

Publications:

Physics:

1) THE ASSEMBLY OF THE SILICON TRACKER OF THE BEAM TEST ENGINEERING MODEL OF THE GLAST LARGE AREA TELESCOPE.

By P. Allport (Liverpool U.), E. Atwood, W. Atwood (UC, Santa Cruz), G. Beck (Queen Mary - Westfield Coll.), B. Bhatnager, E. Bloom, J. Broeder (SLAC), V. Chen, J. Clark, N. Cotton (UC, Santa Cruz), E. do Couto e Silva, B. Feerick, B. Giebels, G. Godfrey, T. Handa (SLAC), J.A. Hernando, M. Hirayama, R.P. Johnson (UC, Santa Cruz), T. Kamae (Tokyo U.), S. Kashiguine, W. Kroeger, C. Milbury (UC, Santa Cruz), W. Miller (Hytec, Los Alamos), O. Millican, M. Nikolaou, M. Nordby (SLAC), T. Ohsugi (Hiroshima U.), G. Paliaga (UC, Santa Cruz), E. Ponslet (Hytec, Los Alamos), W. Rowe, H.F.W. Sadrozinski, E. Spencer, S. Stromberg (UC, Santa Cruz), E. Swensen (Hytec, Los Alamos), M. Takayuki, D. Tournear (SLAC), A. Webster, G. Winkler (UC, Santa Cruz), K. Yamamoto, K. Yamamura (Hamamatsu Photonics), S. Yoshida (Hiroshima U.). SLAC-PUB-8471, SCIPP-00-19, Jun 2000. 16pp.

Presented at the 4th International Symposium on Development and Application of Semiconductor Tracking Detectors, Hiroshima, Japan, 20-25 Mar 2000.

2) THE SILICON TRACKER OF THE BEAM TEST ENGINEERING MODEL OF THE GLAST LARGE AREA TELESCOPE.

By E. Atwood, W. Atwood (UC, Santa Cruz), B. Bhatnager, E. Bloom, J. Broeder (SLAC), V. Chen, J. Clark, N. Cotton (UC, Santa Cruz), E. do Couto e Silva, B. Feerick, B. Giebels, G. Godfrey, T. Handa (SLAC), J.A. Hernando, M. Hirayama, R.P. Johnson (UC, Santa Cruz), T. Kamae (Tokyo U.), S. Kashiguine, W. Kroeger, C. Milbury (UC, Santa Cruz), W. Miller (Hytec, Los Alamos), O. Millican, M. Nikolaou, M. Nordby (SLAC), T. Ohsugi (Hiroshima U., IPC), G. Paliaga (UC, Santa Cruz), E. Ponslet (Hytec, Los Alamos), W. Rowe, H.F.W. Sadrozinski, E. Spencer, S. Stromberg (UC, Santa Cruz), E. Swensen (Hytec, Los Alamos), M. Takayuki, D. Tournear (SLAC), A. Webster, G. Winkler (UC, Santa Cruz), K. Yamamoto, K. Yamamura (Hamamatsu Photonics), S. Yoshida (Hiroshima U., IPC). SLAC-PUB-8466, SCIPP-00-18, Jun 2000. 25pp.
Submitted to **Nucl.Instrum.Meth.A**

3) THE SILICON TRACKER / CONVERTER FOR THE GAMMA RAY LARGE AREA SPACE TELESCOPE.

By W.B. Atwood, J.A. Hernando, M. Hirayama, R.P. Johnson, W. Kroger, H.F.W. Sadrozinski (SLAC & UC, Santa Cruz). 1999.

Published in **Nucl.Instrum.Meth.A435:224-232,1999**

4) BEAM TEST OF GAMMA RAY LARGE AREA SPACE TELESCOPE COMPONENTS.

By W.B. Atwood (SLAC & UC, Santa Cruz), S. Ritz (NASA, Goddard), P. Anthony, E.D. Bloom (SLAC), P.E. Bosted (American U.), J. Bourotte (Ecole Polytechnique), C. Chaput (SLAC), X. Chen (Columbia U.), D.L. Chenette (Lockheed Martin, Palo Alto), D. Engovatov, R. Erickson, T. Fieguth (SLAC), P. Fleury (Ecole Polytechnique), R. Gearhart, G. Godfrey (SLAC), J.E. Grove (Naval Research Lab, Wash., D.C.), J.A. Hernando, M. Hirayama, S. Jaggard, R.P. Johnson (UC, Santa Cruz), W.N. Johnson (Naval Research Lab, Wash., D.C.), B.B. Jones (Stanford U., Phys. Dept.), W. Kroger (UC, Santa Cruz), Y.C. Lin (Stanford U., Phys. Dept.), C. Meetre (NASA, Goddard), P.F. Michelson (Stanford U., Phys. Dept.), P.A. Milne (Clemson U.), A. Moiseev (NASA, Goddard & Universities Space Research Assoc.), P. Nolan (Stanford U., Phys. Dept.), J.P. Norris (NASA, Goddard), M. Oreglia (Chicago U.), J.F. Ormes (NASA, Goddard), B.F. Philips (Naval Research Lab, Wash., D.C. & Universities Space Research Assoc.), A. Pocar, H.F.W. Sadrozinski (UC, Santa Cruz), Z. Szalata (American U.), D.J. Thompson (NASA, Goddard), W.F. Tompkins (Stanford U., Phys. Dept.). SLAC-PUB-8166, May 1999. 40pp.

Published in **Nucl.Instrum.Meth.A446:444-460,2000**

e-Print Archive: **physics/9905002**

5) NUCLEAR SPIN STRUCTURE MEASUREMENTS AT SLAC.

By E143 Collaboration (R. Arnold *et al.*). 1993.

Given at 2nd International Conference on Physics and Astrophysics of Quark - Gluon Plasma, Calcutta, India, 19-23 Jan 1993.

In *Calcutta 1993, Physics and astrophysics of quark-gluon plasma* 294-315.

6) GISMO: C++ CLASSES FOR HEP.

By W.B. Atwood (SLAC), T.H. Burnett (Washington U., Seattle). 1992.

Prepared for 10th International Conference on Computing in High-energy Physics (CHEP 92), Annecy, France, 21-25 Sept 1992.

In *Annecy 1992, Computing in High Energy Physics '92* 507-510.

7) GLAST BEAM TEST AT SLAC.

By Daniel Engovatov, Perry Anthony, William Atwood, Elliott Bloom, Peter Bosted, John Broeder, Roger Erickson, Ted Fieguth, Neil Johnson, Roger Gearhart, Gary Godfrey, Eric Grove, Masaharu Hirayama, Ying-Chi Lin, Pat Nolan, Rene Ong, Mark Oreglia, Bernard Philips, Charlie Prescott, Leon Rochester, Jeffrey Scargle, Charlie Young (American U. & Stanford U., HEPL & SLAC & NASA, Ames & Chicago U. & Tokyo U. & Naval Research Lab, Wash., D.C.). SLAC-PUB-7323, Oct 1996. 21pp.

Presented at Workshop on the Next Generation of High-Energy Gamma Ray Telescope: Exploring the Astrophysics of Extremes, Greenbelt, MD, 4-6 Sep 1996.

8) TRACKING WITH THE ALEPH TIME PROJECTION CHAMBER.

By W. Wiedenmann, W.B. Atwood, T. Barczewski, L.A.T. Bauerdick, L. Bellantoni, E. Blucher, W. Blum, J. Boudreau, O. Boyle, D. Cinabro, J. Conway, G. Cowan, D.F. Cowen, I. Efthymiopoulos, P. Faure, Z. Feng, F. Fidecaro, B. Gobbo, A.W. Halley, S. Haywood, A. Jahn, R.C. Jared, R.P. Johnson, M. Kasemann, K. Kleinknecht, B. LeClaire, I. Lehraus, T. Lohse, D. Luke, A. Lusiani, P.S. Marrocchesi, J. May, T.C. Meyer, E. Milotti, A. Minten, J. Pater, R. Richter, S. Roehn, L. Rolandi, A. Roth, H. Rotscheidt, D. Schlatter, M. Schmelling, H. Schmidt, J. Schroeder, R. Settles, F. Steeg, G. Stefanini, M. Takashima, W. Tejessy, J. Thomas, A. Vayaki, J. Wear, W. Witzeling, S.L. Wu (CERN & Mainz U., Inst. Phys. & INFN, Pisa & Pisa, Scuola Normale Superiore & INFN, Trieste & Munich, Max Planck Inst. & Glasgow U. & Wisconsin U., Madison & Democritos Nuclear Research Center & LBL, Berkeley). 1991.

Published in **IEEE Trans.Nucl.Sci.38:432-440,1991**

9) THE GISMO PROJECT: APPLICATION OF OBJECT ORIENTED TECHNIQUES TO DETECTOR SIMULATION.

By T.H. Burnett (Washington U., Seattle), W.B. Atwood (SLAC), R. Cailliau, D. Myers, K.M. Storr (CERN). 1990.

In *Erice 1990, Proceedings, Data structures for particle physics experiments* 125-130.

10) THE STATUS OF SLC COMMISSIONING.

By W.B. Atwood (SLAC). 1987.

In *Santa Monica 1987, Proceedings, The fourth family of quarks and leptons* 32-39.

11) BFASST COMPUTING RECOMMENDATIONS.

By David Aston, William Atwood, Ralph Becker, Donald Briggs, Dieter Cords, Tom Glanzman, Walter Innes, Paul F. Kunz, Tomas J. Pavel, Paul E. Rensing, Stephen F. Schaffner (SLAC), Forrest R. Rouse (UC, Davis), Alan Breakstone, Frederick A. Harris, David Britton (Hawaii U. & Yale U.), Mark McDougald (Victoria U. & SLAC). SLAC-BABAR-NOTE-118, Nov 1993. 13pp.

12) GAMMA LARGE AREA SILICON TELESCOPE (GLAST): APPLYING SILICON STRIP DETECTOR TECHNOLOGY TO THE DETECTION OF GAMMA RAYS IN SPACE.

By GLAST Collaboration (W.B. Atwood *for the collaboration*). SLAC-PUB-6267, Jun 1993. 15pp.

Presented at International Symposium on Semiconductor Tracking Detectors, Hiroshima, Japan, 22-24 May 1993.

Published in **Nucl.Instrum.Meth.A342:302-307,1994**

13) THE GISMO PROJECT.

By William Atwood (SLAC), Alan Breakstone (Hawaii U.), David Britton (McGill U.), Toby Burnett (Washington U., Seattle), David Myers (CERN), Gary Word (Rutgers U., Piscataway). SLAC-PUB-6135, Apr 1993. 15pp.

Published in **C++ Rept.5:38-43,1993**

14) THE GISMO PROJECT: C++ AT WORK IN HIGH-ENERGY PHYSICS.

By William Atwood, Alan Breakstone, David Britton, Toby Burnett, David Myers, Gary Word. RX-1429, Apr 1993. 6pp.

Printed in **C++ Report, p.38-43, Mar-Apr 1993.**

15) MEASUREMENT OF PROMPT PHOTON PRODUCTION IN HADRONIC Z DECAYS.

By ALEPH Collaboration (D. Buskulic *et al.*). CERN-PPE-92-143, Aug 1992. 35pp.

Published in **Z.Phys.C57:17-36,1993**

16) GISMO: AN OBJECT ORIENTED PROGRAM FOR HIGH-ENERGY PHYSICS EVENT SIMULATION AND RECONSTRUCTION.

By W.B. Atwood (SLAC), T. Burnett (Washington U., Seattle), R. Cailliau, D.R. Myers, K.M. Storr (CERN). 1992.

Published in **Int.J.Mod.Phys.C3:459-478,1992**

17) MEASUREMENTS OF MEAN LIFETIME AND BRANCHING FRACTIONS OF B HADRONS DECAYING TO J / PSI.

By ALEPH Collaboration and ALEPH Collaboration (D. Buskulic *et al.*). CERN-PPE-92-142, FSU-SCRI-93-71, Aug 1992. 17pp.

Published in **Phys.Lett.B295:396-408,1992**

18) A MEASUREMENT OF THE B BARYON LIFETIME.

By ALEPH Collaboration (D. Buskulic *et al.*). CERN-PPE-92-138, Aug 1992. 16pp.

Published in **Phys.Lett.B297:449-458,1992**

19) UPDATED MEASUREMENT OF THE AVERAGE B HADRON LIFETIME.

By ALEPH Collaboration (D. Buskulic *et al.*). CERN-PPE-92-133, Aug 1992. 16pp.

Published in **Phys.Lett.B295:174-186,1992**

20) OBSERVATION OF THE SEMILEPTONIC DECAYS OF B(S) AND LAMBDA(B) HADRONS AT LEP.

By ALEPH Collaboration (D. Buskulic *et al.*). CERN-PPE-92-073, CERN-PPE-92-73, May 1992. 21pp.

Published in **Phys.Lett.B294:145-156,1992**

21) PROPERTIES OF HADRONIC Z DECAYS AND TEST OF QCD GENERATORS.

By ALEPH Collaboration (D. Buskulic *et al.*). CERN-PPE-92-062, Apr 1992. 62pp.

Published in **Z.Phys.C55:209-234,1992**

22) MEASUREMENT OF THE PRODUCTION RATES OF ETA AND ETA-PRIME IN HADRONIC Z DECAYS.

By ALEPH Collaboration (D. Buskulic *et al.*). CERN-PPE-92-074, May 1992. 15pp.

Published in **Phys.Lett.B292:210-220,1992**

23) FIRST QCD RESULTS FROM SLD.

By SLD Collaboration (P.N. Burrows *et al.*). SLAC-PUB-5802, Apr 1992. 9pp.

Presented at Rencontre de Moriond: QCD and High-Energy Hadronic Interactions, Les Arcs, France, Mar 22-28, 1992.

In *Les Arcs 1992, Proceedings, Perturbative QCD and hadronic interactions* 43-48, and SLAC Stanford - SLAC-PUB-5802 (92/04,rec.Aug.) 9 p. (see Conference Index).

24) MEASUREMENT OF B - ANTI-B MIXING AT THE Z USING A JET CHARGE METHOD.

By ALEPH Collaboration (D. Buskulic *et al.*). CERN-PPE-92-048, Mar 1992. 21pp.

Published in **Phys.Lett.B284:177-190,1992**

25) SEARCH FOR A VERY LIGHT CP ODD NEUTRAL HIGGS BOSON OF THE MSSM.

By ALEPH Collaboration (D. Buskulic *et al.*). CERN-PPE-92-059, Apr 1992. 18pp.

Published in **Phys.Lett.B285:309-318,1992**

26) MEASUREMENT OF ALPHA-S IN HADRONIC Z DECAYS USING ALL ORDERS RESUMMED PREDICTIONS.

By ALEPH Collaboration (D. Decamp *et al.*). CERN-PPE-92-033, Feb 1992. 18pp.

Published in **Phys.Lett.B284:163-176,1992**

27) EVIDENCE FOR THE TRIPLE GLUON VERTEX FROM MEASUREMENTS OF THE QCD COLOR FACTORS IN Z DECAY INTO FOUR JETS.

By ALEPH Collaboration (D. Decamp *et al.*). CERN-PPE-92-31, Feb 1992. 17pp.

Published in **Phys.Lett.B284:151-162,1992**

28) MEASUREMENT OF THE TAU LEPTON LIFETIME.

By ALEPH Collaboration (D. Decamp *et al.*). CERN-PPE-92-003, Jan 1992. 18pp.

Published in **Phys.Lett.B279:411-421,1992**

29) EVIDENCE FOR B BARYONS IN Z DECAYS.

By ALEPH Collaboration (D. Decamp *et al.*). CERN-PPE-91-229, Dec 1991. 14pp.

Published in **Phys.Lett.B278:209-216,1992**

30) MEASUREMENTS OF THE NUCLEON SPIN STRUCTURE AT SLAC IN END STATION A.

By E143 Collaboration (R.G. Arnold *et al.*). SLAC-PROPOSAL-E-143, (Received Feb 1992). 39pp.

31) MEASUREMENT OF TAU BRANCHING RATIOS.

By ALEPH Collaboration (D. Decamp *et al.*). CERN-PPE-91-186, Nov 1991. 40pp.

Published in **Z.Phys.C54:211-228,1992**

32) A STUDY OF BOSE-EINSTEIN CORRELATIONS IN E+ E- ANNIHILATION AT 91-GEV.

By ALEPH Collaboration (D. Decamp *et al.*). CERN-PPE-91-183, Oct 1991. 25pp.

Published in **Z.Phys.C54:75-86,1992**

33) B HADRON LIFETIMES.

By W.B. Atwood, J. Jaros (SLAC). SLAC-PUB-5671, Oct 1991. 31pp.

To be published in B decays, edited by S. Stone.

In *Stone, S. (ed.): B physics* 261-291 and SLAC Stanford - SLAC-PUB-5671 (91/10,rec.Jan.92) 31 p.

34) MEASUREMENT OF THE ABSOLUTE LUMINOSITY WITH THE ALEPH DETECTOR.

By ALEPH Collaboration (D. Decamp *et al.*). CERN-PPE-91-129, Aug 1991. 33pp.

Published in **Z.Phys.C53:375-390,1992**

35) MEASUREMENT OF THE CHARGED PARTICLE MULTIPLICITY DISTRIBUTION IN HADRONIC Z DECAYS.

By ALEPH Collaboration (D. Decamp *et al.*). CERN-PPE-91-159, Sep 1991. 15pp.

Published in **Phys.Lett.B273:181-192,1991**

36) SEARCHES FOR NEW PARTICLES IN Z DECAYS USING THE ALEPH DETECTOR.

By ALEPH Collaboration (D. Decamp *et al.*). CERN-PPE-91-149, Sep 1991. 91pp.

Published in **Phys.Rept.216:253-340,1992**

37) PRODUCTION AND DECAY OF CHARMED MESONS AT THE Z RESONANCE.

By ALEPH Collaboration (D. Decamp *et al.*). CERN-PPE-91-114, Jul 1991. 22pp.

Published in **Phys.Lett.B266:218-230,1991**

38) AN INVESTIGATION INTO INTERMITTENCY.

By ALEPH Collaboration (D. Decamp *et al.*). CERN-PPE-91-121, Jul 1991. 27pp.

Published in **Z.Phys.C53:21-32,1992**

39) SEARCH FOR THE NEUTRAL HIGGS BOSONS OF THE MSSM AND OTHER TWO DOUBLET MODELS.

By ALEPH Collaboration (D. Decamp *et al.*). CERN-PPE-91-111, Jul 1991. 19pp.

Published in **Phys.Lett.B265:475-486,1991**

40) IMPROVED MEASUREMENTS OF ELECTROWEAK PARAMETERS FROM Z DECAYS INTO FERMION PAIRS.

By ALEPH Collaboration (D. Decamp *et al.*). CERN-PPE-91-105, Jul 1991. 40pp.

Published in **Z.Phys.C53:1-20,1992**

41) MEASUREMENT OF THE POLARIZATION OF TAU LEPTONS PRODUCED IN Z DECAYS.

By ALEPH Collaboration (D. Decamp *et al.*). CERN-PPE-91-94, Jun 1991. 28pp.

Published in **Phys.Lett.B265:430-444,1991**

42) MEASUREMENT OF ISOLATED PHOTON PRODUCTION IN HADRONIC Z DECAYS.

By ALEPH Collaboration (D. Decamp *et al.*). CERN-PPE-91-89, Jun 1991. 17pp.

Published in **Phys.Lett.B264:476-486,1991**

43) MEASUREMENT OF THE FORWARD - BACKWARD ASYMMETRY IN $Z \rightarrow B \text{ ANTI-B AND } Z \rightarrow C \text{ ANTI-C}$.

By ALEPH Collaboration (D. Decamp *et al.*). CERN-PPE-91-71, Apr 1991. 19pp.

Published in **Phys.Lett.B263:325-336,1991**

44) CHARGED PARTICLE PAIR PRODUCTION ASSOCIATED WITH A LEPTON PAIR IN Z DECAYS: INDICATION OF AN EXCESS IN THE TAU CHANNEL.

By ALEPH Collaboration (D. Decamp *et al.*). CERN-PPE-91-65, Apr 1991. 27pp.

Published in **Phys.Lett.B263:112-122,1991**

45) SEARCH FOR A NEW WEAKLY INTERACTING PARTICLE.

By ALEPH Collaboration (D. Decamp *et al.*). CERN-PPE-91-26, Feb 1991. 20pp.

Published in **Phys.Lett.B262:139-147,1991**

46) PERFORMANCE OF THE ALEPH TIME PROJECTION CHAMBER.

By W.B. Atwood, T. Barczewski, L.A.T. Bauerdick, L. Bellantoni, E. Blucher, W. Blum, J. Boudreau, O. Boyle, D. Cinabro, J. Conway, G. Cowan, D.F. Cowen, I. Efthymiopoulos, P. Faure, Z. Feng, F. Fidecaro, B. Gobbo, A.W. Halley, S. Haywood, A. Jahn, R.C. Jared, R.P. Johnson, M. Kasemann, K. Kleinknecht, B. Leclaire, I. Lehraus, B. Lofstedt, T. Lohse, D. Luke, A. Lusiani, P.S. Marrocchesi, J. May, T.C. Meyer, F. Morsani, A. Minten, J. Pater, D. Pollmann, M. Price, R. Richter, W. Richter, S. Rohn, L. Rolandi, A. Roth, H. Rotscheidt, D. Schlatter, M. Schmelling, H. Schmidt, J. Schroder, R. Settles, F. Steeg, G. Stefanini, U. Stierlin, M. Takashima, W. Tejessy, I. Ten Have, J. Thomas, A. Vayaki, J. Wear, W. Wiedenmann, W. Witzeling, Sau Lan Wu (CERN & Democritos Nuclear Research Center & Glasgow U. & Mainz U., Inst. Phys. & Munich, Max Planck Inst. & Pisa U. & INFN, Pisa & Pisa, Scuola Normale Superiore & Trieste U. & INFN, Trieste & Wisconsin U., Madison). CERN-PPE-91-24, Feb 1991. 36pp.

Published in **Nucl.Instrum.Meth.A306:446-458,1991**

47) MEASUREMENT OF CHARGE ASYMMETRY IN HADRONIC Z DECAYS.

By ALEPH collaboration (D. Decamp *et al.*). CERN-PPE-91-27, FSU-SCRI-91-45, Feb 1991. 23pp.

Published in **Phys.Lett.B259:377-388,1991**

48) SEARCHES FOR THE STANDARD HIGGS BOSON PRODUCED IN THE REACTION $E^+ E^- \rightarrow H^0 Z^*$.

By ALEPH Collaboration (D. Decamp *et al.*). CERN-PPE-91-19, Jan 1991. 32pp.

Contribution to the Aspen, La Thuile and Moriond Conferences, winter 1991.

49) MEASUREMENT OF ALPHA-S FROM THE STRUCTURE OF PARTICLE CLUSTERS PRODUCED IN HADRONIC Z DECAYS.

By ALEPH Collaboration (D. Decamp *et al.*). CERN-PPE-90-196, Dec 1990. 15pp.
Published in **Phys.Lett.B257:479-491,1991**

51) MEASUREMENT OF B - ANTI-B MIXING AT THE Z.

By ALEPH Collaboration (D. Decamp *et al.*). CERN-PPE-90-194, Dec 1990. 16pp.
Published in **Phys.Lett.B258:236-246,1991**

52) MEASUREMENT OF THE STRONG COUPLING CONSTANT ALPHA-S FROM GLOBAL EVENT SHAPE VARIABLES OF HADRONIC Z DECAYS.

By ALEPH Collaboration (D. Decamp *et al.*). CERN-PPE-90-176, Nov 1990. 17pp.
Published in **Phys.Lett.B255:623-633,1991**

53) PROPOSAL FOR THE MARK-II AT SLC.

By Cal Tech-LBL-Santa Cruz-Hawaii-Michigan-SLAC Collaboration (G. Trilling *et al.*). SLAC-PUB-3561, CALT-68-1015, Jan 1985. 170pp.
Also shelved as SLAC-PROPOSAL-SLC-06.
See also the BOOKS subfile under call number: QCD201:S7.

54) MONTE CARLO AND DETECTOR SIMULATION IN OOP.

By W.B. Atwood, Richard Blankenbecler, Paul F. Kunz (SLAC), T. Burnett, Kenneth Storr (CERN). SLAC-PUB-5359, Oct 1990. 8pp.
Invited talk given at Symp. on Detector Research and Development for the Supercollider, Ft. Worth, TX, Oct 15-18, 1990.
Published in Fort Worth Detector Res. 1990:0596-603 ([QCD201:S8:1990](#))

55) SEARCH FOR EXCITED NEUTRINOS IN Z DECAY.

By ALEPH Collaboration (D. Decamp *et al.*). CERN-PPE-90-107, Aug 1990. 16pp.
Published in **Phys.Lett.B250:172-182,1990**

56) MEASUREMENT OF ELECTROWEAK PARAMETERS FROM Z DECAYS INTO FERMION PAIRS.

By ALEPH Collaboration (D. Decamp *et al.*). CERN-PPE-90-104, Jul 1990. 51pp.
Published in **Z.Phys.C48:365-392,1990**

57) SEARCHES FOR THE STANDARD HIGGS BOSON.

By ALEPH Collaboration (D. Decamp *et al.*). CERN-PPE-90-101, Jul 1990. 12pp.
Published in **Phys.Lett.B246:306-314,1990**

58) SEARCH FOR A VERY LIGHT HIGGS BOSON IN Z DECAYS.

By ALEPH Collaboration (D. Decamp *et al.*). CERN-EP/90-70, May 1990. 14pp.
Published in **Phys.Lett.B245:289-297,1990**

59) SEARCH FOR NEUTRALINO PRODUCTION IN Z DECAYS.

By ALEPH Collaboration (D. Decamp *et al.*). CERN-EP/90-63, May 1990. 12pp.
Published in **Phys.Lett.B244:541-550,1990**

60) HEAVY FLAVOR PRODUCTION IN Z DECAYS.

By ALEPH Collaboration (D. Decamp *et al.*). CERN-EP/90-54, Apr 1990. 25pp.
Published in **Phys.Lett.B244:551-565,1990**

61) THE REASON PROJECT.

By W.B. Atwood, Richard Blankenbecler, Paul F. Kunz, Benoit Mours, A. Weir (SLAC), G. Word (Vanderbilt U.).
SLAC-PUB-5242, Apr 1990. 11pp.
Contributed to 8th Conf. on Computing in High Energy Physics, Santa Fe, NM, Apr 9-13, 1990.
Published in Santa Fe Computing 1990:320-330 ([QCD201:T5:1990](#)) Also in Moriond 1990: Hadronic:523-532
([QCD161:R4:1990:V.2](#)) (Kunz first author in Moriond proceedings) Also in Lyon Software Eng. 1990:241-250
([QC45:I5:1990](#))

62) SEARCH FOR DECAYS OF THE Z0 INTO A PHOTON AND A PSEUDOSCALAR MESON.

By ALEPH Collaboration (D. Decamp *et al.*). CERN-EP/90-23, Feb 1990. 12pp.
Published in **Phys.Lett.B241:635,1990**

63) A SEARCH FOR PAIR PRODUCED CHARGED HIGGS BOSONS IN Z0 DECAYS.

By ALEPH Collaboration (D. Decamp *et al.*). CERN-EP-90-34, Mar 1990. 24pp.
Published in **Phys.Lett.B241:623,1990**

64) SEARCH FOR THE NEUTRAL HIGGS BOSON FROM Z0 DECAY IN THE HIGGS MASS RANGE BETWEEN 11-GEV AND 24-GEV.

By ALEPH Collaboration (D. Decamp *et al.*). CERN-EP/90-16, Jan 1990. 18pp.
Published in **Phys.Lett.B241:141,1990**

65) A PRECISE DETERMINATION OF THE NUMBER OF FAMILIES WITH LIGHT NEUTRINOS AND OF THE Z BOSON PARTIAL WIDTHS.

By ALEPH Collaboration (D. Decamp *et al.*). CERN-EP/89-169, Dec 1989. 26pp.
Published in **Phys.Lett.B235:399,1990**

66) SEARCH FOR NEUTRAL HIGGS BOSONS FROM SUPERSYMMETRY IN Z DECAYS.

By ALEPH Collaboration (D. Decamp *et al.*). CERN-EP/89-168, Dec 1989. 20pp.
Published in **Phys.Lett.B237:291,1990**

67) SEARCH FOR EXCITED LEPTONS IN Z0 DECAY.

By ALEPH Collaboration (D. Decamp *et al.*). CERN-EP/89-167, Dec 1989. 21pp.
Published in **Phys.Lett.B236:501,1990**

68) A SEARCH FOR NEW QUARKS AND LEPTONS FROM Z0 DECAY.

By ALEPH Collaboration (D. Decamp *et al.*). CERN-EP/89-165, Dec 1989. 24pp.
Published in **Phys.Lett.B236:511,1990**

69) B PHYSICS AT THE Z0 POLE.

By W.B. Atwood (SLAC), Benoit Mours (SLAC & Annecy, LAPP). SLAC-PUB-5048, Oct 1989. 24pp.
Invited talk given at Workshop on B Physics, Blois, France, Jun 26 - Jul 1, 1989.

In *Blois 1989, CP violation and beauty factories and related issues in physics* 250-261, and SLAC Stanford - SLAC-PUB-5048 (89,rec.Dec.) 24 p.

70) CP VIOLATION WITH POLARIZED Z0.

By W.B. Atwood, Isard Duniety (SLAC), P. Grosse-Wiesmann (CERN), Satoshi Matsuda (Kyoto U.), A.I. Sanda (Rockefeller U.). SLAC-PUB-5006, DOE/ER/40325-66, Oct 1989. 6pp.

Published in **Phys.Lett.B232:533,1989**

71) B IDENTIFICATION BY TOPOLOGY WITH THE SLD DETECTOR.

By W.B. Atwood (SLAC). SLAC-PUB-5047, Aug 1989. 9pp.

Contributed to Workshop on B Factories and Related Issues, Blois, France, Jun 26 - Jul 1, 1989.

In *Blois 1989, CP violation and beauty factories and related issues in physics* 36-40, and SLAC Stanford - SLAC-PUB-5047 (89,rec.Oct.) 8 p.

72) INITIAL MEASUREMENTS OF Z BOSON RESONANCE PARAMETERS IN E+ E- ANNIHILATION.

By G.S. Abrams, Chris Adolphsen, R. Aleksan, James P. Alexander, M.A. Allen, W.B. Atwood, D. Averill, Joseph Ballam, P. Bambade, Barry C. Barish, T. Barklow, B.A. Barnett, John E. Bartelt, S. Bethke, D. Blockus, W. de Boer, Giovanni Bonvicini, A. Boyarski, B.B. Brabson, Alan Breakstone, Martin Breidenbach, J.M. Brom, J.S. Brown, Karl L. Brown, F. Bulos, P. Burchat, D.L. Burke, R.J. Cence, J. Chapman, M. Chmeissani, J.E. Clendenin, D. Cords, D. Coupal, Paul Dauncey, N. Dean, H.C. DeStaebler, David E. Dorfan, J. Dorfan, P. Drell, David Drewer, F. Dydak, Stanley D. Ecklund, R. Elia, R. Erickson, J. Fay, G.J. Feldman, R.C. Field, T.H. Fieguth, G.E. Fischer, W.T. Ford, C. Fordham, R. Frey, D. Fujino, K.K. Gan, C. Gatto, E. Gero, G. Gidal, T. Glanzman, G. Goldhaber, J.J. Gomez Cadenas, Giorgio Gratta, G. Grindhammer, P. Grosse-Wiesmann, G. Hanson, R. Harr, B.D. Harral, F.A. Harris, Chris Hawkes, K.G. Hayes, C. Hearty, D. Herrup, C.A. Heusch, M.D. Hildreth, T. Himel, D.A. Hinshaw, S. Holmgren, S.J. Hong, D. Hutchinson, A. Hutton, J. Hylen, W.R. Innes, Robert Jacobsen, M. Jaffre, J. Jaros, R.Keith Jobe, C.K. Jung, J.A. Kadyk, D. Karlen, J. Kent, M. King, S. Klein, D. Koetke, Sachio Komamiya, Wayne A. Koska, L.A. Kowalski, W. Kozanecki, J.F. Kral, M. Kuhlen, A.V. Kulikov, L. Labarga, A.J. Lankford, Rudolf R. Larsen, F. Le Diberder, M.E. Levi, A. Litke, T. Lohse, V. Luth, G. Lynch, J.A. McKenna, J.A.J. Matthews, T. Mattison, B.D. Milliken, K.C. Moffeit, C.T. Munger, J.J. Murray, W.N. Murray, J. Nash, H. Ogren, R.A. Ong, K.F. O'Shaughnessy, S.I. Parker, C. Peck, Martin L. Perl, F. Perrier, A. Petersen, M. Petradza, N. Phinney, R. Pitthan, F. Porter, P. Rankin, John R. Rees, J. Richman, K. Riles, L.Z. Rivkin, M.C. Ross, F. Rouse, D. Rust, H.F.W. Sadrozinski, T. Schaad, T. Schalk, B.A. Schumm, A. Schwarz, J. Seeman, A. Seiden, J.C. Sheppard, J.G. Smith, A. Snyder, E. Soderstrom, R. Stiening, D.P. Stoker, R. Stroynowski, Morris L. Swartz, R. Thun, N. Toge, G. Trilling, R. Van Kooten, P. Voruganti, S.R. Wagner, S. Watson, P. Weber, A. Weigend, A. Weinstein, A. Weir, S.L. White, E. Wicklund, R.C. Wolf, D.R. Wood, M. Woods, G. Wormser, Robert M. Wright, D.Y. Wu, M. Yurko, C. Zaccardelli, Christoph Von Zanthier (LBL, Berkeley & UC, Berkeley & UC, Santa Cruz & SLAC & Indiana U. & Cal Tech & Johns Hopkins U. & Michigan U. & Hawaii U. & Colorado U.).

SLAC-PUB-5037, LBL-27518, Aug 1989. 14pp.
Published in **Phys.Rev.Lett.****63:724,1989**

73) THE SLAC LINAC AS USED IN THE SLC COLLIDER.

By J. Seeman, G.S. Abrams, Chris Adolphsen, W.B. Atwood, K.L. Bane, R. Iverson, Robert Jacobsen, T. Himel, R.Keith Jobe, T.L. Lavine, Martin J. Lee, D. McCormick, P.L. Morton, R. Pitthan, A. Rackelmann, M.C. Ross, R.D. Ruth, J.C. Sheppard, P. Smith, E. Soderstrom, M. Stanek, R. Stiening, Morris L. Swartz, K. Thompson, J.L. Turner, S.H. Williams, A. Weinstein, M.D. Woodley, J.E. Zicker (SLAC & LBL, Berkeley & UC, Santa Cruz & Cal Tech). SLAC-PUB-4890, LBL-27567, Jun 1989. 4pp.

Presented at 1989 IEEE Particle Accelerator Conf., Chicago, Ill., Mar 20-23, 1989.

Published in IEEE Part.Accel.1989:983-986 ([QCD183:P3:1989:V.2](#))

74) BEAM BASED ALIGNMENT TECHNIQUE FOR THE SLC LINAC.

By Chris Adolphsen (UC, Santa Cruz), T.L. Lavine, W.B. Atwood, T. Himel, Martin J. Lee, T. Mattison, R. Pitthan, J. Seeman, S.H. Williams (SLAC), G. Trilling (LBL, Berkeley). SLAC-PUB-4902, LBL-27057, Mar 1989. 3pp.

Presented at IEEE Particle Accelerator Conf., Chicago, Ill., Mar 20-23, 1989.

Published in IEEE Part.Accel.1989:977-979 ([QCD183:P3:1989:V.2](#)) (Lavine first author in journal)

75) REPORT OF THE B FACTORY GROUP. 2. ACCELERATOR TECHNOLOGY.

By R. Siemann, D.G. Cassel, G.J. Feldman, M.S. Alam, R. Aleksan, W.B. Atwood, John E. Bartelt, J. Bisognano, J.R. Boyce, D. Cline, G. Coignet, P. Drell, A.M. Eisner, A. Fridman, A. Garren, P. Grosse-Wiesmann, D. Hitlin, S. Holmgren, H. Kagan, N. Katayama, H. Koiso, N.B. Mistry, T. Nakada, P. Oddone, R.B. Palmer, R. Panvini, D.E. Pellett, F. Porter, John R. Rees, D. Rubin, E.I. Shibata, G. Trilling, J.J. Welch, W.A. Wenzel, M.S. Witherell (Cornell U., LNS & SLAC & SUNY, Albany & Jefferson Lab & UCLA & Annecy, LAPP & UCIIRPA, SLAC & SSCL & Cal Tech & LBL, Berkeley & UC, Berkeley & Ohio State U. & KEK, Tsukuba & PSI, Villigen & Vanderbilt U. & UC, Davis & Purdue U. & UC, Santa Barbara). SLAC-PUB-4839, CLNS-89-883, LBL-26791, Jan 1989. 20pp.

Contributed DPF Summer Study: Snowmass '88, High Energy Physics in the 1990's, Snowmass, CO, Jun 27 - Jul 15, 1988.

Published in Snowmass: DPF Summer Study 1988:572 ([QCD161:D15:1988](#))

76) REPORT OF THE B FACTORY GROUP. 1. PHYSICS AND TECHNIQUES.

By G.J. Feldman, D.G. Cassel, R. Siemann, M.S. Alam, R. Aleksan, W.B. Atwood, John E. Bartelt, J. Bisognano, J.R. Boyce, D. Cline, G. Coignet, P. Drell, A.M. Eisner, A. Fridman, A. Garren, P. Grosse-Wiesmann, D. Hitlin, S. Holmgren, H. Kagan, N. Katayama, H. Koiso, N.B. Mistry, T. Nakada, P. Oddone, R.B. Palmer, R. Panvini, D.E. Pellett, F. Porter, John R. Rees, D. Rubin, E.I. Shibata, G. Trilling, J.J. Welch, W.A. Wenzel, M.S. Witherell (SLAC & Cornell U., LNS & SUNY, Albany & Jefferson Lab & UCLA & Annecy, LAPP & UCIIRPA, SLAC & SSCL & Cal Tech & LBL, Berkeley & UC, Berkeley & Ohio State U. & KEK, Tsukuba & PSI, Villigen & Vanderbilt U. & UC, Davis & Purdue U. & UC, Santa Barbara). SLAC-PUB-4838, CLNS-89-884, LBL-26790, Jan 1989. 11pp.

Contributed to DPF Summer Study: Snowmass '88, High Energy Physics in the 1990's, Snowmass, CO, Jun 27 - Jul 15, 1988.

Published in Snowmass: DPF Summer Study 1988:561 ([QCD161:D15:1988](#))

77) B MESON PHYSICS WITH POLARIZED ELECTRON BEAMS AT LINEAR COLLIDERS RUNNING AT THE Z⁰.

By W.B. Atwood (SLAC). SLAC-PUB-4827, Dec 1988. 7pp.

Presented at DPF Summer Study Snowmass '88, High Energy Physics in the 1990's, Snowmass, CO, Jun 27 - Jul 15, 1988.

Published in Snowmass: DPF Summer Study 1988:0392 ([QCD161:D15:1988](#))

78) A STATUS REPORT ON THE SLD DATA ACQUISITION SYSTEM.

By SLD Collaboration (Martin Breidenbach *et al.*). SLAC-PUB-4786, Nov 1988. 6pp.
Presented at Nuclear Science Symp., Orlando, FL, Nov 9-11, 1988.
Published in **IEEE Trans.Nucl.Sci.36:23-28,1989**

79) B MESON PHYSICS WITH POLARIZED ELECTRON BEAMS AT THE SLC.

By W.B. Atwood (SLAC). SLAC-PUB-4668, Sep 1988. 9pp.
Invited talk given at 8th Int. Symp. on High Energy Spin Physics, Minneapolis, MN, Sep 12-17, 1988.
Published in Minneapolis Spin Conf.1988:271 ([QCD161:S921:1988:V.1](#))

80) BEAM DETERMINATION OF QUADRUPOLE MISALIGNMENTS AND BEAM POSITION MONITOR BIASES IN THE SLC LINAC.

By T.L. Lavine, J. Seeman, W.B. Atwood, T. Himel, A. Petersen (SLAC), Chris Adolphsen (UC, Santa Cruz).
SLAC-PUB-4720, Sep 1988. 3pp.
Presented at Linear Accelerator Conf., Williamsburg, Va., Oct 3-7, 1988.

81) CP VIOLATION AT THE Z0 WITH POLARIZED BEAMS.

By W.B. Atwood, Isard Dunietz, P. Grosse-Wiesmann (SLAC). SLAC-PUB-4544, Apr 1988. 13pp.
Published in **Phys.Lett.B216:227,1989**

82) AN IMPROVED MEASUREMENT OF THE AVERAGE LIFETIME OF HADRONS CONTAINING BOTTOM QUARKS.

By DELCO Collaboration (D.E. Klem *et al.*). SLAC-PUB-4025, Sep 1986. 49pp.
Published in **Phys.Rev.D37:41,1988**

83) QUASIREAL COMPTON SCATTERING MEASUREMENT AND E* SEARCH WITH DELCO AT PEP.

By DELCO Collaboration (Gerard Bonneaud *et al.*). SLAC-PUB-3748, LAL/8614, Aug 1985. 17pp.
Published in **Phys.Lett.B177:109,1986**

84) PROPOSAL FOR POLARIZATION AT THE SLC.

By D. Blockus, J.M. Brom, H. Ogren, D. Rust (Indiana U.), R. Cahn, Owen Chamberlain, Raymond Z. Fuzesy, Gilbert Shapiro, Herbert Steiner (LBL, Berkeley & UC, Berkeley), W.B. Atwood, J.E. Clendenin, D. Cords, T.H. Fieguth, P. Grosse-Wiesmann, L.P. Keller, B.W. Lynn, K.C. Moffeit, J.J. Murray, Henning Petersen, C.Y. Prescott, Charles K. Sinclair, S.J. St. Lorant, Dieter R. Walz (SLAC), G. Diambri-Palazzi (Rome U.), M. Dameri, R. Parodi, R. Vaccarone (Genoa U.), J.R. Johnson, T. Maruyama, R. Prepost (Wisconsin U., Madison). SLAC-PROPOSAL-SLC-UPGRADE-01, (Received Apr 1986). 176pp.
Includes Letter of intent 'A proposal for the SLC Spectrometer Facility (SSF)' and the Technical Supplement to the letter of intent.

85) PERFORMANCE OF THE SLD CENTRAL DRIFT CHAMBER PROTOTYPE.

By W.B. Atwood, J. Carr, G.B. Chadwick, S. Csorna, T. Hansl-Kozanecka, C. Hodges, U. Nauenberg, B.S. Nielsen, R. Panvini, C.Y. Prescott, T.W. Reeves, L.S. Rochester, K. Simpson, A. Steiner, C. Young (San Francisco State U. & SLAC & Colorado U. & Vanderbilt U.). SLAC-PUB-3910, Mar 1986. 14pp.
Presented at Wire Chamber Conf., Vienna, Austria, Feb 25-28, 1986.
Published in **Nucl.Instrum.Meth.A252:295,1986** Also in Wire Chamber Conf.1986:295 (or see above page in: Nucl.Instrum.Meth.A252,1986)

86) STUDY OF THE THREE PRONG TAU DECAYS AND DETERMINATION OF THE A1 PARAMETERS.

By DELCO Collaboration (W. Ruckstuhl *et al.*). CALT-68-1310, (Received Jan 1986). 14pp.
Published in **Phys.Rev.Lett.****56:2132,1986**

87) PROMPT ELECTRON PRODUCTION FROM DELCO AT PEP.

By DELCO Collaboration (T. Pal *et al.*). CALT-68-1283, (Received Jan 1986). 9pp.
Published in **Phys.Rev.D****33:2708,1986** (*Title changed in journal*)

88) PERFORMANCE OF THE SLD CENTRAL DRIFT CHAMBER PROTOTYPE.

By C. Young, W.B. Atwood, J. Carr, G.B. Chadwick, S. Csorna, T. Hansl-Kozanecka, C. Hodges, G. Mundy, U. Nauenberg, R. Panvini, C.Y. Prescott, T.W. Reeves, L.S. Rochester, S. Salomon, K. Simpson, A. Steiner (San Francisco State U. & SLAC & Colorado U. & Vanderbilt U.). SLAC-PUB-3782, Sep 1985. 2pp.
Poster paper given at Nuclear Science Symposium, San Francisco, CA, Oct 23-25, 1985.
Published in **IEEE Trans.Nucl.Sci.****33:176-177,1986** Also in Nucl.Sci.Symp.1985:176 (or see above page in: IEEE Trans.NS-33,1986)

89) ANALYSIS OF DIGITIZED WAVE FORMS IN A PROTOTYPE OF THE SLD CENTRAL DRIFT CHAMBER.

By C. Hodges, W.B. Atwood, J. Carr, G.B. Chadwick, S. Csorna, T. Hansl-Kozanecka, G. Mundy, U. Nauenberg, R. Panvini, C.Y. Prescott, T.W. Reeves, L.S. Rochester, S. Salomon, K. Simpson, A. Steiner, C. Young (San Francisco State U. & SLAC & Colorado U. & Vanderbilt U.). SLAC-PUB-3776, Sep 1985. 2pp.
Presented at Nuclear Science Symposium, San Francisco, CA, Oct 23-25, 1985.
Published in **IEEE Trans.Nucl.Sci.****33:167-168,1986** Also in Nucl.Sci.Symp.1985:167 (or see above page in: IEEE Trans.NS-33,1986)

90) MEASUREMENT OF D0 LIFETIME IN E+ E- ANNIHILATION AT HIGH-ENERGY.

By DELCO Collaboration (H. Yamamoto *et al.*). SLAC-PUB-3628, CALT-68-1262, Apr 1985. 46pp.
Published in **Phys.Rev.D****32:2901,1985**

91) PROPERTIES OF BOTTOM QUARK JETS IN E+ E- ANNIHILATION AT 29-GEV.

By DELCO Collaboration (M. Sakuda *et al.*). CALT-68-1164, (Received Dec 1984). 11pp.
Published in **Phys.Lett.B****152:399,1985**

92) AN UPPER BOUND ON THE TAU-NEUTRINO MASS FROM THE PREVIOUSLY UNOBSERVED DECAY MODE TAU ---> K K PI TAU-NEUTRINO.

By DELCO Collaboration (G.B. Mills *et al.*). CALT-68-1196, (Received Nov 1984). 12pp.
Published in **Phys.Rev.Lett.****54:624,1985**

93) CHARGED D* PRODUCTION IN E+ E- ANNIHILATION AT 29-GEV AND A LIMIT ON D0 - ANTI-D0 MIXING.

By H. Yamamoto, W.B. Atwood, P. Baillon, Barry C. Barish, Gerard Bonneaud, A. Courau, G. Donaldson, R. Dubois, M. Duro, E.E. Elsen, S.G. Gao, Y.Z. Huang, G. Irwin, R.P. Johnson, H. Kichimi, J. Kirkby, D.E. Klem, D.E. Koop, J. Ludwig, G.B. Mills, A. Ogawa, T. Pal, D. Perret-Gallix, R. Pitthan, D.L. Pollard, C.Y. Prescott, L.Z. Rivkin, L.S. Rochester, W. Ruckstuhl, M. Sakuda, S.S. Sherman, E.J. Siskind, R. Stroynowski, S.Q. Wang, Stanley G. Wojcicki, W.G. Yan, C. Young (Cal Tech & SLAC & Stanford U., Phys. Dept.). SLAC-PUB-3498, CALT-68-1206, Oct 1984. 13pp.
Published in **Phys.Rev.Lett.****54:522-525,1985**

94) MEASUREMENT OF THE AVERAGE B HADRON LIFETIME USING PROMPT ELECTRONS.

By DELCO Collaboration (D.E. Klem *et al.*). SLAC-PUB-3379, Jul 1984. 16pp.

Published in **Phys.Rev.Lett.****53:1873,1984** (*Title changed in journal*)

95) PION PAIR PRODUCTION FROM GAMMA GAMMA INTERACTIONS AT PEP AND THE RADIATIVE WIDTH OF THE F0 MESON.

By DELCO Collaboration (A. Courau *et al.*). SLAC-PUB-3362, Jun 1984. 14pp.

Published in **Phys.Lett.****B147:227,1984**

96) MEASUREMENT OF THE CABIBBO SUPPRESSED DECAYS $\tau \rightarrow K \tau \nu$ AND $\tau \rightarrow K \tau \nu \pi^0$.

By DELCO Collaboration (G.B. Mills *et al.*). CALT-68-1104, SLAC-PUB-3338, (Received Apr 1984). 14pp.

Published in **Phys.Rev.Lett.****52:1944,1984**

97) LARGE AREA SPARK COUNTERS WITH FINE TIME AND POSITION RESOLUTION.

By A. Ogawa, W.B. Atwood (SLAC), N. Fujiwara (Nara Women's U.), Yu.N. Pestov (Novosibirsk, IYF), R. Sugahara (KEK, Tsukuba). SLAC-PUB-3298, Oct 1983. 4pp.

Contributed to Nuclear Science Symposium, San Francisco, CA, Oct 19-21, 1983.

98) RESULTS FROM THE SLAC PSC DEVELOPMENT PROGRAM. (TALK).

By W.B. Atwood (SLAC). 1982.

In *Stanford 1982, Proceedings, Instrumentation For Colliding Beam Physics*, 132-135.

99) RECENT RESULTS FROM DELCO.

By W.B. Atwood, P. Baillon, Barry C. Barish, Gerard Bonneaud, H.C. DeStaebler, G. Donaldson, R. Dubois, M. Duro, E.E. Elsen, S.G. Gao, Y.Z. Huang, G. Irwin, R.P. Johnson, H. Kichimi, J. Kirkby, D.E. Klem, D.E. Koop, J. Ludwig, G.B. Mills, A. Ogawa, T. Pal, D. Perret-Gallix, R. Pitthan, D.L. Pollard, C.Y. Prescott, L.Z. Rivkin, L.S. Rochester, W. Ruckstuhl, M. Sakuda, S.S. Sherman, E.J. Siskind, R. Stroynowski, S.Q. Wang, Stanley G. Wojcicki, H. Yamamoto, W.G. Yan, C. Young (Cal Tech & SLAC & Stanford U., Phys. Dept.). SLAC-PUB-3260, Nov 1983. 31pp.

Presented at 11th SLAC Summer Inst. on Particle Physics, Stanford, CA, Jul 18-26, 1983.

Published in SLAC Summer Inst.1983:607 ([QCD161:S76:1983](#)) (*Presented by Young in proceedings*)

100) PROMPT ELECTRON PRODUCTION IN e^+e^- ANNIHILATION AT 29-GEV.

By DELCO Collaboration (D.E. Koop *et al.*). SLAC-PUB-3266, Dec 1983. 14pp.

Published in **Phys.Rev.Lett.****52:970,1984**

101) A COMPARISON OF THE DEEP INELASTIC STRUCTURE FUNCTIONS OF DEUTERIUM, ALUMINUM AND STEEL NUCLEI. (TALK).

By ROCHESTER-SLAC-MIT COLLABORATION (A. Bodek *et al.*). 1983.

In *La Plagne 1983, Proceedings, Beyond The Standard Model*, 223-229 and Rochester Univ. - UR-852 (83,REC.MAY) 7p.

102) ELECTRON SCATTERING FROM NUCLEAR TARGETS AND QUARK DISTRIBUTIONS IN NUCLEI.

By A. Bodek, W. Atwood, M. Breidenbach, D. Coward, D. Dubin, J. Elias, J. Friedman, N. Giokaris, H. Kendall, J. Poucher, E. Riordan, D. Sherden (Rochester U. & SLAC & MIT, LNS). UR-865, COO-3065-372, Jul 1983. 2pp.

Presented at Int. Europhysics Conf. on High Energy Physics, Brighton, England, Jul 20-27, 1983.

103) A COMPARISON OF THE DEEP INELASTIC STRUCTURE FUNCTIONS OF DEUTERIUM AND ALUMINUM NUCLEI.

By A. Bodek, N. Giokaris (Rochester U.), W.B. Atwood, D.H. Coward (SLAC), D.L. Dubin, Martin Breidenbach, J.E. Elias, Jerome I. Friedman, Henry W. Kendall, J.S. Poucher, E.M. Riordan (MIT, LNS). SLAC-PUB-3089, UR-846, COO-3065-353, Mar 1983. 11pp.

Published in **Phys.Rev.Lett.****51:534,1983**

104) ELECTRON SCATTERING FROM NUCLEAR TARGETS AND QUARK DISTRIBUTIONS IN NUCLEI.

By A. Bodek, N. Giokaris (Rochester U.), W.B. Atwood, D.H. Coward, D. Sherden (SLAC), D.L. Dubin, J.E. Elias, Jerome I. Friedman, Henry W. Kendall, J.S. Poucher, E.M. Riordan, M.R. Sogard (MIT, LNS). SLAC-PUB-3041, UR-841, COO-3065-348, Jan 1983. 12pp.

Published in **Phys.Rev.Lett.****50:1431,1983**

105) FIRST RESULTS FROM DELCO AT PEP.

By W.B. Atwood, P. Baillon, Barry C. Barish, Gerard Bonneaud, H.C. DeStaebler, G. Donaldson, R. Dubois, M. Duro, S.G. Gao, Y.Z. Huang, G. Irwin, R.P. Johnson, H. Kichimi, J. Kirkby, D.E. Klem, D.E. Koop, J. Ludwig, G.B. Mills, A. Ogawa, D. Perret-Gallix, R. Pitthan, D.L. Pollard, C.Y. Prescott, L.Z. Rivkin, L.S. Rochester, W. Ruckstuhl, M. Sakuda, S.S. Sherman, E.J. Siskind, R. Stroynowski, S.Q. Wang, Stanley G. Wojcicki, H. Yamamoto, W.G. Yan, C. Young (Cal Tech & SLAC & Stanford U., Phys. Dept.). SLAC-PUB-2981, Oct 1982. 7pp.

Invited talk presented at 21st Int. Conf. on High Energy Physics, Paris, France, Jul 26-31, 1982.

Published in Paris High Energy Phys.1982:45 ([QCD161:H51:1982](#)) (*Presented by Kirkby in proceedings*)

(*J.Physique 43,Supp.C-3*)

106) PROPOSAL FOR THE MARK-II AT SLC.

By Cal Tech-LBL-Santa Cruz-Hawaii-Michigan-SLAC Collaboration (G. Trilling *et al.*). SLAC-PROPOSAL-SLC-06, CALT-68-1015, Apr 1983. 170pp.

See also the BOOKS subfile under call number: QCD201:S7. Also shelved as SLAC-PUB-3561: Includes two addenda numbered SLAC-Proposal SLC-06A and SLAC-PROPOSAL-SLC-06B.

107) SLD: LETTER OF INTENT.

By SLD Collaboration (D. Axen *et al.*). SLAC-PROPOSAL-SLC-09, SLC-LI-09, 1982. 59pp.

108) THE RATIO SIGMA-L / SIGMA-T FROM DEEP INELASTIC ELECTRON SCATTERING.

By M.D. Mestayer, W.B. Atwood, E.D. Bloom, R.Leslie Cottrell, H.C. DeStaebler, C.Y. Prescott, L.S. Rochester, S. Stein, Richard E. Taylor, D. Trines (SLAC). SLAC-PUB-2933, Jun 1982. 13pp.

Published in **Phys.Rev.****D27:285,1983**

109) A TEST OF PLANAR SPARK COUNTERS AT THE PEP STORAGE RING.

By W.B. Atwood, G.B. Bowden, Gerard Bonneaud, D.E. Klem, A. Ogawa, Yu.N. Pestov, R. Pitthan, R. Sugahara (SLAC). SLAC-PUB-2848, Nov 1981. 28pp.

Published in **Nucl.Instrum.Meth.****206:99,1983**

110) PRODUCTION DYNAMICS OF HIGH MASS MUON PAIRS.

By D. Antreasyan, W. Atwood, U. Becker, G. Bellettini, P.L. Braccini, J.G. Branson, J.D. Burger, F. Carbonara, R. Carrara, R. Castaldi, V. Cavasinni, F. Cervelli, M. Chen, G. Chieffari, T. Del Prete, E. Drago, M. Fujisaki, M.F. Hodous, T. Lagerlund, P. Laurelli, O. Leistam, D. Luckey, M.M. Massai, T. Matsuda, L. Merola, M. Morganti, M.

Napolitano, H. Newman, D. Novikoff, J.A. Paradiso, L. Perasso, K. Reibel, R. Rinzivillo, G. Sanguinetti, I. Schulz, G. Sciacca, P. Spillantini, M. Steuer, K. Strauch, S. Sugimoto, S.C.C. Ting, W. Toki, M. Valdata-Nappi, C. Vannini, F. Vannucci, F. Visco (CERN & MIT, LNS & Annecy, LAPP & Harvard U. & Pisa U.). 1981.
Published in **Phys.Rev.Lett.****47:12-15,1981**

111) DIMUON PRODUCTION AT THE I.S.R. (TALK).

By CERN-HARVARD-ANNECY(LAPP)-MIT-NAPLES-PISA COLLABORATION (F. Vannucci *et al.*). 1980.
In *Les Arcs 1980, Proceedings, Elementary Constituents and Hadronic Structure, Vol. 1*, 61-65.

112) ASSOCIATED HADRONIC PRODUCTION IN MU PAIR EVENTS AT THE CERN INTERSECTING STORAGE RINGS.

By D. Antreasyan, W. Atwood, U. Becker, G. Bellettini, P.L. Braccini, J.G. Branson, J.D. Burger, F. Carbonara, R. Carrara, R. Castaldi, V. Cvasinni, F. Cervelli, M. Chen, G. Chiefari, T. Del Prete, E. Drago, M. Fujisaki, M.F. Hodous, T. Lagerlund, P. Laurelli, O. Leistam, D. Luckey, M.M. Massai, T. Matsuda, L. Merola, M. Morganti, M. Napolitano, H. Newman, D. Novikoff, J.A. Paradiso, L. Perasso, K. Reibel, R. Rinzivillo, G. Sanguinetti, I. Schulz, G. Sciacca, P. Spillantini, M. Steuer, S. Sugimoto, W. Toki, M. Valdata-Nappi, C. Vannini, F. Vannucci, F. Visco, S.L. Wu (CERN & Harvard U. & MIT, LNS & Naples U. & INFN, Naples & Pisa U. & Pisa, Scuola Normale Superiore & INFN, Pisa). CERN-EP/81-116, Sep 1981. 26pp.
Published in **Nucl.Phys.B****199:365,1982**

113) MEASUREMENT OF ANTI-PROTON - PROTON FORWARD CHARGE EXCHANGE SCATTERING.

By W. Atwood, B. Barish, H.W. Nicholson, J. Pine, A.V. Tollestrup, J.K. Yoh (Cal Tech), A.S. Carroll (Brookhaven), F. Lobkowicz, A. Melissinos, Y. Nagashima (Rochester U.). CALT-68-273, Sep 1970. 23pp.
Published in **Phys.Rev.D****2:2519,1970**

114) PRELIMINARY RESULTS FROM A RECENT EXPERIMENT ON INCLUSIVE DEEP INELASTIC SCATTERING.

By W.B. Atwood, E.D. Bloom, R.L.A. Cottrell, H. DeStaebler, M. Mestayer, C.Y. Prescott, L.s. Rochester, S. Stein, R.E. Taylor, D. Trines (SLAC). Jul 1974. 2pp.
Presented at Int. Conf. on High Energy Physics, London, Eng., Jul 1-10, 1974.

115) TIME-OF-FLIGHT MEASUREMENTS.

By W.B. Atwood (SLAC). SLAC-PUB-2620, Oct 1980. 42pp.
Presented at SLAC Summer Inst., Stanford, Calif., Jul 28 - Aug 8, 1980.
Published in SLAC Summer Inst.1980:0287 ([QCD161:S76:1980](#))

116) MEASUREMENT OF DIMUON PRODUCTION AT THE ISR.

By D. Antreasyan, W. Atwood, R. Battiston, U. Becker, G. Bellettini, P.L. Braccini, J.G. Branson, J.D. Burger, F. Carbonara, R. Carrara, R. Castaldi, V. Cvasinni, F. Cervelli, M. Chen, G. Chiefari, T. Del Prete, E. Drago, M. Fujisaki, M.F. Hodous, T. Lagerlund, P. Laurelli, O. Leistam, R. Little, P.D. Luckey, M.M. Massai, T. Matsuda, L. Merola, M. Morganti, M. Napolitano, H. Newman, D. Novikoff, J.A. Paradiso, L. Perasso, K. Reibel, J.P. Revol, R. Rinzivillo, T. Sanford, G. Sanguinetti, I. Schulz, G. Sciacca, P. Spillantini, M. Steuer, K. Strauch, S. Sugimoto, Samuel C.C. Ting, W. Toki, M. Valdata-Nappi, C. Vannini, F. Vannucci, F. Visco, S.L. Wu (CERN & MIT, LNS & Annecy, LAPP & Harvard U. & Naples U. & INFN, Naples & Pisa U. & INFN, Pisa). CERN-EP/80-75, May 1980. 12pp.
Published in **Phys.Rev.Lett.****45:863,1980** (*Title changed in journal*)

117) EVIDENCE FOR TWO GAMMA PROCESSES AT THE ISR.

By CERN-Harvard-Annecy(LAPP)-MIT-Naples-Pisa Collaboration (F. Vannucci *et al.*). CERN-EP/80-82, May 1980. 9pp.

Presented at Int. Workshop on gamma gamma Collisions, Amiens, France, Apr 8-12, 1980.

Published in Amiens Workshop 1980:238 ([QCD161:S39:1980](#))

118) MUON PAIR MEASUREMENT AT THE ISR. (TALK).

By D. Antreasyan, W. Atwood, V. Balakin, U. Becker, G. Bellettini, P.L. Braccini, J.G. Branson, J. Burger, F. Carbonara, R. Carrara, R. Castaldi, V. Cvasinni, F. Cervelli, M. Chen, G. Chiefari, T. del Prete, E. Drago, M. Hodous, T. Lagerlund, P. Laurelli, O. Leistam, R. Little, P.D. Luckey, M.M Massai, T. Matsuda, L. Merola, M. Morganti, M. Napolitano, H. Newman, D. Novikoff, L. Perasso, K. Reibel, J.P. Revol, R. Rinziavillo, G. Sanguinetti, C. Sciacca, P. Spillantini, K. Strauch, S. Sugimoto, S.C.C Ting, W. Toki, M. Valdata-Nappi, C. Vannini, F. Vannucci, F. Visco, S.L. Wu. 1978.

In *Bielefeld 1978, Proceedings, Lepton-pair Production In Hadron-hadron Collisions*, Bielefeld 1979, 1-9.

119) LEPTON NUCLEON SCATTERING.

By W.B. Atwood (SLAC). SLAC-PUB-2428, Nov 1979. 114pp.

Lectures given at SLAC Summer Inst. on Particle Physics: Quantum Chromodynamics, Stanford, Calif., Jul 9-20, 1979.

Published in SLAC Summer Inst.1979:1 ([QCD161:S76:1979](#))

120) A QCD ANALYSIS OF E N DEEP INELASTIC SCATTERING DATA.

By L.F. Abbott (Brandeis U.), W.B. Atwood, R.Michael Barnett (SLAC). SLAC-PUB-2400, Sep 1979. 43pp.

Published in **Phys.Rev.D22:582,1980** [TOPCITE = 100+](#)

121) DIMUON SPECTRA FROM 62-GEV PROTON COLLISIONS.

By CERN-Harvard-Frascati-MIT-Naples-Pisa Collaboration (U. Becker *et al.*). CERN-EP/79-116, Oct 1979. 9pp.

Paper presented at EPS Int. Conf. on High-Energy Physics, Geneva, Switzerland, Jun 27-Jul 4, 1979.

Published in EPS High Energy 1979:779 ([QCD161:148:1979](#))

122) A SEARCH FOR PARITY VIOLATION IN THE INELASTIC SCATTERING OF POLARIZED ELECTRONS FROM DEUTERIUM AT 19.4-GEV. (TALK).

By C.Y. Prescott, W.B. Atwood, R.L.A. Cottrell, H. Destaebler, R. Miller, H. Pessard, L.S. Rochester, R.E. Taylor (SLAC), M.J. Alguard, J. Clendenin, P.S. Cooper, R.D. Ehrlich, V.W. Hughes, M.S. Lubell (Yale U.), G. Baum, K.P. Schuler (Bielefeld U.), K. Lubelsmeyer (Aachen, Tech. Hochsch.). 1976.

Presented at Conf. on High Energy Physics with Polarized Beams and Targets, Argonne, Ill., 1976.

In *Tbilisi 1976, Proceedings, Conference On High Energy Physics, Vol.Ii*, Dubna 1976, B55-b56.

123) MEETING ON DORIS EXPERIMENTS, 10TH AND 11TH OCTOBER 1977 AT DESY. (COLLECTION OF TRANSPARENCIES USED BY THE SPEAKERS).

By D. Degele, T.F. Walsh, H. Schroder, J. Burger, H.J. Besch, J. Heintze, P. Waloschek, A. Courau, B. Richter, T. Meyer, W.B. Atwood, G. Poelz, W. Schmidt-Parzefall, J. Bienlein (DESY & Siegen U. & Bonn U. & Heidelberg U. & Orsay & SLAC & Munich, Max Planck Inst. & CERN & Hamburg U.). 1977.

Hamburg Desy - INTERNAL REPORT F15-01 (77,REC.DEC) NONCONSEC. PAG.

124) ELECTRON SCATTERING OFF HYDROGEN AT 50-DEGREES AND 60-DEGREES. (TALK).

By W.B. Atwood (SLAC). 1975.

Presented at SLAC Summer Inst. on Particle Physics, Stanford, Calif., 1975.
In *Stanford 1975, Proceedings, Summer Institute On Particle Physics*, Stanford 1975, 299-313.

125) A TEST OF PARITY VIOLATION IN THE INELASTIC SCATTERING OF POLARIZED ELECTRONS AT THE LEVEL OF THE WEAK INTERACTION.

By W. Ash, W.B. Atwood, R.Leslie Cottrell, H.C. DeStaebler, H. Pessard, C.Y. Prescott, L.S. Rochester, D. Sherden, Charles K. Sinclair, Richard E. Taylor (SLAC), M.R. Bergstrom, R.D. Ehrlich, V.W. Hughes, M.S. Lubell, K. Kondo, N. Sasao, P.A. Souder (Yale U.), G. Baum, W. Raith, K.P. Schuler (Bielefeld U.). SLAC-PROPOSAL-E-122, May 1975. 11pp.

126) EXPERIMENTAL TEST FOR AN ELECTROMAGNETIC AXIAL - VECTOR CURRENT OF HADRONS IN INELASTIC SCATTERING OF POLARIZED ELECTRONS.

By C.Y. Prescott, W.B. Atwood, E.D. Bloom, H.C. DeStaebler, S. Stein, Richard E. Taylor, D. Trines, D.H. Coward, D. Sherden (SLAC), G. Baum, R.D. Ehrlich, V.W. Hughes, M.S. Lubell, W. Raith, M.E. Zeller (Yale U.). SLAC-PROPOSAL-E-095, Jun 1972. 28pp.

127) PROPOSAL TO MEASURE INELASTIC ELECTRON SCATTERING FROM HYDROGEN AND DEUTERIUM AT LARGE Q^2 AND SMALL Ω .

By W.B. Atwood, E.D. Bloom, R.Leslie Cottrell, H.C. DeStaebler, L.K. Gershwint, M.D. Mestayer, C.Y. Prescott, S. Stein, Richard E. Taylor (SLAC). SLAC-PROPOSAL-E-089, Dec 1971. 29pp.

128) FURTHER MEASUREMENTS OF PARITY NONCONSERVATION IN INELASTIC ELECTRON SCATTERING.

By C.Y. Prescott, W.B. Atwood, R.Leslie Cottrell, H.C. DeStaebler, Edward L. Garwin, A. Gonidec, Roger H. Miller, L.S. Rochester, T. Sato, D. Sherden, Charles K. Sinclair, S. Stein, Richard E. Taylor, C. Young (SLAC), J.E. Clendenin, V.W. Hughes, N. Sasao, K.P. Schuler (Yale U.), M. Borghini (CERN), K. Lubelsmeyer (Aachen, Tech. Hochsch.), W. Jentschke (Hamburg U.). SLAC-PUB-2319, May 1979. 15pp.
Published in **Phys.Lett.B84:524,1979**

129) PARITY NONCONSERVATION IN INELASTIC ELECTRON SCATTERING.

By C.Y. Prescott, W.B. Atwood, R.Leslie Cottrell, H.C. DeStaebler, Edward L. Garwin, A. Gonidec, Roger H. Miller, L.S. Rochester, T. Sato, D. Sherden, Charles K. Sinclair, S. Stein, Richard E. Taylor (SLAC), J.E. Clendenin, V.W. Hughes, N. Sasao, K.P. Schuler (Yale U.), M. Borghini (CERN), K. Lubelsmeyer (Aachen, Tech. Hochsch.), W. Jentschke (Hamburg U.). SLAC-PUB-2148, Jul 1978. 20pp.
Published in **Phys.Lett.B77:347-352,1978**

130) DELCO AT PEP.

By W.B. Atwood, Barry C. Barish, F. Bartlett, G. Donaldson, M. Duro, G. Irwin, J. Kirkby, F. Merritt, M.H. Shaevitz, Stanley G. Wojcicki (Cal Tech & Stanford U., Phys. Dept.). PEP-PROPOSAL-020, Jun 1978. 38pp.

131) LIMITS ON PARITY VIOLATION IN POLARIZED ELECTRON SCATTERING AT 19.4-GEV.

By W.B. Atwood, R.Leslie Cottrell, H.C. DeStaebler, Roger H. Miller, H. Pessard, C.Y. Prescott, L.S. Rochester, Richard E. Taylor (SLAC), M.J. Alguard, J.E. Clendenin, P.S. Cooper, R.D. Ehrlich, V.W. Hughes, M.S. Lubell (Yale U.), G. Baum, K.P. Schuler (Bielefeld U.), K. Lubelsmeyer (Aachen, Tech. Hochsch.). SLAC-PUB-2123, May 1978. 13pp.
Published in **Phys.Rev.D18:2223,1978** (*Title changed in journal*)

132) SUPER DELCO.

By Barry C. Barish, P. Linsay, M.H. Shaevitz (Cal Tech), W.B. Atwood, R.Leslie Cottrell, H.C. Destaeblér, C.Y. Prescott, L.S. Rochester, Richard E. Taylor (SLAC), J. Kirkby, F. Merritt, Stanley G. Wojcicki (Stanford U., Phys. Dept.). PEP-Proposal-015, Oct 1977. 67pp.

133) FIRST TEST OF A NEW SHOWER DETECTOR.

By W.B. Atwood, C.Y. Prescott, L.S. Rochester (SLAC), Barry C. Barish (Cal Tech). SLAC-TN-76-007, Dec 1976. 9pp.

134) PROPOSAL FOR A MAGNETIC DETECTOR FOR PEP.

By D. Cutts, R.E. Lanou, J.T. Massimo, R.S. Dulude (Brown U.), Barry C. Barish, J.F. Bartlett, R. Gomez, Jerome Pine, P. Linsay (Cal Tech), G.W. Brandenburg, W. Busza, Jerome I. Friedman, C. Halliwell, Henry W. Kendall, B. Nelson, L.S. Osborne, L. Rosenson (MIT, LNS), W.B. Atwood, J.T. Carroll, G.B. Chadwick, R.Leslie Cottrell, H.C. Destaeblér, K.C. Moffeit, C.Y. Prescott, L.S. Rochester, D. Sherden, Charles K. Sinclair, Richard E. Taylor (SLAC), J. Kirkby, Stanley G. Wojcicki (Stanford U., Phys. Dept.). PEP-PROPOSAL-008, Dec 1976. 105pp.

135) INELASTIC ELECTRON SCATTERING FROM HYDROGEN AT 50-DEGREES AND 60-DEGREES.

By W.B. Atwood, E.D. Bloom, R.Leslie Cottrell, H.C. DeStaebler, M.D. Mestayer, C.Y. Prescott, L.S. Rochester, S. Stein, Richard E. Taylor, D. Trines (SLAC). SLAC-PUB-1758, Jun 1976. 17pp.
Published in **Phys.Lett.B64:479,1976**

136) A COMPARISON OF THE YIELDS OF INELASTIC ELECTRON AND POSITRON SCATTERING FROM HYDROGEN AND DEUTERIUM AT FOUR MOMENTUM TRANSFERS SQUARED UP TO 15-GEV/C2.**

By L.S. Rochester, W.B. Atwood, E.D. Bloom, R.Leslie Cottrell, D.H. Coward, H.C. DeStaebler, M.D. Mestayer, C.Y. Prescott, S. Stein, Richard E. Taylor, D. Trines (SLAC). SLAC-PUB-1660, Sep 1975. 10pp.
Published in **Phys.Rev.Lett.36:1284,1976, Erratum-ibid.37:233,1976**

137) ELECTRON SCATTERING OFF HYDROGEN AND DEUTERIUM AT 50-DEGREES AND 60-DEGREES.

By W.B. Atwood (SLAC). SLAC-R-0185, SLAC-R-185, SLAC-0185, SLAC-185, Jun 1975. 211pp.
Ph.D. thesis.

138) A SEARCH FOR NEW RESONANCES AND THRESHOLDS IN INELASTIC ELECTRON SCATTERING.

By R.Leslie Cottrell, W. Ash, W.B. Atwood, D.H. Coward, H.C. DeStaebler, M.D. Mestayer, H. Pessard, C.Y. Prescott, L.S. Rochester, D. Sherden, Charles K. Sinclair, Richard E. Taylor (SLAC). SLAC-PUB-1612, Jul 1975. 13pp.
Published in **Phys.Rev.D13:166,1976**

139) ELECTRON SCATTERING AT 4-DEGREES WITH ENERGIES OF 4.5-GEV - 20-GEV.

By S. Stein, W.B. Atwood, E.D. Bloom, R.Leslie Cottrell, H.C. DeStaebler, C.L. Jordan, H. Piel, C.Y. Prescott, R. Siemann, Richard E. Taylor (SLAC). SLAC-PUB-1528, Jan 1975. 75pp.
Published in **Phys.Rev.D12:1884,1975**

140) THE EXTRACTION OF ASYMPTOTIC NUCLEON CROSS-SECTIONS FROM DEUTERIUM DATA.

By W.B. Atwood (SLAC), Geoffrey B. West (Stanford U., ITP & Stanford U., Phys. Dept.). SLAC-PUB-1081, Aug 1972. 37pp. Submitted to XVI Int. Conf. on High Energy Physics, Batavia, Ill., Sep 6-13, 1972.
Published in **Phys.Rev.D7:773,1973** .

Non-Physics:

1) A SIMPLE SOUNDPOST CUTTING JIG.

By William Atwood and Thomas Croen. CAS Journal, vol. 4, No. 2, p. 61, Nov 2000.

2) A BRIDGE COLLECTION EXAMINED.

By William Atwood. CAS Journal, vol. 3, No.4, p. 38, Nov 1997.

3) REPORT ON A BASS BAR STUDY.

By Thomas Croen & William Atwood. VSA Journal, vol. 15, No. 2, p. 65, Nov. 1996

4) PLATE MARGINS: THE NEXT FRONTIER.

By William Atwood. CAS Journal, vol. 3, No. 2, p. 36, Nov. 1996.