OPAL Collaboration), “*Search for the Standard Model Higgs Boson with the OPAL Detector at LEP*”, E. Phys. J. **C26** (2003) 479-503.
350. G. Abbiendi *et al.*, (OPAL Collaboration), “*Charged Particle Multiplicities in Heavy and Light Quark Initiated Events above the Z^0 Peak*”, Phys. Lett. **B550** (2002) 33-46.
351. G. Abbiendi *et al.*, (OPAL Collaboration), “*A Measurement of the $\tau \rightarrow \mu\nu\nu$ Branching Ratio*”, Phys. Lett. **B551** (2003) 35-48.
352. G. Abbiendi *et al.*, (OPAL Collaboration), “*A Measurement of Semileptonic B Decays to Narrow Orbitally-Excited Charm Mesons*”, E. Phys. J. **C30** (2003) 467-475.
353. G. Abbiendi *et al.*, (OPAL Collaboration), “*Di-Jet Production in Photon-Photon collisions at $\sqrt{s}_{ee}$ from 189 to 209 GeV*”, E. Phys. J. **C31** (2003) 307-325.
354. G. Abbiendi *et al.*, (OPAL Collaboration), “*Bose-Einstein Correlations of π^0 pairs from hadronic Z^0 Decays*”, Phys. Lett. **B559** (2003) 131-143.
355. G. Abbiendi *et al.*, (OPAL Collaboration), “*Test of Non-Commutative QED in the Process e^+e^- to $\gamma\gamma$ at LEP*”, Phys. Lett. **B568** (2003) 181-190.
356. The LEP Collaborations ALEPH, DELPHI, L3, OPAL, The LEP working Group for Higgs Boson Searches, “*Search for the Standard Model Higgs Boson at LEP*”, Phys. Lett. **B565** (2003) 61-75.
357. G. Abbiendi *et al.*, (OPAL Collaboration), “*Search for Stable and Long-Lived Massive Charged Particles in e^+e^- Collisions at $\sqrt{s} = 183\text{--}209$ GeV*”, Phys. Lett. **B572** (2003) 8-20.
358. G. Abbiendi *et al.*, (OPAL Collaboration), “*Search for Pair-Produced Leptoquarks in e^+e^- Interactions at $\sqrt{s} = 189\text{--}209$ GeV*”, E. Phys. J. **C31** (2003) 281-305.
359. G. Abbiendi *et al.*, (OPAL Collaboration), “*Measurement of Isolated Prompt Photon Production in Photon-Photon Collisions at $\sqrt{s}_{ee} = 183\text{--}209$ GeV*”, E. Phys. J. **C31** (2003) 491-502.
360. G. Abbiendi *et al.*, (OPAL Collaboration), “*Tests of Models of Color Reconnection and a Search for Glueballs using Gluon jets with a Rapidity Gap*”, E. Phys. J. **C35** (2004) 293-312.
361. G. Abbiendi *et al.*, (OPAL Collaboration), “*Search for R-Parity Violating Decays of Scalar Fermions at LEP*”, E. Phys. J. **C33** (2004) 149-172.

- 362. G. Abbiendi *et al.*, (OPAL Collaboration), “A Study of $W^+ W^- \gamma$ Events at LEP”, Phys. Lett. **B580** (2004) 17-36.
- 363. G. Abbiendi *et al.*, (OPAL Collaboration), “A Study of charm Production in beauty Decays with the OPAL detector at LEP”, E. Phys. J. **C33** (2004) 149-158.
- 364. G. Abbiendi *et al.*, (OPAL Collaboration), “Measurement of Heavy Quark Forward-Backward Asymmetries and Average B Mixing Using Leptons in Hadronic Z Decays”, Phys. Lett. **B577** (2003) 18-36.
- 365. G. Abbiendi *et al.*, (OPAL Collaboration), “Study of Z Pair Production and Anomalous Couplings in e^+e^- Collisions at $\sqrt{s}$ between 190 GeV and 209 GeV”, E. Phys. J. **C32** (2004) 303-322.
- 366. G. Abbiendi *et al.*, (OPAL Collaboration), “Search for Anomalous Production of Di-lepton Events with Missing Transverse Momentum in e^+e^- Collisions at $\sqrt{s} = 183\text{-}209$ GeV”, E. Phys. J. **C32** (2004) 453-473.
- 367. G. Abbiendi *et al.*, (OPAL Collaboration), “Search for the Single Production of Doubly-Charged Higgs Bosons and Constraints on their Couplings from Bhabha Scattering”, Phys. Lett. **B577** (2003) 93-108.
- 368. G. Abbiendi *et al.*, (OPAL Collaboration), “Measurement of Charged Current Triple Gauge Boson Couplings using W Pairs at LEP”, E. Phys. J. **C32** (2004) 463-476.
- 369. G. Abbiendi *et al.*, (OPAL Collaboration), “Tests of the Standard Model and Constraints on New Physics from Measurements of Fermion-Pair Production at 189-209 GeV at LEP”, E. Phys. J. **C33** (2004) 173-212.
- 370. G. Abbiendi *et al.*, (OPAL Collaboration), “Experimental Studies of Unbiased gluon jets from e^+e^- Annihilations using the jet Boost Algorithm”, Phys. Rev. **D69** (2004) 032002.
- 371. G. Abbiendi *et al.*, (OPAL Collaboration), “Flavour Independent Search for Higgs bosons Decaying into Hadronic Final States in e^+e^- Collisions at LEP”, Phys. Lett. **B597** (2004) 11-25.
- 372. G. Abbiendi *et al.*, (OPAL Collaboration), “Measurement of the Partial Widths of the Z into up- and down-type Quarks”, Phys. Lett. **B586** (2004) 167-182.
- 373. G. Abbiendi *et al.*, (OPAL Collaboration), “Search for Chargino and Neutralino Production at $\sqrt{s} = 192\text{-}209$ GeV at LEP”, E. Phys. J. **C35** (2004) 1-20.
- 374. G. Abbiendi *et al.*, (OPAL Collaboration), “ W Boson Polarisation at LEP2”, Phys. Lett. **B585** (2004) 223-236.
- 375. G. Abbiendi *et al.*, (OPAL Collaboration), “Constraints on Anomalous Quartic Gauge Boson Couplings from $\nu\nu$ gamma gamma and qq gamma gamma Events at LEP2”, Phys. Rev. **D70** (2004) 032005.
- 376. G. Abbiendi *et al.*, (OPAL Collaboration), “Measurement of the Strange Spectral Function in Hadronic tau Decays”, E. Phys. J. **C35** (2004) 437-455.
- 377. G. Abbiendi *et al.*, (OPAL Collaboration), “Scaling violations of quark and gluon jet fragmentation functions in e^+e^- annihilations at $\sqrt{s} = 91.2$ and 183-209 GeV”, E. Phys. J. **C37** (2004) 25-47.
- 378. G. Abbiendi *et al.*, (OPAL Collaboration), “Study of Bose-Einstein Correlations in $e^+e^- \rightarrow W^+ W^-$ Events at LEP”, E. Phys. J. **C36** (2004) 297-308.
- 379. G. Abbiendi *et al.*, (OPAL Collaboration), “Search for Neutral Higgs Bosons in CP-Conserving and CP-Violating MSSM Scenarios”, E. Phys. J. **C37** (2004) 49-78.
- 380. G. Abbiendi *et al.*, (OPAL Collaboration), “Multi-Photon Events with Large Missing Energy in e^+e^- Collisions at $\sqrt{s} = 192\text{-}209$ GeV”, Phys. Lett. **B602** (2004) 167-179.
- 381. G. Abbiendi *et al.*, (OPAL Collaboration), “Flavour Independent hA Search and Two Higgs Doublet Model Interpretation of Neutral Higgs Boson Searches at LEP”, E. Phys. J. **C40** (2005) 317-332.
- 382. G. Abbiendi *et al.*, (OPAL Collaboration), “Determination of the LEP Beam Energy using Radiative Fermion-pair Events”, Phys. Lett. **B604** (2004) 31-47.
- 383. G. Abbiendi *et al.*, (OPAL Collaboration), “Search for Radions at LEP2”, Phys. Lett. **B609** (2005) 20-34.

- 384. G. Abbiendi *et al.*, (OPAL Collaboration), “*Measurement of event shape distributions and moments in $e^+e^- \rightarrow$ hadrons at 91-209 GeV and a determination of α_s* ”, E. Phys. J. **C40** (2005) 287-316.
- 385. G. Abbiendi *et al.*, (OPAL Collaboration), “*Measurements of R_b in e^+e^- collisions at 182-209 GeV*”, Phys. Lett. **B609** (2005) 212-225.
- 386. G. Abbiendi *et al.*, (OPAL Collaboration), “*Measurement of the running of the QED coupling in small-angle Bhabha scattering at LEP*”, E. Phys. J. **C45** (2006) 1-21.
- 387. G. Abbiendi *et al.*, (OPAL Collaboration), “*Determination of α_s Using Jet Rates at LEP with the OPAL Detector*”, E. Phys. J. **C45** (2006) 547-568.
- 388. G. Abbiendi *et al.*, (OPAL Collaboration), “*Searches for Gauge-Mediated Supersymmetry Breaking Topologies in e^+e^- Collisions at LEP2*”, E. Phys. J. **C46** (2006) 307-341.
- 389. G. Abbiendi *et al.*, (OPAL Collaboration), “*Measurement of the mass and width of the W boson*”, E. Phys. J. **C45** (2006) 307-335.
- 390. G. Abbiendi *et al.*, (OPAL Collaboration), “*Colour reconnection in $e^+e^- \rightarrow W^+W^-$ at $\sqrt{s}=189-209$ GeV*”, E. Phys. J. **C45** (2006) 291-305.
- 391. G. Abbiendi *et al.*, (OPAL Collaboration), “*Measurement of the Strong Coupling α_s from Four-Jet Observables in e^+e^- annihilation*”, E. Phys. J. **C47** (2006) 295-307.
- 392. G. Abbiendi *et al.*, (OPAL Collaboration), “*QCD coherence and correlations of particles with restricted momenta in hadronic Z decays*”, Phys. Lett. **B638** (2006) 30-38.
- 393. S. Schael *et al.*, (ALEPH, DELPHI, L3 and OPAL Collaborations), “*Search for Neutral MSSM Higgs Bosons at LEP*”, E. Phys. J. **C47** (2006) 547-587.
- 394. The ALEPH, DELPHI, L3, OPAL and SLD collaborations, the LEP Electroweak Working Group, the SLD electroweak heavy flavour groups, “*Precision Electroweak Measurements on the Z Resonance*”, Phys. Repts. **427** (2006) 5-6.

2. Publications Submitted to Refereed Journals

1. The LEP Collaborations ALEPH, DELPHI, L3 and OPAL and the SLD Collaboration, CERN-EP/2000-096, “*Combined Results on b -hadron Production Rates, Lifetimes, Oscillations and Semileptonic Decays*”.
2. The LEP Collaborations ALEPH, DELPHI, L3 and OPAL, CERN-EP/2001-153, “*Combination Procedure for the Precise Determination of Z Boson Parameters from Results of the LEP Experiments*”,
3. The LEP Collaborations ALEPH, DELPHI, L3 and OPAL, the LEP Electroweak Working group and SLD Heavy Flavour and Electroweak Groups, CERN-EP/2001-021, “*A Combination of Preliminary Electroweak Measurements and Constraints on the Standard Model*”.
4. The ALEPH, CDF, DELPHI, L3, OPAL and SLD collaborations, CERN-EP/2001-050, “*Combined results on b -hadron production rates and decay properties*”.
5. The LEP Collaborations ALEPH, DELPHI, L3, OPAL, the LEP Electroweak Working Group, and the SLD Heavy Flavour and Electroweak Groups, CERN-EP/2001-098, “*A Combination of Preliminary Electroweak Measurements and Constraints on the Standard Model*”.
6. The LEP Collaborations ALEPH, DELPHI, L3, OPAL and the LEP Electroweak Working Group, CERN-EP/2005-XXX, “*A Combination of Preliminary Electroweak Measurements and Constraints on the Standard Model*”,
7. G. Abbiendi *et al.*, (OPAL Collaboration), CERN-EP/2006-, “*Search for Invisibly Decaying Higgs Bosons with Large Decay Width Using the OPAL Detector at LEP*”, Accepted by Euro. Phys. J.
8. G. Abbiendi *et al.*, (OPAL Collaboration), CERN-EP/2006-XXX, “*Inclusive Production of Charged Hadrons in Photon-Photon Collisions*”, Submitted to Phys. Lett. B.

3. Contributions to Conferences and Invited Talks

1. S. Braibant, “*Preliminary Design of a 2D Prototype for Graphics Event Display. Feasibility tests*”, Communication to the Belgian Physics Society (1986), Internal Report of the University of Mons-Hainaut, PNPE 263.
2. S. Braibant, “*Phénoménologie de la Recherche de Nouvelles Particules au LEP I*”, Communication to the Belgian Physics Society (1987), Internal Report of the University of Mons-Hainaut, PNPE 276.
3. S. Braibant, “*Search for the Standard Model Higgs Boson*”, Poster presented to the Belgian Physics Society (1989).
4. P. Abreu *et al.*, (DELPHI Collaboration) “*Search for Higgs Bosons Using the DELPHI Detector*”, CERN-PPE/90-163, Contribution to the Int. Conf. on High Energy Physics, Singapore, 1990.
5. S. Braibant *et al.*, “*Search for the Standard Model Neutral Higgs Boson*”, DELPHI report 92-101 PHYS 209, Contribution to the Int. Conf. on High Energy Physics, Dallas, USA, 5-12 August 1992.
6. S. Braibant *et al.*, “*Search for the Standard Model Neutral Higgs Boson in Z^0 Decays*”, Contribution to the Int. Europhysics Conf. on High Energy Physics EPS HEP 93, Marseille, France, 22-28 July 1993.
7. S. Braibant, “*Heavy Flavour Physics with the OPAL detector*”, Poster presented to the Conference Heavy Flavour Physics 95, Pisa, 6-10 June 1995 and to the 4th Int. School on non Accelerator Particle Astrophysics, Trieste, 17-28 July 1995.

8. S. Braibant “ B^0 , B^+ , B_s^0 and Λ_b^0 Lifetimes at LEP”, Invited Talk to the Conference Production and Decay of Hyperons, Charm and Beauty Hadrons”, Strasbourg, France, 5-8 Sept. 1995., Nuclear Phys. (Proc. Suppl.) **50 B** (1996) 63-70, OPAL CR-231.
9. S. Braibant “OPAL Silicon Microvertex Radiation Monitors and Beam Dump System”, Invited Talk to the Conference Sixth Topical Seminar on Experimental Apparatus for Particle Physics and Astrophysics, San Miniato, Italy, 21-24 May 1996, Nuclear Phys. (Proc. Suppl.) **54 B** (1997) 299-304, OPAL CR-274.
10. S. Braibant “Search for Charged Scalar Leptons Using the OPAL Detector at $\sqrt{s} = 161$ GeV”, Invited Talk to the Conference Division of Particle and Fields, Minneapolis, USA, 10-16 August 1996, OPAL CR-257.
11. S. Braibant “Search for Scalar Fermions at LEP2”, Invited Talk to the Conference Beyond the Standard Model 5, Balholm, Norvegia, 29 Aprile-4 Maggio 1997, AIP Conf. proceedings **415** pag. 368, OPAL CR-326.
12. S. Braibant “Searches for SUSY Particles at LEP2”, Invited Talk to the Second Latin American Symposium on High Energy Physics, S. Juan, Portorico, 8-11 Aprile 1998, AIP Conf. proceedings **444** pag. 211-222, OPAL CR-363.
13. S. Braibant “Searches for R-Parity Violating SUSY at LEP”, Invited Talk to the Conference SUSY99, Fermilab, USA, 14-19 June 1999.
14. S. Braibant “SUSY Searches at LEP”, Invited Talk to the Conference DIS2000, Liverpool, UK, 25-30 April 2000, Liverpool 2000, Deep Inelastic Scattering 491-494.
15. S. Braibant “Other Searches at LEP”, Invited Talk to the Conference XXXVth Rencontres de Moriond, Les Arcs, France, 17-25 March 2001, to be published by World Scientific.
16. S. Braibant “Search for SUSY at LEP”, Invited Talk to the Conference XXXVIIIth Rencontres de Moriond, Les Arcs, France, 22-29 March 2003, to be published by World Scientific.
17. S. Braibant, G. Giacomelli and M. Hauschild “New Physics Searches at LEP”, Invited Talk to the XXXIInd International Conference on High-Energy Physics (ICHEP-04), Beijing, China, 16-22 August 2004, Vol. 2 1316-1319.

4. Reports, Internal Reports

1. S. Braibant, “*Design and Development of an Automatic Pattern Recognition Program for the Forward Region of the DELPHI Detector at the LEP Collider*”, “Licence Thesis” (1985).
2. S. Braibant, “*Interactive Analysis of e^+e^- Interactions in the DELPHI Detector at LEP: Tools and Environment Developed for the Physicist*”, University of Mons-Hainaut, PNPE 280 (1987).
3. S. Braibant, Ph. Herquet, “*Tests of a 2D Prototype for Interactive Event Display*”, DELPHI report 86-54 PROG 50 (1986).
4. S. Braibant, *et al.*, “*Event Viewing Software. Installation Procedure and User Manual*”, DELPHI report 89-6 PROG 126 (1989).
5. S. Braibant, *et al.*, “*Detector Dependent Graphics Implementation. Guide Lines*”, DELPHI report 89-9 PROG 128 (1989).
6. S. Braibant, “*Search for the Standard Model Higgs Boson in e^+e^- Collisions with the DELPHI Detector*”, Ph. D. Thesis (1992).
7. S. Braibant, Notes of the course “*Numerical Analysis Exercises*”, (1991).
8. S. Braibant, Notes of the course “*Computing Laboratories: FORTRAN 77*”, (1991).
9. S. Braibant, Notes of the course “*Computing Laboratories: FORTRAN 90*”, (1992).
10. S. Braibant *et al.*, “*Search for Exclusive Λ_b decays using the OPAL Detector at LEP*”, OPAL Physics Note PN164 (1995).
11. S. Braibant *et al.*, “*Search for Charged Scalar Leptons Using the OPAL Detector at $\sqrt{s} = 130-136$ GeV at LEP*”, OPAL Physics Note PN219 (1995).
12. S. Braibant *et al.*, “*Selection of Events with Acoplanar Lepton Pairs Using the OPAL Detector at $\sqrt{s} = 161$ GeV at LEP*”, OPAL Physics Note PN241 (1996).
13. S. Braibant *et al.*, “*Selection of Events with Acoplanar Lepton Pairs Using the Complete Data Sample at $\sqrt{s} = 161$ GeV*”, OPAL Physics Note PN264 (1996).
14. S. Braibant *et al.*, “*Update on the Search for Charged Scalar Leptons at $\sqrt{s} = 172$ GeV at LEP*”, OPAL Technical Note TN445 (1995).
15. S. Braibant *et al.*, “*Radiation Monitoring and Beam Dump System of the OPAL Silicon Microvertex Detector*”, OPAL Technical Note TN471 (1997).
16. S. Braibant *et al.*, “*Searches for R-Parity Violating Decays of Supersymmetric Particles with the OPAL Detector at LEP*”, OPAL Physics Note PN307 (1997).
17. S. Braibant *et al.*, “*Searches for R-Parity Violating Decays of Charginos and Stop Quarks at 183 GeV*”, OPAL Physics Note PN325 (1997).
18. S. Braibant *et al.*, “*An Update on the Searches for R-Parity Violating Decays of Charginos and Stop Quarks at 183 GeV*”, OPAL Physics Note PN335 (1998).
19. S. Braibant *et al.*, “*Searches for R-Parity Violating Decays of Gauginos at 183 GeV at LEP*”, OPAL Physics Note PN356 (1998).
20. S. Braibant *et al.*, “*Searches for R-Parity Violating Decays of Sfermions at LEP*”, OPAL Physics Note PN359 (1998).
21. S. Braibant *et al.*, “*Searches for R-Parity Violating Decays of Supersymmetric Particles with λ Couplings at $\sqrt{s} = 189$ GeV at LEP*”, OPAL Physics Note PN394 (1999).
22. OPAL Particle Searches Working Group, “*New Particle Searches in e^+e^- Collisions at $\sqrt{s} = 192-196$ GeV*”, OPAL Physics Note PN398 (1999).

23. S. Braibant *et al.*, “*Searches for R-Parity Violating Decays of Sfermions and Gauginos via λ' and λ Couplings at $\sqrt{s} = 189$ GeV at LEP*”, OPAL Physics Note PN411 (1999).
24. OPAL Particle Searches Working Group, “*New Particle Searches in e^+e^- Collisions at $\sqrt{s} = 192$ -196 GeV*”, OPAL Physics Note PN413 (1999).
25. OPAL Particle Searches Working Group, “*New Particle Searches in e^+e^- Collisions at $\sqrt{s} = 192$ -202 GeV*”, OPAL Physics Note PN418 (1999).
26. S. Braibant *et al.*, “*Search for Stable and Long-Lived Massive Charged Particles in e^+e^- Collisions at $\sqrt{s} = 130$ -189 GeV at LEP*”, OPAL Physics Note PN395 (1999).
27. S. Braibant *et al.*, “*Investigation of design parameters and choice of substrate resistivity and crystal orientation for the CMS silicon microstrip detector*”, CMS Note-2000/011.
28. S. Braibant *et al.*, “*Test-beam Results on $< 100 >$ Silicon Prototype Detectors with APV6 Front-End Chip Readout*”, CMS Note-2000/050.
29. OPAL Particle Searches Working Group, “*New Particle Searches in e^+e^- Collisions at $\sqrt{s} = 200$ -209 GeV*”, OPAL Physics Note PN435 (2000).
30. OPAL Particle Searches Working Group, “*New Particle Searches in e^+e^- Collisions at $\sqrt{s} = 200$ -209 GeV*”, OPAL Physics Note PN459 (2000).
31. OPAL Particle Searches Working Group, “*New Particle Searches in e^+e^- Collisions at $\sqrt{s} = 200$ -209 GeV*”, OPAL Physics Note PN461 (2000).
32. OPAL Particle Searches Working Group, “*New Particle Searches in e^+e^- Collisions at $\sqrt{s} = 200$ -209 GeV*”, OPAL Physics Note PN466 (2000).
33. S. Braibant, P. Giacomelli and M. Giunta, “*A PVSS Application for the High Voltage Control System of the Muon DT Chambers at the IST: User Manual*”, CMS IN-2003/047 (2003).
34. S. Braibant, P. Giacomelli and M. Giunta, “*A PVSS Application for the Slow Control System of SY1527 Power Supply System of the Muon DT Chambers*”, CMS IN-2004/030 (2004).