

List of Publications

Ralph Assmann

1. PRELIMINARY BEAM-BASED SPECIFICATIONS FOR THE LHC COLLIMATORS.
R. Assmann et al (17 authors).
LHC Project Note 277.
2. A BRIEF HISTORY OF THE LEP COLLIDER.
R. Assmann, M. Lamont, S. Myers.
Invited talk 7th Topical Seminar On The Legacy Of LEP And SLC (Siena 2001), 8-11 Oct 2001, Siena, Italy. To be published in Nucl. Phys. B (Proc. Suppl.).
3. ENERGY DOUBLER FOR A LINEAR COLLIDER.
S. Lee et al (16 authors).
Phys. Rev. Spec. Top. Accel. Beams **5** (2002) , pp.011001.
4. LEP LUMINOSITY REVISITED: DESIGN AND REALITY.
R. Assmann.
Invited talk at the 2nd Asian Part. Acc. Conf. (APAC'01),17-21 Sep 2001, Beijing, China.
5. STATUS OF ROBUSTNESS STUDIES FOR THE LHC COLLIMATION.
R. Assmann, J.B. Jeanneret, D. Kaltchev.
Proc. 2nd Asian Part. Acc. Conf. (APAC'01),17-21 Sep 2001, Beijing, China.
6. BOUNDARY EFFECTS: REFRACTION OF A PARTICLE BEAM.
P. Muggli et al. (19 authors).
Nature **411**, 43 (2001).
7. ELECTRON-POSITRON COLLISIONS AT 209 GEV IN LEP.
R. Assmann et al (12 authors).
Proc. IEEE Particle Accelerator Conference (PAC2001), Chicago, IL, USA, 18-22 Jun 2001, p. 356.
8. THE CLIC STUDY OF MAGNET STABILITY AND TIME-DEPENDENT LUMINOSITY PERFORMANCE.
M. Aleksa et al. (12 authors).
Proc. IEEE Particle Accelerator Conference (PAC 2001), Chicago, IL, USA, 18-22 Jun 2001, p. 3774. CERN-SL-2001-045-AP. CLIC-Note-495.
9. LESSONS LEARNED FROM LEP.
M. Lamont, R. Assmann, B. Goddard.
Proc. IEEE Particle Accelerator Conference (PAC2001), Chicago, IL, USA, 18-22 Jun 2001, p. 3502.

10. OBSERVATION OF SPONTANEOUS EMITTED X-RAY BETATRON RADIATION IN BEAM-PLASMA INTERACTIONS.
C. Joshi et al. (18 authors).
Proc. IEEE Particle Accelerator Conference (PAC2001), Chicago, IL, USA, 18-22 Jun 2001, p. 3999.

11. AN E+E- COLLIDER IN THE VLHC TUNNEL.
J. Norem et al. (18 authors).
Proc. IEEE Particle Accelerator Conference (PAC2001), Chicago, IL, USA, 18-22 Jun 2001, p. 3493.

12. OVERVIEW OF THE CLIC COLLIMATION DESIGN.
R. Assmann et al. (9 authors).
Proc. IEEE Particle Accelerator Conference (PAC2001), Chicago, IL, USA, 18-22 Jun 2001, p. 4071. CERN-SL-2001-036-AP. CLIC-Note-493.

13. STATUS OF THE PLASMA WAKEFIELD ACCELERATION EXPERIMENT AT THE STANFORD LINEAR ACCELERATOR CENTER.
P. Muggli et al. (18 authors).
Proc. IEEE Particle Accelerator Conference (PAC2001), Chicago, IL, USA, 18-22 Jun 2001, p. 122.

14. TEST OF THE ELECTRON HOSE INSTABILITY IN THE E157 EXPERIMENT.
C. Joshi et al. (17 authors).
Proc. IEEE Particle Accelerator Conference (PAC2001), Chicago, IL, USA, 18-22 Jun 2001, p. 4002.

15. POLARIZATION ISSUES AT CLIC.
R. Assmann and F. Zimmermann.
Proc. of the APS/DPF/DPB Summer Study on the Future of Particle Physics (Snowmass 2001), ed. R. Davidson and C. Quigg, CERN-SL-2001-064-AP.

16. MEASUREMENTS OF RADIATION NEAR AN ATOMIC SPECTRAL LINE FROM THE INTERACTION OF A 30-GEV ELECTRON BEAM AND A LONG PLASMA.
P. Catravas et al. (20 authors).
Phys. Rev. E **64**, 046502 (2001).

17. COLLECTIVE REFRACTION OF A BEAM OF ELECTRONS AT A PLASMA GAS INTERFACE.
P. Muggli et al. (19 authors).
Phys. Rev. ST Accel. Beams **4**, 091301 (2001).

18. EQUILIBRIUM DEGREE OF RADIATIVE SPIN POLARIZATION IN A VERY LARGE LEPTON COLLIDER.
R. Assmann.
Prepared for Workshop on an e+ e- Ring at VLHC, Chicago, Illinois, 9-11 Mar 2001. FERMILAB-CONF-01-107-T.

19. WORKSHOP ON AN E+E- COLLIDER IN THE VLHC TUNNEL.
J. Norem et al. (13 authors).

Contributed to Workshop on an e+ e- Ring at VLHC, Chicago, Illinois, 9-11 Mar 2001. FERMILAB-CONF-01-107-T.

20. LEP OPERATION AND PERFORMANCE WITH ELECTRON-POSITRON COLLISIONS AT 209 GEV.
R. Assmann.
Proc. Workshop on LHC (Chamonix XI), Chamonix, France, 15-19 Jan 2001. Ed. by J. Poole and M. Truchet. CERN-SL-2001-003 DI.
21. EMITTANCE OPTIMIZATION WITH DISPERSION FREE STEERING AT LEP.
R. Assmann, P. Raimondi, G. Roy, J. Wenninger.
Phys. Rev. Spec. Top. Accel. Beams **3** (2000) , pp.121001. CERN-SL-2000-078-OP.
22. SPIN DYNAMICS IN LEP WITH 40-GEV - 100-GEV BEAMS.
R. Assmann et al. (13 authors).
Proc. 14th International Spin Physics Symposium (SPIN 2000), 16-21 Oct 2000, Osaka, Japan.
Edited by K. Hatanaka, T. Nakano, K. Imai, H. Ejiri. AIP Conference Proceedings - June 1, 2001 - Volume 570, Issue 1 pp. 169-178.
23. A 3 TEV E^+E^- LINEAR COLLIDER BASED ON CLIC TECHNOLOGY.
R. Assmann et al. (45 authors).
Yellow report CERN-2000-008.
24. E-157: A PLASMA WAKEFIELD ACCELERATION EXPERIMENT.
P. Muggli et al. (17 authors).
Proc. of the 20th Intl. Linac Conference LINAC 2000, ed. A.W. Chao. SLAC-PUB-8656.
25. CLIC : A TWO-BEAM MULTI-TEV e^+e^- LINEAR COLLIDER.
J.P. Delahaye et al. (43 authors).
Proc. of the 20th Intl. Linac Conference LINAC 2000, ed. A.W. Chao. CERN-PS-2000-047-RF.
CLIC-Note-450.
26. LUMINOSITY AND BEAM MEASUREMENTS USED FOR PERFORMANCE OPTIMISATION IN THE LEP COLLIDER.
R. Assmann et al. (11 authors).
Proc. 7th European Part. Acc. Conf. (EPAC2000), Vienna, Austria, 26-30 Jun 2000, p. 397.
CERN-SL-2000-047-OP.
27. SLC - THE END GAME.
P. Raimondi et al. (16 authors).
Proc. 7th European Part. Acc. Conf. (EPAC2000), Vienna, Austria, 26-30 Jun 2000, p. 18.
28. STABILITY CONSIDERATIONS FOR FINAL FOCUS SYSTEMS OF FUTURE LINEAR COLLIDERS.
R. Assmann et al. (16 authors).
Proc. 7th European Part. Acc. Conf. (EPAC2000), Vienna, Austria, 26-30 Jun 2000, p. 447.

CERN-SL-2000-059-OP. CLIC-Note-448.

29. A METHOD FOR SIMULTANEOUS OPTIMISATION OF ORBIT AND DISPERSION IN STORAGE RINGS.
R. Assmann, P. Raimondi, G. Roy, J. Wenninger.
Proc. 7th European Part. Acc. Conf. (EPAC2000), Vienna, Austria, 26-30 Jun 2000, p. 1462.
CERN-SL-2000-044-OP.
30. USE OF MOVABLE BEAM POSITION MONITORS FOR BEAM SIZE MEASUREMENTS.
R. Assmann, B. Dehning, J. Matheson.
Proc. 7th European Part. Acc. Conf. (EPAC2000), Vienna, Austria, 26-30 Jun 2000, p. 1693.
CERN-SL-2000-061-OP.
31. THE BEAM-BEAM INTERACTION IN THE PRESENCE OF STRONG RADIATION DAMPING.
R. Assmann and K. Cornelis.
Proc. 7th European Part. Acc. Conf. (EPAC2000), Vienna, Austria, 26-30 Jun 2000, p. 1187.
CERN-SL-2000-046-OP.
32. LEP OPERATION AND PERFORMANCE WITH 100 GEV COLLIDING BEAMS.
R. Assmann et al. (11 authors).
Proc. 7th European Part. Acc. Conf. (EPAC2000), Vienna, Austria, 26-30 Jun 2000, p. 265.
CERN-SL-2000-045-OP.
33. DESIGN STATUS OF THE CLIC 3-TEV BEAM DELIVERY SYSTEM AND DAMPING RINGS.
R. Assmann et al. (13 authors).
Proc. 7th European Part. Acc. Conf. (EPAC2000), Vienna, Austria, 26-30 Jun 2000, p. 522.
CERN-SL-2000-058-AP. CLIC-Note-447. DAPNIA-SEA-2000-11.
34. FINAL-FOCUS SYSTEM FOR CLIC AT 3 TEV.
F. Zimmermann, R. Assmann, G. Guignard, D. Schulte, O. Napoly.
Proc. 7th European Part. Acc. Conf. (EPAC2000), Vienna, Austria, 26-30 Jun 2000, p. 519.
CERN-SL-2000-057-AP. CLIC-Note-446. DAPNIA-SEA-2000-07.
35. STATUS OF THE LEP2 SPECTROMETER PROJECT.
B. Dehning et al. (29 authors).
Proc. 7th European Part. Acc. Conf. (EPAC2000), Vienna, Austria, 26-30 Jun 2000, p. 436.
CERN-SL-2000-038-BI.
36. NONLINEAR RESPONSE OF ORBIT MONITORS.
R. Assmann, B. Dehning, J. Matheson, J. Prochnow.
Proc. 7th European Part. Acc. Conf. (EPAC2000), Vienna, Austria, 26-30 Jun 2000, p. 412.
CERN-SL-2000-030-BI.
37. NONLINEARITIES IN THE RESPONSE OF BEAM POSITION MONITORS.
R. Assmann, B. Dehning, J. Matheson, J. Prochnow.

- Proc. 9th Beam Instrumentation Workshop, Cambridge, MA, USA, 8-11 May 2000 - AIP, New York, 2000. (AIP Conf. Proc. ; 546), pp.267-74. CERN-SL-2000-055-BI.
38. REVIEW OF 1999 OPERATION.
R. Assmann.
Proc. 10th Workshop on LEP-SPS Performance, Chamonix, France, 17-21 Jan 2000. Ed. by P. Le Roux, J. Poole, and M. Truchet. CERN-SL-2000-007-DI, pp.259-268.

 39. E-157: A 1.4 METER LONG PLASMA WAKE FIELD ACCELERATION EXPERIMENT USING A 30-GEV ELECTRON BEAM FROM THE STANFORD LINEAR ACCELERATOR CENTER LINAC.
M.J. Hogan et al (24 authors)
APS 41st Annual Meeting of the Division of Plasma Physics, Seattle, Washington, 15-19 Nov 1999. Phys.Plasmas 7:2241-2248,2000.

 40. OVERVIEW OF LEP OPERATION IN 1998.
G. Arduini et al. (16 authors).
Proc. 1999 Part. Acc. Conf., New York City, NY, USA, 29Mar - 2Apr 1999. Ed. by A. Luccio and W.W. MacKay - IEEE Computer Society Press, Piscataway, NJ, 1999, pp.2996-8.

 41. OBSERVATION OF RADIATIVE SPIN-POLARIZATION AT 60.6 GEV.
R. Assmann et al. (12 authors).
Proc. 1999 Part. Acc. Conf., New York City, NY, USA, 29Mar - 2Apr 1999. Ed. by A. Luccio and W.W. MacKay - IEEE Computer Society Press, Piscataway, NJ, 1999, pp.2999-3001.

 42. THE REGIMES OF POLARIZATION IN A HIGH ENERGY E^+E^- STORAGE RING.
R. Assmann.
Proc. 1999 Part. Acc. Conf., New York City, NY, USA, 29Mar - 2Apr 1999. Ed. by A. Luccio and W.W. MacKay - IEEE Computer Society Press, Piscataway, NJ, 1999, pp.3002-4.

 43. PROGRESS TOWARD E-157: A 1-GEV PLASMA WAKE FIELD ACCELERATOR.
R. Assmann et al (23 authors).
Proc. 1999 Part. Acc. Conf., New York City, NY, USA, 29Mar - 2Apr 1999. Ed. by A. Luccio and W.W. MacKay - IEEE Computer Society Press, Piscataway, NJ, 1999, pp.330-332. SLAC-PUB-8189.

 44. BEAM COMMISSIONING OF THE PEP-II HIGH ENERGY RING.
U. Wienands et al (63 authors).
Proc. 1999 Part. Acc. Conf., New York City, NY, USA, 29Mar - 2Apr 1999. Ed. by A. Luccio and W.W. MacKay - IEEE Computer Society Press, Piscataway, NJ, 1999, pp.2993-2995. SLAC-PUB-8189.

 45. INJECTION AND ACCUMULATION OF HIGH CURRENTS: PERFORMANCE, LIMITATIONS AND EXPECTATIONS FOR 1999.
R. Assmann.
Published in J. Poole (Ed.), proceedings of the Ninth Workshop on LEP Performance, Chamonix, January 25-29, 1999. CERN SL/99-07 DI, pp. 168-177, 1999.

46. POLARIZATION ABOVE 60 GEV.
R. Assmann.
Published in J. Poole (Ed.), proceedings of the Ninth Workshop on LEP Performance, Chamonix, January 25-29, 1999. CERN SL/99-07 DI, pp. 247-253, 1999.
47. DISPERSION-FREE IP'S.
R. Assmann, P. Raimondi, G. Roy, A. Verdier, J. Wenninger.
Published in J. Poole (Ed.), proceedings of the Ninth Workshop on LEP Performance, Chamonix, January 25-29, 1999. CERN SL/99-07 DI, pp. 266-269, 1999.
48. RECENT LUMINOSITY IMPROVEMENTS AT THE SLC.
P. Raimondi et al. (36 authors).
Proc. 17th Intern. Conf. on High-Energy Acc. (HEACC 98), Dubna, Russia, 7-12 Sep 1998. SLAC-PUB-7955 (1998).
49. CALIBRATION OF CENTER-OF-MASS ENERGIES AT LEP-1 FOR PRECISE MEASUREMENTS OF Z PROPERTIES.
R. Assmann et al. (37 authors).
Published in Eur.Phys.J.C6:187-223,1999. CERN-EP-98-040 (1998).
50. IMPROVEMENTS IN EMITTANCE WAKEFIELD OPTIMIZATION FOR THE SLAC LINEAR COLLIDER.
R. Assmann, F.J. Decker and P. Raimondi.
Proc. 6th European Part. Acc. Conf. (EPAC 98), Stockholm, Sweden, 22-26 Jun 1998.
51. STATUS OF THE SLC LINAC.
F.J. Decker, M.G. Minty, Y. Nosochkov, P. Raimondi, R. Assmann.
Proc. 6th European Part. Acc. Conf. (EPAC 98), Stockholm, Sweden, 22-26 Jun 1998. SLAC-PUB-7889 (1998).
52. LIAR - A COMPUTER PROGRAM FOR THE SIMULATION AND MODELING OF HIGH PERFORMANCE LINACS.
R. Assmann et al. (8 authors).
Proc. 6th European Part. Acc. Conf. (EPAC 98), Stockholm, Sweden, 22-26 Jun 1998.
53. A FAST AND ACCURATE PHASING ALGORITHM FOR THE RF ACCELERATING VOLTAGES OF THE SLAC LINAC.
J.R. Bogart et al. (12 authors).
Proc. 6th European Part. Acc. Conf. (EPAC 98), Stockholm, Sweden, 22-26 Jun 1998.
54. RECENT LUMINOSITY IMPROVEMENTS AT THE SLC.
P. Raimondi et al. (34 authors).
Proc. 6th European Part. Acc. Conf. (EPAC 98), Stockholm, Sweden, 22-26 Jun 1998. SLAC-PUB-7847 (1998).

55. STREAK CAMERA MEASUREMENTS OF THE PEP-II HIGH ENERGY RING.
A.S. Fisher et al. (6 authors).
Proc. 8th Beam Instrumentation Workshop (BIW 98), Stanford, CA, 4-7 May 1998. SLAC-PUB-7836 (1998).

56. ACCELERATOR PHYSICS HIGHLIGHTS IN THE 1997/98 SLC RUN.// R. Assmann et al. (35 authors).
Proc. 1st Asian Part. Acc. Conf. (APAC 98), Tsukuba, Japan, 23-27 Mar 1998. SLAC-PUB-7782 (1998).

57. FIRST BEAM-COMMISSIONING RESULTS FROM THE PEP-II B-FACTORY HIGH ENERGY RING: INTENSITY EFFECTS.
U. Wienands et al. (41 authors).
Proc. 14th Advanced ICFA Beam Dynamics Workshop: Beam Dynamics Issues for e+ e- Factories (ICFA 97), Frascati, Italy, 20-26 Oct 1997. SLAC-REPRINT-1997-051.

58. FIRST BEAM-COMMISSIONING RESULTS FROM THE PEP-II B-FACTORY HIGH ENERGY RING: BEAM OPTICS.
U. Wienands et al. (41 authors).
Issues for e+ e- Factories (ICFA 97), Frascati, Italy, 20-26 Oct 1997. SLAC-REPRINT-1997-049.

59. PROPOSAL FOR A 1 GEV PLASMA-WAKEFIELD ACCELERATION EXPERIMENT AT SLAC.
R. Assmann (speaker) et al. (19 authors).
Invited talk at the 13th Advanced ICFA Beam Dynamics Workshop on Second Generation Plasma Accelerators. Kyoto, Japan, July 14-18, 1997. SLAC-PUB-7679. Published in Nucl. Instr. Meth. A410(1998)396-406.

60. BEAM DYNAMICS IN PLASMA-BASED LINACS.
R. Assmann and K. Yokoya.
Contributed to the 13th Advanced ICFA Beam Dynamics Workshop on Second Generation Plasma Accelerators. Kyoto, Japan, July 14-18, 1997. SLAC-PUB-7795. Published in Nucl. Instr. Meth. A410(1998)544-548.

61. BEAM DYNAMICS IN SLC.
R. Assmann.
Invited talk at the 17th IEEE Particle Accelerator Conference (PAC 97): Accelerator Science, Technology and Applications, Vancouver, Canada, 12-16 May 1997. SLAC-PUB-7576 (1997).

62. DISPERSION IN THE PRESENCE OF STRONG TRANSVERSE WAKEFIELDS.
R. Assmann and A. Chao.
Proc. of 17th IEEE Particle Accelerator Conference (PAC 97): Accelerator Science, Technology and Applications, Vancouver, Canada, 12-16 May 1997. SLAC-PUB-7581 (1997).

63. BEAM-BASED MONITORING OF THE SLC LINAC OPTICS WITH A DIAGNOSTIC PULSE.
R. Assmann, et al. (7 authors).
Proc. of 17th IEEE Particle Accelerator Conference (PAC 97): Accelerator Science, Technology and Applications, Vancouver, Canada, 12-16 May 1997. SLAC-PUB-7578 (1997).

64. THE COMPUTER PROGRAM LIAR FOR BEAM DYNAMICS CALCULATIONS IN LINEAR ACCELERATORS.
R. Assmann, et al. (8 authors).
Proc. of 17th IEEE Particle Accelerator Conference (PAC 97): Accelerator Science, Technology and Applications, Vancouver, Canada, 12-16 May 1997. SLAC-PUB-7577 (1997).
65. OBSERVATION OF DARK-CURRENT SIGNALS FROM THE S-BAND STRUCTURES OF THE SLC LINAC.
R. Assmann, F.J. Decker, M. Seidel, R.H. Siemann, D. Whittum.
Proc. of 17th IEEE Particle Accelerator Conference (PAC 97): Accelerator Science, Technology and Applications, Vancouver, Canada, 12-16 May 1997. SLAC-PUB-7579 (1997).
66. OBSERVATION AND ANALYSIS OF STATIC DEFLECTIONS FROM LONG-RANGE WAKE-FIELDS IN THE SLC.
R. Assmann, F.J. Decker, P. Raimondi, T.O. Raubenheimer.
Proc. of 17th IEEE Particle Accelerator Conference (PAC 97): Accelerator Science, Technology and Applications, Vancouver, Canada, 12-16 May 1997. SLAC-PUB-7580 (1997).
67. A PROPOSAL FOR A 1 GEV PLASMA-WAKEFIELD ACCELERATION EXPERIMENT AT SLAC.
T. Katsouleas, et al. (20 authors).
Proc. of 17th IEEE Particle Accelerator Conference (PAC 97): Accelerator Science, Technology and Applications, Vancouver, Canada, 12-16 May 1997. SLAC-PUB-7582 (1997).
68. DETECTION OF BEAM INDUCED DIPOLE-MODE SIGNALS IN THE SLC S-BAND STRUCTURES.
M. Seidel, C. Adolphsen, R. Assmann, D.H. Whittum.
Proc. of 17th IEEE Particle Accelerator Conference (PAC 97): Accelerator Science, Technology and Applications, Vancouver, Canada, 12-16 May 1997. SLAC-PUB-7559 (1997).
69. BEAM-BASED ANALYSIS OF DAY-NIGHT PERFORMANCE VARIATIONS AT THE SLC LINAC.
F.-J. Decker, et al. (7 authors).
Proc. of 17th IEEE Particle Accelerator Conference (PAC 97): Accelerator Science, Technology and Applications, Vancouver, Canada, 12-16 May 1997. SLAC-PUB-7894 (1998).
70. SUPER-ASSET: A TECHNIQUE FOR MEASURING AND CORRECTING ACCELERATOR STRUCTURE MISALIGNMENTS AT THE SLC.
F.J. Decker, R. Assmann, M.G. Minty, P. Raimondi, G. Stupakov.
Proc. of 17th IEEE Particle Accelerator Conference (PAC 97): Accelerator Science, Technology and Applications, Vancouver, Canada, 12-16 May 1997. SLAC-PUB-7893 (1998).
71. PERFORMANCE ISSUES, DOWNTIME RECOVERY AND TUNING IN THE NLC.
F. Zimmermann, et al. (23 authors).
Proc. of 17th IEEE Particle Accelerator Conference (PAC 97): Accelerator Science, Technology and Applications, Vancouver, Canada, 12-16 May 1997. SLAC-PUB-7455 (1997).

72. ONE GEV BEAM ACCELERATION IN A ONE METER LONG PLASMA CELL.
R. Assmann, et al. (19 authors).
SLAC-PROPOSAL-E-157 (1997).
73. LIAR - A COMPUTER PROGRAM FOR THE SIMULATION OF HIGH PERFORMANCE LINACS (USER'S GUIDE).
R. Assmann, et al. (7 authors).
SLAC-AP 103 (1997).
74. OPERATION AND EXPECTED PERFORMANCE OF THE NLC MAIN LINACS.
R. Assmann and T. Raubenheimer.
Proc. of 1996 DPF/DPB Summer Study on New Directions for High-Energy Physics (Snowmass 96), Snowmass, CO, 25 Jun - 12 Jul 1996. SLAC-PUB-7354 (1996).
75. SUMMARY OF THE NLC ACCELERATOR WORKING GROUP.
J. Irwin et al (48 authors).
Proc. of 1996 DPF/DPB Summer Study on New Directions for High-Energy Physics (Snowmass 96), Snowmass, CO, 25 Jun - 12 Jul 1996. SLAC-REPRINT-1996-004.
SLAC-PUB-7354 (1996).
76. POSSIBLE SOURCES OF PULSE-TO-PULSE ORBIT VARIATION IN THE SLAC LINAC.
R. Assmann and F. Zimmermann.
Proc. 18th International Linac Conference (Linac 96), Geneva, Switzerland, 26-30 Aug 1996. SLAC-PUB-7269 (1996).
77. LIAR - A NEW PROGRAM FOR THE MODELLING AND SIMULATION OF LINEAR ACCELERATORS WITH HIGH GRADIENTS AND SMALL EMITTANCES.
R. Assmann, et al. (6 authors).
Proc. 18th International Linac Conference (Linac 96), Geneva, Switzerland, 26-30 Aug 1996. SLAC-PUB-7300 (1996).
78. BEAMLINE STABILITY MEASUREMENTS WITH A STRETCHED WIRE SYSTEM IN THE FFTB.
R. Assmann, C. Montag and C. Salsberg.
Proc. 18th International Linac Conference (Linac 96), Geneva, Switzerland, 26-30 Aug 1996. SLAC-PUB-7303 (1996).
79. LONG-RANGE WAKEFIELDS AND SPLIT-TUNE LATTICE AT THE SLC.
F.-J. Decker, et al. (10 authors).
Proc. 18th International Linac Conference (Linac 96), Geneva, Switzerland, 26-30 Aug 1996. SLAC-PUB-7259 (1996).
80. EMITTANCE AND TRAJECTORY CONTROL IN THE MAIN LINAC OF THE NLC.
R. Assmann, C. Adolphsen, K. Bane, T.O. Raubenheimer, K. Thompson.
Proc. 18th International Linac Conference (Linac 96), Geneva, Switzerland, 26-30 Aug 1996. SLAC-PUB-7301 (1996).

81. EMITTANCE DILUTION DUE TO SLOW ALIGNMENT DRIFTS IN THE MAIN LINACS OF THE NLC.
R. Assmann, C. Adolphsen, K. Bane, T.O. Raubenheimer, K. Thompson.
Proc. 18th International Linac Conference (Linac 96), Geneva, Switzerland, 26-30 Aug 1996. SLAC-PUB-7302 (1996).

82. PHYSICS AND TECHNOLOGY OF THE NEXT LINEAR COLLIDER: A REPORT SUBMITTED TO SNOWMASS '96.
S. Kuhlman, et al. (215 authors), SLAC-R-0485 (Jun 1996). IEEE Trans. Nucl. Sci. 44 (1997).

83. ZERO-ORDER DESIGN REPORT FOR THE NEXT LINEAR COLLIDER.
C. Adolphsen, et al. (165 authors). SLAC-R-0474 (May 1996).

84. QUADRUPOLE ALIGNMENT AND TRAJECTORY CORRECTION FOR FUTURE LINEAR COLLIDERS: SLC TESTS OF A DISPERSION-FREE STEERING ALGORITHM.
R. Assmann, et al. (6 authors).
Proc. 4th Int. Workshop on Acc. Alignment, KEK, Tsukuba, November 14-17, 1995.

85. DIRECT MEASUREMENT OF TRANSVERSE WAKEFIELDS IN THE SLC LINAC.
P. Krejcik, et al. (6 authors).
Proc. 16th IEEE Part. Acc. Conf. (PAC95) and Int. Conf. on High Energy Acc., Dallas, Texas, May 1-5, 1995.

86. PULSE-TO-PULSE STABILITY ISSUES IN THE SLC.
C. Adolphsen, et al. (19 authors).
Proc. 16th IEEE Part. Acc. Conf. (PAC95) and Int. Conf. on High Energy Acc., Dallas, Texas, May 1-5, 1995.

87. THE ENERGY CALIBRATION OF LEP IN THE 1993 SCAN.
R. Assmann, et al. (35 authors).
CERN PPE/95-10 and CERN SL 95-02. Published in Z.Phys.C **66**, pp. 567-582, 1995.

88. LEPTON BEAM POLARIZATION AT LEP.
R. Assmann, et al. (13 authors).
CERN SL/95-21. Proc. 8th International Symposium on Polarization Phenomena in Nuclear Physics, Bloomington, USA, September 14-21, 1994.

89. OPTIMIZATION OF TRANSVERSE SPIN-POLARIZATION IN THE LEP STORAGE RING AND ITS USE FOR PRECISION MEASUREMENTS OF THE Z-BOSON.
R. Assmann.
Doctorate thesis at the Ludwig-Maximilians-Universität Munich, November 1994 (original in German).
Report of the Max-Planck-Institut für Physik, Werner-Heisenberg-Institut, MPI-PhE-95-20, August 1995.

90. ACCURATE DETERMINATION OF THE LEP BEAM ENERGY BY RESONANT DEPOLARIZATION.
L. Arnaudon, et al. (13 authors).
CERN SL/94-71. Published in *Z.Phys.C* **66**, pp. 45-62, 1995.
91. RECENT ACHIEVEMENTS IN TRANSVERSE SPIN-POLARIZATION AT LEP.
L. Arnaudon, et al. (17 authors).
CERN SL/94-60. Proc. 4th European Particle Accelerator Conference (EPAC 94), London, England, 27 Jun - 1 Jul 1994. Vol. 1, pp. 187-189.
92. DETERMINISTIC HARMONIC SPIN MATCHING IN LEP.
R. Assmann, et al. (11 authors).
CERN SL/94-62. Proc. 4th European Particle Accelerator Conference (EPAC 94), London, England, 27 Jun - 1 Jul 1994. Vol. 2, pp. 932-934.
93. ENERGY CALIBRATION WITH RESONANT DEPOLARIZATION AT LEP IN 1993.
R. Assmann, et al. (11 authors).
CERN SL/94-61. Proc. 4th European Particle Accelerator Conference (EPAC 94), London, England, 27 Jun - 1 Jul 1994. Vol. 2, pp. 935-937.
94. SPIN TUNE SHIFTS DUE TO OPTICS IMPERFECTIONS.
R. Assmann and J.P. Koutchouk.
CERN SL/94-13.
95. POLARIZATION STUDIES AT LEP IN 1993.
R. Assmann et al. (11 authors).
CERN SL/94-08.
96. EFFECTS OF TERRESTRIAL TIDES ON THE LEP BEAM ENERGY.
L. Arnaudon, et al. (14 authors).
CERN SL/94-07. *Nucl.Instrum.Meth.* **A357**, pp. 249-252, 1995.
97. POLARIZATION IN LEP.
R. Assmann.
Published in J. Poole (Ed.), proceedings of the Fourth Workshop on LEP Performance, Chamonix, January 17-21, 1994. CERN SL/94-06, pp. 353-364, 1994.
98. MEASUREMENT OF THE MASS OF THE Z^0 AND THE ENERGY CALIBRATION OF LEP.
L. Arnaudon, et al. (about 2000 authors).
CERN-PPE-93-53. Published in *Phys. Lett.* **B307**, pp. 187-193, 1993.
99. EFFECTS OF TIDAL FORCES ON THE BEAM ENERGY IN LEP.
L. Arnaudon, et al. (21 authors).
CERN-SL-93-20I-DI. Proc. 1993 Particle Accelerator Conference (PAC 93), Washington, DC, 17-20 May 1993, pp. 44-46.

100. RESULTS OF POLARIZATION AND OPTIMISATION SIMULATIONS.
R. Assmann.
Published in J. Poole (Ed.), proceedings of the Third Workshop on LEP Performance, Chamonix, January 10-16, 1993. CERN SL/93-19, pp. 341-356, 1993.
101. PERFORMANCE AND LIMITATIONS OF THE LEP POLARIMETER.
R. Assmann, et al. (10 authors).
CERN SL/93-02. Presented at Int. Symp. on High Energy Spin Physics, Nagoya, Japan, Nov 9-14, 1992.
Published in Nagoya Spin Wkshp. 1992, pp. 905-910.
102. THE ENERGY CALIBRATION OF LEP IN 1991.
L. Arnaudon, et al. (35 authors).
CERN-PPE-92-125. Proc. 26th International Conference on High Energy Physics (ICHEP 92), Dallas, TX, 6-12 Aug 1992. AIP Conf. Proc. no 272.
103. ENERGY CALIBRATION WITH A POLARIZED BEAM AT LEP.
L. Arnaudon, et al. (10 authors).
CERN SL/92-33. Proc. 15th International Conference on High Energy Accelerators (HEACC'92), Hamburg, Germany, 20-24 Jul 1992. Vol. 2, pp. 994-996 (Int. J. Mod. Phys. A, Proc. Suppl. **2B** (1993) 994-996).
104. THE ENERGY CALIBRATION OF LEP IN 1991.
L. Arnaudon, et al. (35 authors).
CERN-PPE 92-125 and CERN-SL 92-37.
105. MEASUREMENT OF THE LEP BEAM ENERGY BY RESONANT SPIN DEPOLARIZATION.
L. Arnaudon, et al. (10 authors).
CERN-PPE-92-49. Phys. Lett. **B284**, pp. 431-439, 1992.
106. IONIZATION MEASUREMENT AND PARTICLE IDENTIFICATION WITH THE ALEPH-TPC.
R. Assmann. Diploma thesis at the Ludwig-Maximilians-Universität Munich, November 1990 (original in German).

As a member of the ALEPH collaboration I am co-author on ALEPH publications (about 500 authors). My contributions were a) improvements for the particle identification in the ALEPH-TPC and b) the high precision measurements of the absolute energy scale of the Z-Boson resonance.

1. SEARCH FOR CHARGINOS AND NEUTRALINOS WITH R PARITY VIOLATION AT $S^{**}(1/2) = 130\text{-GEV}$ AND 136-GEV .
ALEPH Collaboration
D. Buskulic et al., CERN-PPE-96-086 (Jul 1996) 16p.
2. MEASUREMENT OF HADRONS AND LEPTON PAIR PRODUCTION FROM $E^+ E^-$ ANNIHILATION AT CENTER-OF-MASS ENERGIES OF 130-GEV AND 136-GEV .
ALEPH Collaboration
D. Buskulic et al., Phys.Lett.B378:373-384,1996.
3. STUDIES OF QCD IN $E^+ E^- \rightarrow$ HADRONS AT $E(\text{CM}) = 130\text{-GEV}$ AND 136-GEV .
ALEPH Collaboration
D. Buskulic et al., Novy Svet Hadrons 1996, 35-46.
4. SEARCH FOR HEAVY LEPTON PAIR PRODUCTION IN $E^+ E^-$ COLLISIONS AT CENTER-OF-MASS ENERGIES OF 130-GEV AND 136-GEV .
ALEPH Collaboration
D. Buskulic et al., CERN-PPE-96-080 (Jun 1996) 14p.
5. STRANGE B BARYON PRODUCTION AND LIFETIME IN Z DECAYS.
ALEPH Collaboration
D. Buskulic et al., CERN-PPE-96-081 (Jun 1996) 18p.
6. SEARCH FOR CP VIOLATION IN THE DECAY $Z \rightarrow B \text{ ANTI-B } G$.
ALEPH Collaboration
D. Buskulic et al., CERN-PPE-96-071 (May 1996) 12p.
7. MASS LIMIT FOR THE STANDARD MODEL HIGGS BOSON WITH THE FULL LEP-1 ALEPH DATA SAMPLE.
ALEPH Collaboration
D. Buskulic et al., CERN-PPE-96-079 (Jun 1996) 15p.
8. MEASUREMENT OF THE B FORWARD - BACKWARD ASYMMETRY AND MIXING USING HIGH $P(T)$ LEPTONS.
ALEPH Collaboration
D. Buskulic et al., CERN-PPE-96-072 (May 1996) 17p.
9. FOUR JET FINAL STATE PRODUCTION IN $E^+ E^-$ COLLISIONS AT CENTER-OF-MASS ENERGIES OF 130-GEV AND 136-GEV .
ALEPH Collaboration
D. Buskulic et al., Z.Phys.C71:179-198,1996.

10. A STUDY OF SINGLE AND MULTI - PHOTON PRODUCTION IN E+ E- COLLISIONS AT CENTER-OF-MASS ENERGIES OF 130-GEV AND 136-GEV.
ALEPH Collaboration
D. Buskulic et al., CERN-PPE-96-053 (Apr 1996) 11p.
11. MEASUREMENT OF THE MASS OF THE LAMBDA(B) BARYON.
ALEPH Collaboration
D. Buskulic et al., Phys.Lett.B380:442-452,1996.
12. STUDY OF THE B(S)0 ANTI-B(S)0 OSCILLATION FREQUENCY USING D(S)- LEPTON+ COMBINATIONS IN Z DECAYS.
ALEPH Collaboration
D. Buskulic et al., Phys.Lett.B377:205-221,1996.
13. DETERMINATION OF $\sin^2 \theta(W)(\text{EFF})$ USING JET CHARGE MEASUREMENTS IN HADRONIC Z DECAYS.
ALEPH Collaboration
D. Buskulic et al., CERN-PPE-96-009 (Jan 1996) 37p.
14. SEARCH FOR SUPERSYMMETRIC PARTICLES IN E+ E- COLLISIONS OF CENTER-OF-MASS ENERGIES OF 130-GEV AND 136-GEV.
ALEPH Collaboration
D. Buskulic et al., Phys.Lett.B373:246-260,1996.
15. IMPROVED MEASUREMENT OF THE ANTI-B0 AND B- MESON LIFETIMES.
ALEPH Collaboration
D. Buskulic et al., CERN-PPE-96-014 (Feb 1996) 25p.
16. MEASUREMENT OF LAMBDA POLARIZATION FROM Z DECAYS.
ALEPH Collaboration
D. Buskulic et al., Phys.Lett.B374:319-330,1996.
17. QUARK AND GLUON JET PROPERTIES IN SYMMETRIC THREE JET EVENTS.
ALEPH Collaboration
D. Buskulic et al., CERN-PPE-95-184 (Dec 1995) 13p.
18. MEASUREMENT OF LAMBDA(B) POLARIZATION IN Z DECAYS.
ALEPH Collaboration
D. Buskulic et al., Phys.Lett.B365:437-447,1996.
19. TAU HADRONIC BRANCHING RATIOS.
ALEPH Collaboration
D. Buskulic et al., Z.Phys.C70:579-608,1996.

20. A PRECISE MEASUREMENT OF THE AVERAGE B HADRON LIFETIME.
ALEPH Collaboration
D. Buskulic et al., Phys.Lett.B369:151-162,1996.

21. TAU LEPTONIC BRANCHING RATIOS.
ALEPH Collaboration
D. Buskulic et al., Z.Phys.C70:561-578,1996.

22. MEASUREMENT OF THE TAU LEPTON LIFETIME.
ALEPH Collaboration
D. Buskulic et al., Z.Phys.C70:549-560,1996.

23. MEASUREMENT OF THE B(S)0 LIFETIME AND PRODUCTION RATE WITH D(S)- LEP-
TON+ COMBINATIONS IN Z DECAYS.
ALEPH Collaboration
D. Buskulic et al., Phys.Lett.B361:221-233,1995.

24. PRODUCTION OF EXCITED BEAUTY STATES IN Z DECAYS.
ALEPH Collaboration
D. Buskulic et al., Z.Phys.C69:393-404,1996.

25. A MEASUREMENT OF THE $\langle V(CB) \rangle$ FROM ANTI-B(0) \rightarrow D*+- LEPTON- ANTI-LEPTON-
NEUTRINO.
ALEPH Collaboration
D. Buskulic et al., Phys.Lett.B359:236-248,1995.

26. MEASUREMENT OF THE EFFECTIVE B QUARK FRAGMENTATION FUNCTION AT THE
Z RESONANCE.
ALEPH Collaboration
D. Buskulic et al., Phys.Lett.B357:699-714,1995.

27. INCLUSIVE PRODUCTION OF NEUTRAL VECTOR MESONS IN HADRONIC Z DECAYS.
ALEPH Collaboration
D. Buskulic et al., Z.Phys.C69:379-392,1996.

28. MEASUREMENT OF ALPHA-S FROM SCALING VIOLATIONS IN FRAGMENTATION FUNC-
TIONS IN E+ E- ANNIHILATION.
ALEPH Collaboration
D. Buskulic et al., Phys.Lett.B357:487-499,1995., ERRATUM-ibid.B364:247,1995.

29. MEASUREMENT OF D(S)+ MESON PRODUCTION IN Z DECAYS AND OF THE ANTI-B(S)0
LIFETIME.
ALEPH Collaboration
D. Buskulic et al., Z.Phys.C69:585-596,1996.

30. FIRST MEASUREMENT OF THE QUARK TO PHOTON FRAGMENTATION FUNCTION.
ALEPH Collaboration
D. Buskulic et al., Z.Phys.C69:365-378,1996.
31. LIMIT ON B(S)0 OSCILLATION USING A JET CHARGE METHOD.
ALEPH Collaboration
D. Buskulic et al., Phys.Lett.B356:409-422,1995.
32. MEASUREMENTS OF THE CHARGED PARTICLE MULTIPLICITY DISTRIBUTION IN RESTRICTED RAPIDITY INTERVALS.
ALEPH Collaboration
D. Buskulic et al., Z.Phys.C69:15-26,1995.
33. MEASUREMENTS OF THE B BARYON LIFETIME.
ALEPH Collaboration
D. Buskulic et al., Phys.Lett.B357:685-698,1995.
34. THE FORWARD - BACKWARD ASYMMETRY FOR CHARM QUARKS AT THE Z POLE.
ALEPH Collaboration
D. Buskulic et al., Phys.Lett.B352:479-486,1995.
35. MEASUREMENT OF THE D*+- CROSS- SECTION IN TWO PHOTON COLLISIONS AT LEP.
ALEPH Collaboration
D. Buskulic et al., Phys.Lett.B355:595-605,1995.
36. TEST OF THE FLAVOR INDEPENDENCE OF ALPHA-S.
ALEPH Collaboration
D. Buskulic et al., Phys.Lett.B355:381-393,1995.
37. IMPROVED TAU POLARIZATION MEASUREMENT.
ALEPH Collaboration
D. Buskulic et al., Z.Phys.C69:183-194,1996.
38. SEARCH FOR SUPERSYMMETRIC PARTICLES WITH R PARITY VIOLATION IN Z DECAYS.
ALEPH Collaboration
D. Buskulic et al., Phys.Lett.B349:238-252,1995.
39. AN UPPER LIMIT FOR THE TAU-NEUTRINO MASS FROM TAU \rightarrow 5 PI (PI0) TAU-NEUTRINO DECAYS.
ALEPH Collaboration
D. Buskulic et al., Phys.Lett.B349:585-596,1995.
40. MICHEL PARAMETERS AND TAU-NEUTRINO HELICITY FROM DECAY CORRELATIONS IN Z \rightarrow TAU+ TAU-.
ALEPH Collaboration

- D. Buskulic et al., Phys.Lett.B346:379-388,1995., ERRATUM-ibid.B363:265,1995.
41. INCLUSIVE π^{+-} , K^{+-} AND (P, ANTI-P) DIFFERENTIAL CROSS-SECTIONS AT THE Z RESONANCE.
ALEPH Collaboration
D. Buskulic et al., Z.Phys.C66:355-366,1995.
 42. STUDY OF THE SUBJET STRUCTURE OF QUARK AND GLUON JETS.
ALEPH Collaboration
D. Buskulic et al., Phys.Lett.B346:389-398,1995.
 43. A STUDY OF D^{*+} π^{-} PRODUCTION IN SEMILEPTONIC B DECAY.
ALEPH Collaboration
D. Buskulic et al., Phys.Lett.B345:103-114,1995.
 44. SEARCH FOR CP VIOLATION IN THE DECAY $Z \rightarrow \tau^{+} \tau^{-}$.
ALEPH Collaboration
D. Buskulic et al., Phys.Lett.B346:371-378,1995.
 45. PERFORMANCE OF THE ALEPH DETECTOR AT LEP.
ALEPH Collaboration
D. Buskulic et al., Nucl.Instrum.Meth.A360:481-506,1995.
 46. STUDY OF THE FOUR FERMION FINAL STATE AT THE Z RESONANCE.
ALEPH Collaboration
D. Buskulic et al., Z.Phys.C66:3-18,1995.
 47. MEASUREMENT OF THE $B \rightarrow \tau^{-} \text{ANTI-}\tau^{-}\text{-NEUTRINO}$ X BRANCHING RATIO AND AN UPPER LIMIT ON $B^{-} \rightarrow \tau^{-} \text{ANTI-}\tau^{-}\text{-NEUTRINO}$.
ALEPH Collaboration
D. Buskulic et al., Phys.Lett.B343:444-452,1995.
 48. MEASUREMENT OF THE $B \rightarrow \tau^{-} \text{ANTI-}\tau^{-}\text{-NEUTRINO}$ X INCLUSIVE / EXCLUSIVE BRANCHING RATIOS.
ALEPH Collaboration
D. Buskulic et al., ICHEP 1994:1121-124 (QCD161:H51:1994)
 49. OBSERVATION OF MONO - JET EVENTS AND TENTATIVE INTERPRETATION.
ALEPH Collaboration
D. Buskulic et al., Phys.Lett.B334:244-252,1994.
 50. A MEASUREMENT OF $A(B)(FB)$ IN LIFETIME TAGGED HEAVY FLAVOR Z DECAYS.
ALEPH Collaboration
D. Buskulic et al., Phys.Lett.B335:99-108,1994.

51. PRODUCTION OF K0 AND LAMBDA IN HADRONIC Z DECAYS.
ALEPH Collaboration
D. Buskulic et al., Z.Phys.C64:361-374,1994.
52. K0 PRODUCTION IN ONE PRONG TAU DECAYS.
ALEPH Collaboration
D. Buskulic et al., Phys.Lett.B332:219-227,1994.
53. ONE PRONG TAU DECAYS INTO CHARGED KAONS.
ALEPH Collaboration
D. Buskulic et al., Phys.Lett.B332:209-218,1994.
54. Z PRODUCTION CROSS-SECTIONS AND LEPTON PAIR FORWARD - BACKWARD ASYMMETRIES.
ALEPH Collaboration
D. Buskulic et al., Z.Phys.C62:539-550,1994.
55. HEAVY QUARK TAGGING WITH LEPTONS IN THE ALEPH DETECTOR.
ALEPH Collaboration
D. Buskulic et al., Nucl.Instrum.Meth.A346:461-475,1994.
56. HEAVY FLAVOR PRODUCTION AND DECAY WITH PROMPT LEPTONS IN THE ALEPH DETECTOR.
ALEPH Collaboration
D. Buskulic et al., Z.Phys.C62:179-198,1994.
57. AN INVESTIGATION OF B(D)0 AND B(S)0 OSCILLATION.
ALEPH Collaboration
D. Buskulic et al., Phys.Lett.B322:441-458,1994.
58. MEASUREMENT OF THE B(S)0 LIFETIME.
ALEPH Collaboration
D. Buskulic et al., Phys.Lett.B322:275-286,1994.
59. PRODUCTION OF CHARMED MESONS IN Z DECAYS.
ALEPH Collaboration
D. Buskulic et al., Z.Phys.C62:1-14,1994.
60. CORRELATION MEASUREMENTS IN $Z \rightarrow \text{TAU}^+ \text{TAU}^-$ AND THE TAU NEUTRINO HELICITY.
ALEPH Collaboration
D. Buskulic et al., Phys.Lett.B321:168-176,1994.
61. A DIRECT MEASUREMENT OF THE INVISIBLE WIDTH OF THE Z FROM SINGLE PHOTON COUNTING.
ALEPH Collaboration

- D. Buskulic et al., Phys.Lett.B313:520-534,1993.
62. MEASUREMENT OF THE RATIO $\Gamma(B \text{ ANTI-B}) / \Gamma(\text{HADRON})$ USING EVENT SHAPE VARIABLES.
ALEPH Collaboration
D. Buskulic et al., Phys.Lett.B313:549-563,1993.
63. A PRECISE MEASUREMENT OF $\Gamma(Z \rightarrow B \text{ ANTI-B}) / \Gamma(Z \rightarrow \text{HADRONS})$.
ALEPH Collaboration
D. Buskulic et al., Phys.Lett.B313:535-548,1993.
64. FIRST MEASUREMENT OF THE B(S) MESON MASS.
ALEPH Collaboration
D. Buskulic et al., Phys.Lett.B311:425-430,1993., ERRATUM-ibid.B316:631,1993.
65. OBSERVATION OF THE TIME DEPENDENCE OF B(D)0 - ANTI-B(D)0 MIXING.
ALEPH Collaboration
D. Buskulic et al., Phys.Lett.B313:498-508,1993.
66. MEASUREMENT OF THE B HADRON LIFETIME WITH THE DIPOLE METHOD.
ALEPH Collaboration
D. Buskulic et al., Phys.Lett.B314:459-470,1993.
67. SEARCH FOR A NONMINIMAL HIGGS BOSON PRODUCED IN THE REACTION $E^+ E^- \rightarrow H Z^*$.
ALEPH Collaboration
D. Buskulic et al., Phys.Lett.B313:312-325,1993.
68. SEARCH FOR THE STANDARD MODEL HIGGS BOSON.
ALEPH Collaboration
D. Buskulic et al., Phys.Lett.B313:299-311,1993.
69. AN EXPERIMENTAL STUDY OF $\Gamma \Gamma \rightarrow \text{HADRONS}$ AT LEP.
ALEPH Collaboration
D. Buskulic et al., Phys.Lett.B313:509-519,1993.
70. SEARCH FOR HIGH MASS PHOTON PAIRS IN $E^+ E^- \rightarrow F \text{ ANTI-F } \Gamma \Gamma$ (F = E, MU, TAU, NEUTRINO, Q) AT LEP.
ALEPH Collaboration
D. Buskulic et al., Phys.Lett.B308:425,1993.
71. UPDATE OF ELECTROWEAK PARAMETERS FROM Z DECAYS.
ALEPH Collaboration
D. Buskulic et al., Z.Phys.C60:71-82,1993.

72. SEARCH FOR CONTACT INTERACTIONS IN THE REACTIONS $E^+ E^- \rightarrow \text{LEPTON}^+ \text{LEPTON}^-$ AND $E^+ E^- \rightarrow \text{GAMMA GAMMA}$.
ALEPH Collaboration
D. Buskulic et al., Z.Phys.C59:215-230,1993.
73. MEASUREMENT OF THE TAU POLARIZATION AT THE Z RESONANCE.
ALEPH Collaboration
D. Buskulic et al., Z.Phys.C59:369-386,1993.
74. MEASUREMENT OF THE ANTI-B0 AND B- MESON LIFETIMES.
ALEPH Collaboration
D. Buskulic et al., Phys.Lett.B307:194-208,1993., ERRATUM-ibid.B325:537-538, 1994.
75. MEASUREMENT OF THE STRONG COUPLING CONSTANT USING TAU DECAYS.
ALEPH Collaboration
D. Buskulic et al., Phys.Lett.B307:209-220,1993.
76. SEARCH FOR PARTICLES WITH UNEXPECTED MASS AND CHARGE IN Z DECAYS.
ALEPH Collaboration
D. Buskulic et al., Phys.Lett.B303:198-208,1993.