

# Stanford

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## Charles Prescott

Professor at the Stanford Linear Accelerator Center, Emeritus  
SLAC General Program

### Bio

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#### ACADEMIC APPOINTMENTS

- Emeritus Faculty, Acad Council, SLAC General Program

#### ADMINISTRATIVE APPOINTMENTS

- Co-Director, SLAC Summer Institute, (1993-2002)
- Chair, Stanford Linear Accelerator Center Faculty, (1995-1998)
- Associate Director, Research Division, Stanford Linear Accelerator Center, (1986-1991)

#### HONORS AND AWARDS

- Member, National Academy of Sciences (2001)
- W.K.H. Panofsky Prize, American Physical Society (1988)
- Fellow, American Physical Society (1997)

#### BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Chair, International High Energy Spin Physics Symposia (1996 - 1999)

#### PROFESSIONAL EDUCATION

- PhD, California Institute of Technology , High Energy Physics (1966)
- BA, Rice University , Physics (1961)

### Research & Scholarship

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#### CURRENT RESEARCH AND SCHOLARLY INTERESTS

Experimental particle physics; parity violation in electron scattering experiments in End Station A; nucleon spin structure experiments with polarized electron beams and polarized solid targets;  $e^+e^- \rightarrow Z_0$  studies with the SLD detector using the polarized electron beams of the SLC; Next Linear Collider detector studies; neutrinoless double beta decay in Xenon.

### Publications

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#### PUBLICATIONS

- **Richard Edward Taylor** *PHYSICS TODAY*  
Prescott, C., Breidenbach, M.  
2018; 71 (6): 66

- **Search for Neutrinoless Double-Beta Decay in Xe-136 with EXO-200** *PHYSICAL REVIEW LETTERS*  
Auger, M., Auty, D. J., Barbeau, P. S., Beauchamp, E., Belov, V., Benitez-Medina, C., Breidenbach, M., Brunner, T., Burenkov, A., Cleveland, B., COOK, S., Daniels, T., Danilov, et al  
2012; 109 (3)
- **Xenon purity analysis for EXO-200 via mass spectrometry** *NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION A-ACCELERATORS SPECTROMETERS DETECTORS AND ASSOCIATED EQUIPMENT*  
Dobi, A., Hall, C., Slutsky, S., Yen, Y., Aharmin, B., Auger, M., Barbeau, P. S., Benitez-Medina, C., Breidenbach, M., Cleveland, B., Conley, R., Cook, J., COOK, et al  
2012; 675: 40-46
- **The EXO-200 detector, part I: detector design and construction** *JOURNAL OF INSTRUMENTATION*  
Auger, M., Auty, D. J., Barbeau, P. S., Bartoszek, L., Baussan, E., Beauchamp, E., Benitez-Medina, C., Breidenbach, M., Chauhan, D., Cleveland, B., Conley, R., Cook, J., COOK, et al  
2012; 7
- **A xenon gas purity monitor for EXO** *NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION A-ACCELERATORS SPECTROMETERS DETECTORS AND ASSOCIATED EQUIPMENT*  
Dobi, A., Hall, C., HERRIN, S., Odian, A., Prescott, C. Y., Rowson, P. C., Ackerman, N., Aharmin, B., Auger, M., Barbeau, P. S., Barry, K., Benitez-Medina, C., Breidenbach, et al  
2011; 659 (1): 215-228
- **Observation of Two-Neutrino Double-Beta Decay in Xe-136 with the EXO-200 Detector** *PHYSICAL REVIEW LETTERS*  
Ackerman, N., Aharmin, B., Auger, M., Auty, D. J., Barbeau, P. S., Barry, K., Bartoszek, L., Beauchamp, E., Belov, V., Benitez-Medina, C., Breidenbach, M., Burenkov, A., Cleveland, et al  
2011; 107 (21)
- **A magnetically driven piston pump for ultra-clean applications** *REVIEW OF SCIENTIFIC INSTRUMENTS*  
LePort, F., Neilson, R., Barbeau, P. S., Barry, K., Bartoszek, L., Counts, I., Davis, J., DeVoe, R., Dolinski, M. J., Gratta, G., Green, M., Diez, M. M., Mueller, et al  
2011; 82 (10)
- **Characterization of large area APDs for the EXO-200 detector** *NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION A-ACCELERATORS SPECTROMETERS DETECTORS AND ASSOCIATED EQUIPMENT*  
Neilson, R., LePort, F., Pocar, A., Kumar, K. S., Odian, A., Prescott, C. Y., TENEV, V., Ackerman, N., Akimov, D., Auger, M., Benitez-Medina, C., Breidenbach, M., Burenkov, et al  
2009; 608 (1): 68-75
- **Systematic study of trace radioactive impurities in candidate construction materials for EXO-200** *NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION A-ACCELERATORS SPECTROMETERS DETECTORS AND ASSOCIATED EQUIPMENT*  
Leonard, D. S., Grinberg, P., Weber, P., Baussan, E., Djurcic, Z., Keefer, G., Piepke, A., Pocar, A., Vuilleumier, J., Vuilleumier, J., Akimov, D., Bellerive, A., Bowcock, et al  
2008; 591 (3): 490-509
- **The polarized electron source for the international collider (ILC) project** *PROCEEDINGS OF THE 17TH INTERNATIONAL SPIN PHYSICS SYMPOSIUM*  
Brachmann, A., Clendenin, J. E., Garwin, E. L., Ioakeimidi, K., Kirby, R. E., Maruyama, T., Prescott, C. Y., Sheppard, J., Turner, J., Zhou, F.  
2007; 915: 1091-1094
- **Transport mechanisms in polarized semiconductor photocathodes** *PROCEEDINGS OF THE 17TH INTERNATIONAL SPIN PHYSICS SYMPOSIUM*  
Ioakeimidi, K., Brachmann, A., Clendenin, J. E., Garwin, E. L., Kirby, R. E., Maruyama, T., Prescott, C. Y., Prepost, R., Mulhollan, G. A., BIERMAN, J. C., Gradinaru, S. A.  
2007; 915: 1061-1066
- **Mobility of thorium ions in liquid xenon** *NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION A-ACCELERATORS SPECTROMETERS DETECTORS AND ASSOCIATED EQUIPMENT*  
Wamba, K., Hall, C., Breidenbach, M., Conley, R., Odian, A., Prescott, C. Y., Rowson, P. C., Sevilla, J., Skarpaas, K., DeVoe, R., Djurcic, Z., Fairbank, W. M., Gratta, et al  
2005; 555 (1-2): 205-210
- **Recent progress at SLAC extracting high charge from highly polarized photocathodes for future-collider applications** *10th Workshop on Polarized Sources and Targets*  
Clendenin, J. E., Brachmann, A., Garwin, E. L., Harvey, S., Jiang, J., Kirby, R. E., Luh, D. A., Maruyama, T., Prepost, R., Prescott, C. Y., Turner, J. L.

ELSEVIER SCIENCE BV.2005: 308–11

- **Atomic hydrogen cleaning of polarized GaAs photocathodes** *16th International Spin Physics Symposium and Workshop on Polarized Electron Sources and Polarimeters*  
Maruyama, T., Luh, D., Brachmann, A., Clendenin, J. E., Garwin, E. L., Harvey, S., Kirby, R. E., Prescott, C. Y., Prepost, R.  
WORLD SCIENTIFIC PUBL CO PTE LTD.2005: 985–989
- **EXO: an advanced enriched xenon double-beta decay observatory** *8th International Workshop on Topics in Astroparticle and Underground Physics*  
Akimov, D., Bower, G., Breidenbach, M., Conley, R., Conti, E., Danilov, M., DeVoe, R., Djurcic, Z., Dolgolenko, A., Fairbank, W., Gratta, G., Hall, C., Koffas, et al  
ELSEVIER SCIENCE BV.2005: 224–226
- **Polarized electrons for linear colliders** *SPIN 2004: 16TH INTERNATIONAL SPIN PHYSICS SYMPOSIUM*  
Clendenin, J. E., Brachmann, A., Garwin, E. L., Kirby, R. E., Luh, D. A., Maruyama, T., Prescott, C. Y., Sheppard, J. C., Turner, J., Prepost, R.  
2005: 787-790
- **Polarized electron emission from strained GaAs/GaAsP superlattice photocathodes** *16th International Spin Physics Symposium and Workshop on Polarized Electron Sources and Polarimeters*  
Maruyama, T., Luh, D., Brachmann, A., Clendenin, J. E., Garwin, E. L., Harvey, S., Jiang, J., Kirby, R. E., Prescott, C. Y., Prepost, R., Moy, A. M.  
WORLD SCIENTIFIC PUBL CO PTE LTD.2005: 917–921
- **Systematic study of polarized electron emission from strained GaAs/GaAsP superlattice photocathodes** *APPLIED PHYSICS LETTERS*  
Maruyama, T., Luh, D. A., Brachmann, A., Clendenin, J. E., Garwin, E. L., Harvey, S., Jiang, J., Kirby, R. E., Prescott, C. Y., Prepost, R., Moy, A. M.  
2004; 85 (13): 2640-2642
- **Correlated fluctuations between luminescence and ionization in liquid xenon** *PHYSICAL REVIEW B*  
Conti, E., DeVoe, R., Gratta, G., Koffas, T., Waldman, S., Wodin, J., Akimov, D., Bower, G., Breidenbach, M., Conley, R., Danilov, M., Djurcic, Z., Dolgolenko, et al  
2003; 68 (5)
- **Atomic hydrogen cleaning of polarized GaAs photocathodes** *APPLIED PHYSICS LETTERS*  
Maruyama, T., Luh, D. A., Brachmann, A., Clendenin, J. E., Garwin, E. L., Harvey, S., Kirby, R. E., Prescott, C. Y.  
2003; 82 (23): 4184-4186
- **Precision measurement of the proton and deuteron spin structure functions  $g(2)$  and asymmetries  $A(2)$**  *PHYSICS LETTERS B*  
Anthony, P. L., Arnold, R. G., Averett, T., Band, H. R., Benmouna, N., Boeglin, W., Borel, H., Bosted, P. E., Bultmann, S. L., Court, G. R., Crabb, D., Day, D., Decowski, et al  
2003; 553 (1-2): 18-24
- **Suppression of the surface charge limit in strained GaAs photocathodes** *SPIN 2002*  
Maruyama, T., Brachmann, A., Clendenin, J. E., Desikan, T., Garwin, E. L., Kirby, R. E., Luh, D. A., Prescott, C. Y., Turner, J., Prepost, R.  
2003; 675: 1083-1087
- **Recent polarized photocathode R&D at SLAC** *SPIN 2002*  
Luh, D. A., Brachmann, A., Clendenin, J. E., Desikan, T., Garwin, E. L., Harvey, S., Kirby, R. E., Maruyama, T., Prescott, C. Y., Prepost, R.  
2003; 675: 1029-1033
- **First direct measurement of the parity-violating coupling of the  $Z(0)$  to the s quark** *PHYSICAL REVIEW LETTERS*  
Abe, K., Abe, K., Abe, T., Adam, I., Akimoto, H., Aston, D., Baird, K. G., Baltay, C., Band, H. R., Barklow, T. L., Bauer, J. M., Bellodi, G., Berger, et al  
2000; 85 (24): 5059-5063
- **Measurements of the  $Q(2)$ -dependence of the proton and neutron spin structure functions  $g(1)(p)$  and  $g(1)(n)$**  *PHYSICS LETTERS B*  
Anthony, P. L., Arnold, R. G., Averett, T., Band, H. R., Berisso, M. C., Borel, H., Bosted, P. E., Bultmann, S. L., Buenerd, M., Chupp, T., Churchwell, S., Court, G. R., Crabb, et al  
2000; 493 (1-2): 19-28
- **Precise measurement of the b-quark fragmentation function in  $Z(0)$  boson decays** *PHYSICAL REVIEW LETTERS*  
Abe, K., Abe, K., Abe, T., Adam, I., Akimoto, H., Aston, D., Baird, K. G., Baltay, C., Band, H. R., Barklow, T. L., Bauer, J. M., Bellodi, G., Berger, et al  
2000; 84 (19): 4300-4304
- **Measurement of the deuteron spin structure function  $g(1)(d)(x)$  for  $1 \text{ (GeV/c)}(2) < Q(2) < 40 \text{ (GeV/c)}(2)$**  *PHYSICS LETTERS B*

- Anthony, P. L., Arnold, R. G., Averett, T., Band, H. R., Berisso, M. C., Borel, H., Bosted, P. E., Bultmann, S. L., Buenerd, M., Chupp, T., Churchwell, S., Court, G. R., Crabb, et al  
1999; 463 (2-4): 339-345
- **Inclusive hadron photoproduction from longitudinally polarized protons and deuterons** *PHYSICS LETTERS B*  
Anthony, P. L., Arnold, R. G., Averett, T., Band, H. R., Berisso, M. C., Borel, H., Bosted, P. E., Bultmann, S. L., Buenerd, M., Chupp, T., Churchwell, S., Court, G. R., Crabb, et al  
1999; 458 (4): 536-544
  - **Measurement of the proton and deuteron spin structure functions  $g(2)$  and asymmetry  $A(2)$**  *PHYSICS LETTERS B*  
Anthony, P. L., Arnold, R. G., Averett, T., Band, H. R., Berisso, M. C., Borel, H., Bosted, P. E., Bultmann, S. L., Buenerd, M., Chupp, T. E., Churchwell, S., Court, G., Crabb, et al  
1999; 458 (4): 529-535
  - **Measurements of  $R = \sigma(L)/\sigma(T)$  for  $0.03 < x < 0.1$  and fit to world data** *PHYSICS LETTERS B*  
Abe, K., Akagi, T., Anthony, P. L., Antonov, R., Arnold, R. G., Averett, T., Band, H. R., Bauer, J. M., Borel, H., Bosted, P. E., Breton, V., Button-Shafer, J., Chen, et al  
1999; 452 (1-2): 194-200
  - **Measurement of the proton and deuteron spin structure function  $g(1)$  in the resonance region** *PHYSICAL REVIEW LETTERS*  
Abe, K., Akagi, T., Anthony, P. L., Antonov, R., Arnold, R. G., Averett, T., Band, H. R., Bauer, J. M., Borel, H., Bosted, P. E., Breton, V., BUTTONSHAFER, J., Chen, et al  
1997; 78 (5): 815-819
  - **Measurements of the proton and deuteron spin structure function  $g(2)$  and asymmetry  $A(2)$**  *PHYSICAL REVIEW LETTERS*  
Abe, K., Akagi, T., Anthony, P. L., Antonov, R., Arnold, R. G., Averett, T., Band, H. R., Bauer, J. M., Borel, H., Bosted, P. E., Breton, V., BUTTONSHAFER, J., Chen, et al  
1996; 76 (4): 587-591
  - **Polarization studies of strained GaAs photocathodes at the SLAG Gun Test Laboratory** *16th Biennial Particle Accelerator Conference*  
Saez, P., Alley, R., Clendenin, J., Frisch, J., Kirby, R., Mair, R., Maruyama, T., Miller, R., MULHOLLAN, G., Prescott, C., Tang, H., Witte, K.  
IEEE.1996: 887-889
  - **Performance of the SLD central drift chamber** *7th International Wire Chamber Conference*  
Fero, M. J., Hildreth, M. D., Honma, A., Junk, T. R., Markiewicz, T. W., MASSETTI, R., Masuda, H., Mours, B., Neal, H. A., Prescott, C. Y., Rochester, L. S., Shypit, R., Sugiyama, et al  
ELSEVIER SCIENCE BV.1995: 111-14
  - **MEASUREMENTS OF THE  $Q(2)$ -DEPENDENCE OF THE PROTON AND DEUTERON SPIN STRUCTURE FUNCTIONS  $G(1)(P)$  AND  $G(1)(D)$**  *PHYSICS LETTERS B*  
Abe, K., Akagi, T., Anthony, P. L., Antonov, R., Arnold, R. G., Averett, T., Band, H. R., Bauer, J. M., Borel, H., Bosted, P. E., Breton, V., BUTTONSHAFER, J., Chen, et al  
1995; 364 (1): 61-68
  - **THE STANFORD LINEAR-ACCELERATOR POLARIZED ELECTRON SOURCE** *NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION A-ACCELERATORS SPECTROMETERS DETECTORS AND ASSOCIATED EQUIPMENT*  
Alley, R., Aoyagi, H., Clendenin, J., Frisch, J., Garden, C., Hoyt, E., Kirby, R., Klaisner, L., Kulikov, A., Miller, R., MULHOLLAN, G., Prescott, C., Saez, et al  
1995; 365 (1): 1-27
  - **PERFORMANCE OF THE SLD CENTRAL DRIFT CHAMBER** *IEEE TRANSACTIONS ON NUCLEAR SCIENCE*  
Hildreth, M. D., Junk, T. R., Markiewicz, T. W., Masuda, H., Mours, B., Neal, H. A., Prescott, C. Y., Rochester, L. S., Sugiyama, A., Takahashi, T., Usher, T., Young, C. C., Shypit, et al  
1995; 42 (4): 451-458
  - **PRECISION-MEASUREMENT OF THE DEUTERON SPIN STRUCTURE-FUNCTION  $G(1)(D)$**  *PHYSICAL REVIEW LETTERS*  
Abe, K., Akagi, T., Anthony, P. L., Antonov, R., Arnold, R. G., Averett, T., Band, H. R., Bauer, J. M., Borel, H., Bosted, P. E., Breton, V., BUTTONSHAFER, J., Chen, et al  
1995; 75 (1): 25-28
  - **PRECISION-MEASUREMENT OF THE PROTON SPIN STRUCTURE-FUNCTION  $G(1)(P)$**  *PHYSICAL REVIEW LETTERS*  
Abe, K., Akagi, T., Anthony, P. L., Antonov, R., Arnold, R. G., Averett, T., Band, H. R., Bauer, J. M., Borel, H., Bosted, P. E., Breton, V., BUTTONSHAFER, J., Chen, et al

1995; 74 (3): 346-350

- **Electroweak coupling measurements from polarized bhabha scattering at SLD** *11th International Symposium on High Energy Spin Physics/8th International Symposium on Polarization Phenomena in Nuclear Physics*  
Abe, K., Abt, I., Akagi, T., Ash, W. W., Aston, D., Bacchetta, N., Baird, K. G., BALTAY, G., Band, H. R., Barakat, M. B., Baranko, G., Bardon, O., Barklow, et al  
AIP PRESS.1995: 649-655
- **Review of the SLAC and Les Houches workshops** *11th International Symposium on High Energy Spin Physics/8th International Symposium on Polarization Phenomena in Nuclear Physics*  
Prescott, C. Y.  
AIP PRESS.1995: 619-621
- **THE HIGH PEAK CURRENT POLARIZED ELECTRON SOURCE OF THE STANFORD-LINEAR-COLLIDER** *NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION A-ACCELERATORS SPECTROMETERS DETECTORS AND ASSOCIATED EQUIPMENT*  
Schultz, D., Alley, R., Aoyagi, H., Clendenin, J., Frisch, J., Garden, C., Hoyt, E., Kirby, R., Klaisner, L., Kulikov, A., MULHOLLAN, G., Prescott, C., Saez, et al  
1994; 340 (1): 127-132
- **Performance of the SLD central drift chamber** *1994 Nuclear Science Symposium and Medical Imaging Conference (NSS/MIC)*  
Hildreth, M. D., Junk, T. R., Markiewicz, T. W., Masuda, H., Neal, H. A., Prescott, C. Y., Rochester, L. S., Usher, T., Fero, M. J., Williams, D. C., Venuti, J., Mours, B., Takahashi, et al  
I E E E.1994: 277-281
- **PERFORMANCE OF THE SLC POLARIZED ELECTRON SOURCE WITH HIGH POLARIZATION** *1993 Particle Accelerator Conference*  
Clendenin, J. E., ALLEY, R. K., Aoyagi, H., Frisch, J. C., GARDEN, C. L., HOYT, E. W., Kirby, R. E., Klaisner, L. A., Kulikov, A. V., Prescott, C. Y., SAEZ, P. J., Schultz, D. C., Tang, et al  
I E E E.1993: 2973-2975
- **STUDY OF NONLINEAR PHOTOEMISSION EFFECTS IN III-V SEMICONDUCTORS** *1993 Particle Accelerator Conference*  
Tang, H., ALLEY, R. K., Aoyagi, H., Clendenin, J. E., Frisch, J. C., GARDEN, C. L., HOYT, E. W., KARBY, R. E., Klaisner, L. A., Kulikov, A. V., Prescott, C. Y., SAEZ, P. J., Schultz, et al  
I E E E.1993: 3036-3038
- **HIGH-VOLTAGE PROCESSING OF THE SLC POLARIZED ELECTRON-GUN** *1993 Particle Accelerator Conference*  
Saez, P., Clendenin, J., Garden, C., Hoyt, E., Klaisner, L., Prescott, C., Schultz, D., Tang, H.  
I E E E.1993: 3033-3035
- **PERFORMANCE OF THE SLC POLARIZED ELECTRON SOURCE AND INJECTOR WITH THE SLAC 3 KM LINAC CONFIGURED FOR FIXED TARGET EXPERIMENTS** *1993 Particle Accelerator Conference*  
Yeremian, A. D., ALLEY, R. K., Clendenin, J. E., Frisch, J. C., GARDEN, C. L., Klaisner, L. A., Kulikov, A. V., Miller, R. H., Prescott, C. Y., SAEZ, P. J., Schultz, D. C., Tang, H., Turner, et al  
I E E E.1993: 3027-3029
- **MEASUREMENT OF THE AVERAGE LIFETIME OF HADRONS CONTAINING BOTTOM QUARKS** *PHYSICAL REVIEW D*  
Klem, D. E., Atwood, W. B., Barish, B. C., Bonneaud, G. R., COURAU, A., DONALDSON, G. J., Dubois, R., DURO, M. M., Elsen, E. E., Gao, S. G., Huang, Y. Z., Irwin, G. M., Johnson, et al  
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- **PERFORMANCE OF THE SLD CENTRAL DRIFT CHAMBER PROTOTYPE** *NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION A-ACCELERATORS SPECTROMETERS DETECTORS AND ASSOCIATED EQUIPMENT*  
Atwood, W. B., Carr, J., Chadwick, G., Csorna, S., HANSLKOZANECKA, T., Hodges, C., Nauenberg, U., Nielsen, B. S., Panvini, R. S., Prescott, C. Y., Reeves, T. W., Rochester, L. S., Simpson, et al  
1986; 252 (2-3): 295-298
- **QUASI-REAL COMPTON-SCATTERING MEASUREMENT AND E-STAR SEARCH WITH DELCO AT PEP** *PHYSICS LETTERS B*  
Bonneaud, G. R., COURAU, A., Johnson, R., Yamamoto, H., Atwood, W. B., Barish, B. C., DONALDSON, G. J., Dubois, R., DURO, M. M., Elsen, E. E., Gao, S. Q., Huang, Y. Z., Irwin, et al  
1986; 177 (1): 109-114
- **STUDY OF 3-PRONG TAU-DECAYS AND DETERMINATION OF THE A1 PARAMETERS** *PHYSICAL REVIEW LETTERS*  
Ruckstuhl, W., Stroynowski, R., Atwood, W. B., Barish, B. C., Bonneaud, G. R., COURAU, A., DONALDSON, G. J., Dubois, R., DURO, M. M., Elsen, E. E., Gao, S. G., Huang, Y. Z., Irwin, et al  
1986; 56 (20): 2132-2135

- **THE SLC PROGRAM ANNALS OF THE NEW YORK ACADEMY OF SCIENCES**  
Prescott, C. Y.  
1986; 461: 476-486
- **PERFORMANCE OF THE SLD CENTRAL DRIFT CHAMBER PROTOTYPE IEEE TRANSACTIONS ON NUCLEAR SCIENCE**  
Young, C. C., Atwood, W. B., Carr, J., Chadwick, G., Csorna, S., HANSLKOZANECKA, T., Hodges, C. L., Mundy, G., Nauenberg, U., PANVINI, R., Prescott, C. Y., Reeves, T. W., Rochester, et al  
1986; 33 (1): 176-177
- **ANALYSIS OF DIGITIZED WAVE-FORMS IN A PROTOTYPE OF THE SLD CENTRAL DRIFT CHAMBER IEEE TRANSACTIONS ON NUCLEAR SCIENCE**  
Hodges, C., Atwood, W. B., Carr, J., Chadwick, G., Csorna, S., HANSLKOZANECKA, T., Mundy, G., Nauenberg, U., Panvini, R. S., Prescott, C. Y., Reeves, T. W., Rochester, L. S., Salomon, et al  
1986; 33 (1): 167-168
- **PROPERTIES OF BOTTOM QUARK JETS IN E+E- ANNIHILATION AT 29 GEV PHYSICS LETTERS B**  
Sakuda, M., Atwood, W. B., BAILLON, P. H., Barish, B. C., Bonneaud, G. R., COURAU, A., DONALDSON, G. J., Dubois, R., DURO, M. M., Elsen, E. E., Gao, S. G., Huang, Y. Z., Irwin, et al  
1985; 152 (5-6): 399-403
- **CHARGED D-STAR PRODUCTION IN E+E- ANNIHILATION AT 29-GEV AND A LIMIT ON D0-DBAR0 MIXING PHYSICAL REVIEW LETTERS**  
Yamamoto, H., Atwood, W. B., BAILLON, P. H., Barish, B. C., Bonneaud, G. R., COURAU, A., DONALDSON, G. J., Dubois, R., DURO, M. M., Elsen, E. E., Gao, S. G., Huang, Y. Z., Irwin, et al  
1985; 54 (6): 522-525
- **MEASUREMENT OF D0 LIFETIME IN E+E- ANNIHILATION AT HIGH-ENERGY PHYSICAL REVIEW D**  
Yamamoto, H., Atwood, W. B., BAILLON, P. H., Barish, B. C., Bonneaud, G. R., COURAU, A., DONALDSON, G. J., Dubois, R., DURO, M. M., Elsen, E. E., Gao, S. G., Huang, Y. Z., Irwin, et al  
1985; 32 (11): 2901-2910
- **UPPER BOUND ON THE TAU-NEUTRINO MASS FROM THE PREVIOUSLY UNOBSERVED DECAY MODEL TAU-J KK-PI-NU-TAU PHYSICAL REVIEW LETTERS**  
Mills, G. B., Pal, T., Atwood, W. B., BAILLON, P. H., Barish, B. C., Bonneaud, G. R., COURAU, A., DONALDSON, G. J., Dubois, R., DURO, M. M., Elsen, E. E., Gao, S. G., Huang, et al  
1985; 54 (7): 624-627
- **MEASUREMENT OF THE CABIBBO-SUPPRESSED DECAYS TAU-JK-NU-TAU AND TAU-J-K-NU-TAU+N-PI-0 PHYSICAL REVIEW LETTERS**  
Mills, G. B., Ruckstuhl, W., Atwood, W. B., BAILLON, P. H., Barish, B. C., Bonneaud, G. R., COURAU, A., DONALDSON, G. J., Dubois, R., DURO, M. M., Elsen, E. E., Gao, S. G., Huang, et al  
1984; 52 (22): 1944-1947
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