

David Burke

Professor of Particle Physics and Astrophysics, Emeritus
SLAC General Program

Bio

ACADEMIC APPOINTMENTS

- Emeritus Faculty, Acad Council, SLAC General Program

Publications

PUBLICATIONS

- **Dark energy survey year 1 results: Constraining baryonic physics in the Universe** *MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY*
Huang, H., Eifler, T., Mandelbaum, R., Bernstein, G. M., Chen, A., Choi, A., Garcia-Bellido, J., Huterer, D., Krause, E., Rozo, E., Singh, S., Bridle, S., DeRose, et al
2021; 502 (4): 6010–31
- **Candidate periodically variable quasars from the Dark Energy Survey and the Sloan Digital Sky Survey** *MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY*
Chen, Y., Liu, X., Liao, W., Holgado, A., Guo, H., Gruendl, R. A., Morganson, E., Shen, Y., Zhang, K., Abbott, T. C., Aguena, M., Allam, S., Avila, et al
2020; 499 (2): 2245–64
- **Dust Reverberation Mapping in Distant Quasars from Optical and Mid-infrared Imaging Surveys** *ASTROPHYSICAL JOURNAL*
Yang, Q., Shen, Y., Liu, X., Aguena, M., Annis, J., Avila, S., Banerji, M., Bertin, E., Brooks, D., Burke, D., Rosell, A., Kind, M., da Costa, et al
2020; 900 (1)
- **LSST: From Science Drivers to Reference Design and Anticipated Data Products** *ASTROPHYSICAL JOURNAL*
Ivezic, Z., Kahn, S. M., Tyson, J., Abel, B., Acosta, E., Allsman, R., Alonso, D., AlSayyad, Y., Anderson, S. F., Andrew, J., Angel, J. P., Angeli, G. Z., Ansari, et al
2019; 873 (2)
- **Candidate massive galaxies at z similar to 4 in the Dark Energy Survey** *MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY*
Guarnieri, P., Maraston, C., Thomas, D., Pforr, J., Gonzalez-Perez, V., Etherington, J., Carlsen, J., Morice-Atkinson, X., Conselice, C. J., Gschwend, J., Kind, M., Abbott, T., Allam, et al
2019; 483 (3): 3060–81
- **Weighing the giants - V. Galaxy cluster scaling relations** *MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY*
Mantz, A. B., Allen, S. W., Morris, R. G., von der Linden, A., Applegate, D. E., Kelly, P. L., Burke, D. L., Donovan, D., Ebeling, H.
2016; 463 (4): 3582–3603
- **Joint analysis of galaxy-galaxy lensing and galaxy clustering: Methodology and forecasts for Dark Energy Survey** *PHYSICAL REVIEW D*
Park, Y., Krause, E., Dodelson, S., Jain, B., Amara, A., Becker, M. R., Bridle, S. L., Clampitt, J., Crocce, M., Fosalba, P., Gaztanaga, E., Honscheid, K., Rozo, et al
2016; 94 (6)
- **LOCALIZATION AND BROADBAND FOLLOW-UP OF THE GRAVITATIONAL-WAVE TRANSIENT GW 150914** *ASTROPHYSICAL JOURNAL LETTERS*
Abbott, B. P., Abbott, R., Abbott, T. D., ABERNATHY, M. R., Acernese, F., Ackley, K., Adams, C., Adams, T., Addesso, P., Adhikari, R. X., Adya, V. B., Affeldt, C., Agathos, et al
2016; 826 (1)
- **Cosmology from cosmic shear with Dark Energy Survey Science Verification data** *PHYSICAL REVIEW D*

- Abbott, T., Abdalla, F. B., Allam, S., Amara, A., Annis, J., Armstrong, R., Bacon, D., Banerji, M., BAUER, A. H., Baxter, E., Becker, M. R., Benoit-Levy, A., Bernstein, et al
2016; 94 (2)
- **Cosmology and astrophysics from relaxed galaxy clusters - IV. Robustly calibrating hydrostatic masses with weak lensing** *MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY*
Applegate, D. E., Mantz, A., Allen, S. W., Von der Linden, A., Morris, R. G., Hilbert, S., Kelly, P. L., Burke, D. L., Ebeling, H., Rapetti, D. A., SCHMIDT, R. W.
2016; 457 (2): 1522-1534
 - **DES J0454-4448: discovery of the first luminous $z \geq 6$ quasar from the Dark Energy Survey** *MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY*
Reed, S. L., McMahon, R. G., Banerji, M., Becker, G. D., Gonzalez-Solares, E., Martini, P., Ostrovski, F., Rauch, M., Abbott, T., Abdalla, F. B., Allam, S., Benoit-Levy, A., Bertin, et al
2015; 454 (4): 3952-3961
 - **Constraints on the richness-mass relation and the optical-SZE positional offset distribution for SZE-selected clusters** *MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY*
Saro, A., Bocquet, S., Rozo, E., Benson, B. A., Mohr, J., Rykoff, E. S., Soares-Santos, M., Bleem, L., Dodelson, S., Melchior, P., Sobreira, F., Upadhyay, V., Weller, et al
2015; 454 (3): 2305-2319
 - **SEARCH FOR GAMMA-RAY EMISSION FROM DES DWARF SPHEROIDAL GALAXY CANDIDATES WITH FERMI-LAT DATA** *ASTROPHYSICAL JOURNAL LETTERS*
Drlica-Wagner, A., Albert, A., Bechtol, K., Wood, M., Strigari, L., Sanchez-Conde, M., Baldini, L., Essig, R., Cohen-Tanugi, J., Anderson, B., Bellazzini, R., Bloom, E. D., Caputo, et al
2015; 809 (1)
 - **Mass and galaxy distributions of four massive galaxy clusters from Dark Energy Survey Science Verification data** *MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY*
Melchior, P., Suchyta, E., Huff, E., Hirsch, M., Kacprzak, T., Rykoff, E., Gruen, D., Armstrong, R., Bacon, D., Bechtol, K., Bernstein, G. M., Bridle, S., Clampitt, et al
2015; 449 (3): 2219-2238
 - **Distances with $< 4\%$ precision from type Ia supernovae in young star-forming environments** *SCIENCE*
Kelly, P. L., Filippenko, A. V., Burke, D. L., Hicken, M., Ganeshalingam, M., Zheng, W.
2015; 347 (6229): 1459-1462
 - **Weighing the giants - IV. Cosmology and neutrino mass** *MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY*
Mantz, A. B., von der Linden, A., Allen, S. W., Applegate, D. E., Kelly, P. L., Morris, R. G., Rapetti, D. A., Schmidt, R. W., Adhikari, S., Allen, M. T., Burchat, P. R., Burke, D. L., Cataneo, et al
2015; 446 (3): 2205-2225
 - **Robust weak-lensing mass calibration of Planck galaxy clusters** *MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY*
von der Linden, A., Mantz, A., Allen, S. W., Applegate, D. E., Kelly, P. L., Morris, R. G., Wright, A., Allen, M. T., Burchat, P. R., Burke, D. L., Donovan, D., Ebeling, H.
2014; 443 (3): 1973-1978
 - **Weighing the Giants - I. Weak-lensing masses for 51 massive galaxy clusters: project overview, data analysis methods and cluster images** *MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY*
von der Linden, A., Allen, M. T., Applegate, D. E., Kelly, P. L., Allen, S. W., Ebeling, H., Burchat, P. R., Burke, D. L., Donovan, D., Morris, R. G., Blandford, R., Erben, T., Mantz, et al
2014; 439 (1): 2-27
 - **Weighing the Giants - II. Improved calibration of photometry from stellar colours and accurate photometric redshifts** *MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY*
Kelly, P. L., von der Linden, A., Applegate, D. E., Allen, M. T., Allen, S. W., Burchat, P. R., Burke, D. L., Ebeling, H., Capak, P., Czoske, O., Donovan, D., Mantz, A., Morris, et al
2014; 439 (1): 28-47
 - **Weighing the Giants - III. Methods and measurements of accurate galaxy cluster weak-lensing masses** *MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY*
Applegate, D. E., von der Linden, A., Kelly, P. L., Allen, M. T., Allen, S. W., Burchat, P. R., Burke, D. L., Ebeling, H., Mantz, A., Morris, R. G.

2014; 439 (1): 48-72

- **ALL-WEATHER CALIBRATION OF WIDE-FIELD OPTICAL AND NIR SURVEYS** *ASTRONOMICAL JOURNAL*
Burke, D. L., Saha, A., Claver, J., Axelrod, T., Claver, C., DePoy, D., Ivezic, Z., Jones, L., Smith, R. C., Stubbs, C. W.
2014; 147 (1)
- **PRECISION DETERMINATION OF ATMOSPHERIC EXTINCTION AT OPTICAL AND NEAR-INFRARED WAVELENGTHS** *ASTROPHYSICAL JOURNAL*
Burke, D. L., Axelrod, T., Blondin, S., Claver, C., Ivezic, Z., Jones, L., Saha, A., Smith, A., Smith, R. C., Stubbs, C. W.
2010; 720 (1): 811-823
- **HUBBLE RESIDUALS OF NEARBY TYPE Ia SUPERNOVAE ARE CORRELATED WITH HOST GALAXY MASSES** *ASTROPHYSICAL JOURNAL*
Kelly, P. L., Hicken, M., Burke, D. L., Mandel, K. S., Kirshner, R. P.
2010; 715 (2): 743-756
- **Photometric calibration of LSST data** *THE 2007 ESO INSTRUMENT CALIBRATION WORKSHOP*
Burke, D. L.
2008: 415-423
- **Overview of photometric calibration of LSST instruments and data** *Conference on the Future of Photometric, Spectrophotometric and Polarimetric Standardization*
Burke, D. L.
ASTRONOMICAL SOC PACIFIC.2007: 145-152
- **The LSST camera overview** *Conference on Ground-Based and Airborne Instrumentation for Astronomy*
Gilmore, K., Kahn, S., Nordby, M., Burke, D., O'Connor, P., Oliver, J., Radeka, V., Schalk, T., Schindler, R.
SPIE-INT SOC OPTICAL ENGINEERING.2006
- **Calibrations of LSST camera and telescope systems** *Conference on Ground-Based and Airborne Telescopes*
Burke, D., Axelrod, T., Claver, C., Frank, J., Geary, J., Gilmore, K., Ivezic, Z., Krabbendam, V., Monet, D., O'Connor, P., Oliver, J., Olszewski, E., Pinto, et al
SPIE-INT SOC OPTICAL ENGINEERING.2006
- **First measurement of the double-inclusive B(B)over-bar hadron energy distribution in e(+)e(-) annihilations, and of angle-dependent moments of the B and (B)over-bar energies** *PHYSICS LETTERS B*
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
2004; 578 (1-2): 45-53
- **Status of x-band standing wave structure studies at SLAC** *20th Biennial Particle Accelerator Conference*
Dolgashev, V. A., Adolphsen, C., Burke, D. L., Bowden, G., Jones, R. M., Lewandowski, J., Li, Z., Loewen, R., Miller, R. H., Ng, C., Pearson, C., Ruth, R. D., Tantawi, et al
IEEE.2003: 1264-1266
- **Beam-based optical tuning of the final focus test beam** *16th Biennial Particle Accelerator Conference*
Tenenbaum, P., Burke, D., Hartman, S., Helm, R., Irwin, J., Iverson, R., Raimondi, P., Spence, W., Bharadwaj, V., Halling, M., Holt, J., Buon, J., Jeanjean, et al
IEEE.1996: 749-751
- **Beam-based magnetic alignment of the final focus test beam** *16th Biennial Particle Accelerator Conference*
Tenenbaum, P., Burke, D., Helm, R., Irwin, J., Raimondi, P., Oide, K., Flottmann, K.
IEEE.1996: 2096-2098
- **Parameters of the SLAC next linear collider** *16th Biennial Particle Accelerator Conference*
Raubenheimer, T., Adolphsen, C., Burke, D., Chen, P., Ecklund, S., Irwin, J., Loew, G., Markiewicz, T., Miller, R., Paterson, E., PHINNEY, N., Ross, M., Ruth, et al
IEEE.1996: 698-700
- **FOCUSING OF SUBMICRON BEAMS FOR TEV-SCALE E(+)E(-) LINEAR COLLIDERS** *PHYSICAL REVIEW LETTERS*
Balakin, V., Alexandrov, V. A., MIKHAILICHENKO, A., Flottmann, K., Peters, F., Voss, G. A., Bharadwaj, V., Halling, M., HOLT, J. A., Buon, J., Jeanjean, J., LeDiberder, F., Lepeltier, et al
1995; 74 (13): 2479-2482
- **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

- **TECHNIQUES FOR THE MEASUREMENT OF HIGGS-BOSON BRANCHING FRACTIONS** *PHYSICAL REVIEW D*
Hildreth, M. D., Barklow, T. L., Burke, D. L.
1994; 49 (7): 3441-3449
- **INCLUSIVE CHARGED HADRON AND K₀ PRODUCTION IN 2-PHOTON INTERACTIONS** *PHYSICS LETTERS B*
Cords, D., Boyer, J., Butler, F., GIDAL, G., Abrams, G. S., Amidei, D., Baden, A. R., Barklow, T., Boyarski, A. M., Burchat, P. R., Burke, D. L., DORFAN, J. M., FELDMAN, et al
1993; 302 (2-3): 341-344
- **THE NEXT LINEAR COLLIDER TEST ACCELERATOR** *1993 Particle Accelerator Conference*
Ruth, R. D., Adolphsen, C., Bane, K., Boyce, R. F., Burke, D. L., CALLIN, R., Caryotakis, G., CASSEL, R., Clark, S. L., DERUYTER, H., Fant, K., Fuller, R., Heifets, et al
I E E E.1993: 543-545
- **FLAT BEAMS IN THE SLC** *1993 Particle Accelerator Conference*
Adolphsen, C., Barklow, T., Burke, D., Decker, F. J., Emma, P., Hildreth, M., Himel, T., Krejcik, P., Limberg, T., Minty, M., PHINNEY, N., Raimondi, P., Raubenheimer, et al
I E E E.1993: 2019-2021
- **SEARCH FOR THE PRODUCTION OF THE FINAL-STATES TAU+TAU- E+E-, TAU+TAU-MU+MU-, AND TAU+TAU-PI+PI- IN E+E- COLLISIONS AT SQUARE-ROOT-OF-S = 29 GEV** *PHYSICAL REVIEW LETTERS*
Barklow, T., Innes, W. R., PETRADZA, M., Snyder, A., Stoker, D. P., Wagner, S. R., Abrams, G. S., Amidei, D., Baden, A. R., Boyarski, A. M., Boyer, J., Burchat, P. R., Burke, et al
1992; 68 (1): 13-16
- **BEAM-BASED ALIGNMENT AND TUNING PROCEDURES FOR E+E- COLLIDER FINAL FOCUS SYSTEMS** *14TH BIENNIAL PARTICLE ACCELERATOR CONF : ACCELERATOR SCIENCE AND TECHNOLOGY*
Bulos, F., Burke, D., Helm, R., Irwin, J., Odian, A., Roy, G., Ruth, R., Yamamoto, N.
I E E E.1991: 3216-3218
- **RECENT EXPERIENCE WITH BACKGROUNDS AT THE SLC** *14TH BIENNIAL PARTICLE ACCELERATOR CONF : ACCELERATOR SCIENCE AND TECHNOLOGY*
Jacobsen, R., Band, H., Barklow, T., Bazarko, A., BROWN, K., Burke, D., Coupal, D., DeStaebler, H., Fujino, D., Hearty, C., HERTZBACH, S., Jaros, J., Maruyama, et al
I E E E.1991: 834-835
- **CHROMATICITY CORRECTIONS IN THE SLC FINAL FOCUS SYSTEM** *14TH BIENNIAL PARTICLE ACCELERATOR CONF : ACCELERATOR SCIENCE AND TECHNOLOGY*
Toge, N., BROWN, K., Burke, D., Jacobsen, R., Krejcik, P., Ziemann, V.
I E E E.1991: 2067-2069
- **REVIEW OF TOLERANCES AT THE FINAL FOCUS TEST BEAM** *14TH BIENNIAL PARTICLE ACCELERATOR CONF : ACCELERATOR SCIENCE AND TECHNOLOGY*
Bulos, F., Burke, D., Helm, R., Irwin, J., Roy, G., Yamamoto, N.
I E E E.1991: 3213-3215
- **THE OPTICS OF THE FINAL FOCUS TEST BEAM** *14TH BIENNIAL PARTICLE ACCELERATOR CONF : ACCELERATOR SCIENCE AND TECHNOLOGY*
Irwin, J., BROWN, K., Bulos, F., Burke, D., Helm, R., Roy, G., Ruth, R., Yamamoto, N., Oide, K.
I E E E.1991: 2058-2060
- **TEST OF QED TO 4TH ORDER BY STUDY OF 4-LEPTON FINAL-STATES IN E+E- INTERACTIONS AT 29 GEV WITH THE MARK-II DETECTOR** *PHYSICAL REVIEW D*
PETRADZA, M., Thun, R., Abrams, G., Amidei, D., Baden, A. R., Barklow, T., Boyarski, A., Boyer, J., Burchat, P. R., Burke, D. L., Butler, F., DORFAN, J. M., FELDMAN, et al
1990; 42 (7): 2171-2179
- **MEASUREMENT OF THE 2-PHOTON WIDTH OF THE ETA'(958)** *PHYSICAL REVIEW D*
Butler, F., Boyer, J., GIDAL, G., Abrams, G., Amidei, D., Baden, A. R., Gold, M. S., Goldhaber, G., Golding, L., Haggerty, J., Herrup, D., Juricic, I., Kadyk, et al

1990; 42 (5): 1368-1384

- **2-PHOTON PRODUCTION OF PION PAIRS** *PHYSICAL REVIEW D*
Boyer, J., Butler, F., GIDAL, G., Abrams, G., Amidei, D., Baden, A. R., Gold, M. S., Golding, L., Goldhaber, G., Haggerty, J., Herrup, D., Juricic, I., Kadyk, et al
1990; 42 (5): 1350-1367
- **SEARCH FOR A NEARLY DEGENERATE LEPTON DOUBLET (L-,L0)** *PHYSICAL REVIEW D*
Riles, K., PERL, M. L., Barklow, T., Boyarski, A., Burchat, P. R., Burke, D. L., DORFAN, J. M., FELDMAN, G. J., Gladney, L., HANSON, G., Hayes, K., HOLLEBEEK, R. J., Innes, et al
1990; 42 (1): 1-9
- **OPERATIONAL EXPERIENCE WITH OPTICAL MATCHING IN THE SLC FINAL FOCUS SYSTEM** *NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION A-ACCELERATORS SPECTROMETERS DETECTORS AND ASSOCIATED EQUIPMENT*
Bambade, P., Burchat, P., Burke, D., Ford, W., Hawkes, C., Koska, W., Kozanecki, W., Lohse, T., Mattison, T., PHINNEY, N., Placidi, M., Ritson, D., Wagner, et al
1990; 290 (1): 11-18
- **A REANALYSIS OF B0-BBAR-0 MIXING IN E+E- ANNIHILATION AT 29 GEV** *PHYSICS LETTERS B*
WEIR, A. J., Abrams, G., ADOLPHSEN, C. E., Alexander, J. P., Alvarez, M., Amidei, D., Baden, A. R., Barish, B. C., Barklow, T., Barnett, B. A., Bartelt, J., BLOCKUS, D., Bonvicini, et al
1990; 240 (1-2): 289-296
- **RADIATIVE TAU-PRODUCTION AND DECAY** *PHYSICAL REVIEW D*
Wu, D. Y., Hayes, K., PERL, M. L., Barklow, T., Boyarski, A., Burchat, P. R., Burke, D. L., DORFAN, J. M., FELDMAN, G. J., Gladney, L., HANSON, G., HOLLEBEEK, R. J., Innes, et al
1990; 41 (7): 2339-2342
- **MEASUREMENT OF THE B0-MESON LIFETIME** *PHYSICAL REVIEW LETTERS*
Wagner, S. R., Hinshaw, D. A., Ong, R. A., Snyder, A., Abrams, G., ADOLPHSEN, C. E., Akerlof, C., Alexander, J. P., Alvarez, M., Amidei, D., Baden, A. R., Ballam, J., Barish, et al
1990; 64 (10): 1095-1098
- **UPPER LIMITS ON D+/- AND B+/- DECAYS TO 2 LEPTONS PLUS PI+/- OR K+/-** *PHYSICAL REVIEW D*
WEIR, A. J., Klein, S. R., Abrams, G., ADOLPHSEN, C. E., Akerlof, C., Alexander, J. P., Alvarez, M., Amidei, D., Baden, A. R., Ballam, J., Barish, B. C., Barklow, T., Barnett, et al
1990; 41 (5): 1384-1388
- **MEASUREMENT OF THE 2-PHOTON WIDTH OF THE ETA-MESON AND ETA'-MESON** *PHYSICAL REVIEW D*
Roe, N. A., Bartha, G., Burke, D. L., Garbincius, P., Hawkins, C. A., Jonker, M. J., STEELE, T. R., Johnson, A. S., Whitaker, J. S., Wilson, R. J., Hearty, C., Rothberg, J. E., Young, et al
1990; 41 (1): 17-21
- **DETECTOR BACKGROUND CONDITIONS AT LINEAR COLLIDERS** *5TH INTERNATIONAL CONF ON INSTRUMENTATION FOR COLLIDING BEAM PHYSICS*
Jacobsen, R., Band, H., Barklow, T., Burke, D., Coupal, D., DeStaebler, H., Dydak, F., Feldman, G., HERTZBACH, S., Kofler, R., Kozanecki, W., Maruyama, T., Seeman, et al
WORLD SCIENTIFIC PUBL CO PTE LTD.1990: 455-461
- **SEARCH FOR B-DECAY TO HIGGS BOSONS FOR HIGGS BOSON MASSES BETWEEN 50 AND 210 MEV/C2** *PHYSICS LETTERS B*
Snyder, A., Murray, W. N., Abrams, G., ADOLPHSEN, C. E., Akerlof, C., Alexander, J. P., Alvarez, M., Amidei, D., Baden, A. R., Barish, B. C., Barklow, T., Barnett, B. A., Bartelt, et al
1989; 229 (1-2): 169-174
- **SEARCHES FOR NONMINIMAL HIGGS BOSONS FROM A VIRTUAL-Z DECAYING INTO A MUON PAIR AT THE SLC E+E- STORAGE RING PEP** *PHYSICAL REVIEW D*
Komamiya, S., Fordham, C., Abrams, G., ADOLPHSEN, C. E., Akerlof, C., Alexander, J. P., Alvarez, M., Amidei, D., Baden, A. R., Ballam, J., Barish, B. C., Barklow, T., Barnett, et al
1989; 40 (3): 721-728
- **RETRACTABLE CARBON-FIBER TARGETS FOR MEASURING BEAM PROFILES AT THE SLC COLLISION POINT** *NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION A-ACCELERATORS SPECTROMETERS DETECTORS AND ASSOCIATED EQUIPMENT*
Bowden, G., Burke, D., Field, C., Koska, W.

1989; 278 (3): 664-669

- **SEARCH FOR THE ANOMALOUS PRODUCTION OF SINGLE PHOTONS IN E+E- ANNIHILATION AT SQUARE-ROOT S=29 GEV** *PHYSICAL REVIEW D*
Hearty, C., Rothberg, J. E., Young, K. K., Johnson, A. S., Whitaker, J. S., Wilson, R. J., Bartha, G., Burke, D. L., Extermann, P., Garbincius, P. H., Hawkins, C. A., Jonker, M. J., Keller, et al
1989; 39 (11): 3207-3226
- **LAMBDA-C+ PRODUCTION AND SEMILEPTONIC DECAY IN 29-GEV E+E- ANNIHILATION** *PHYSICAL REVIEW LETTERS*
Klein, S. R., Himel, T., Abrams, G., Amidei, D., Baden, A. R., Barklow, T., Boyarski, A. M., Boyer, J., Burchat, P. R., Burke, D. L., Butler, F., DORFAN, J. M., FELDMAN, et al
1989; 62 (21): 2444-2447
- **MEASUREMENT OF SINGLE AND DOUBLE RADIATIVE LOW-Q2 BHABHA SCATTERING AT ECM=29-GEV** *PHYSICAL REVIEW D*
Karlen, D., Abrams, G., Amidei, D., Baden, A. R., Barklow, T., Boyarski, A. M., Boyer, J., Burchat, P. R., Burke, D. L., Butler, F., DORFAN, J. M., FELDMAN, G. J., GIDAL, et al
1989; 39 (7): 1861-1864
- **REFINED MEASUREMENT OF THE B-HADRON LIFETIME** *PHYSICAL REVIEW LETTERS*
Ong, R. A., Jaros, J. A., Abrams, G. S., Amidei, D., Baden, A. R., Barklow, T., Boyarski, A. M., Boyer, J., Burchat, P. R., Burke, D. L., Butler, F., DORFAN, J. M., FELDMAN, et al
1989; 62 (11): 1236-1239
- **DESIGN AND PERFORMANCE OF THE ASP LEAD-GLASS CALORIMETER** *NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION A-ACCELERATORS SPECTROMETERS DETECTORS AND ASSOCIATED EQUIPMENT*
BARTHA, G. T., Burke, D. L., Extermann, P., Garbincius, P. H., Hawkins, C. A., Jonker, M. J., Keller, L., Matteuzzi, C., Roe, N. A., STEELE, T. R., Johnson, A. S., Whitaker, J. S., Wilson, et al
1989; 275 (1): 59-70
- **BOSE-EINSTEIN CORRELATIONS IN E+E- COLLISIONS** *PHYSICAL REVIEW D*
Juricic, I., Goldhaber, G., GIDAL, G., Abrams, G., Amidei, D., Baden, A. R., Boyer, J., Butler, F., CARITHERS, W. C., Gold, M. S., Golding, L., Haggerty, J., Herrup, et al
1989; 39 (1): 1-20
- **PHASEFIX-CORRECTING THE TUNES OF THE SLC ARCS** *IEEE PARTICLE ACCELERATOR CONF : ACCELERATOR SCIENCE AND TECHNOLOGY*
Haissinski, J., Bambade, P., Brown, K. L., Burke, D. L., Fieguth, T. H., Hutton, A., Mattison, T., Murray, J. J., PHINNEY, N., Placidi, M., Sands, M., Sheppard, J. C., Toge, et al
I E E E.1989: 1352-1354
- **RECENT COMMISSIONING EXPERIENCE ON THE SLC ARCS** *IEEE PARTICLE ACCELERATOR CONF : ACCELERATOR SCIENCE AND TECHNOLOGY*
Toge, N., Bambade, P., Barklow, T., Brown, K. L., Bulos, F., Burke, D. L., Fieguth, T., Haissinski, J., Hutton, A., Jung, C., KHEIFETS, S. A., Komamiya, S., Mattison, et al
I E E E.1989: 1844-1846
- **STRATEGIES TO SEARCH FOR THE STANDARD-MODEL HIGGS BOSON AT A 1-TEV E+E- COLLIDER** *PHYSICAL REVIEW D*
Burchat, P. R., Burke, D. L., Petersen, A.
1988; 38 (9): 2735-2741
- **ETA AND ETA-' PRODUCTION IN E+E- ANNIHILATION AT 29 GEV - EVIDENCE FOR THE DS+/- DECAYS INTO ETA-PI+/- AND ETA-'-PI+/-** *PHYSICAL REVIEW LETTERS*
Wormser, G., Abrams, G., Amidei, D., Baden, A. R., Barklow, T., Boyarski, A. M., Boyer, J., Burchat, P. R., Burke, D. L., Butler, F., DORFAN, J. M., FELDMAN, G. J., GIDAL, et al
1988; 61 (9): 1057-1060
- **OBSERVATION OF PSI-PRODUCTION IN E+E- ANNIHILATION AT 29 GEV** *PHYSICAL REVIEW D*
Wormser, G., Ong, R. A., Abrams, G., Amidei, D., Baden, A. R., Barklow, T., Boyarski, A. M., Boyer, J., Burchat, P. R., Burke, D. L., Butler, F., DORFAN, J. M., FELDMAN, et al
1988; 38 (3): 1001-1003
- **INCLUSIVE LEPTON PRODUCTION IN E+ E- ANNIHILATION AT 29-GEV** *PHYSICAL REVIEW LETTERS*

- Ong, R. A., WEIR, A. J., Abrams, G. S., Amidei, D., Baden, A. R., Barklow, T., Boyarski, A. M., Boyer, J., Burchat, P. R., Burke, D. L., Butler, F., DORFAN, J. M., FELDMAN, et al
1988; 60 (25): 2587-2590
- **DETERMINATION OF ALPHA-S FROM ENERGY-ENERGY CORRELATIONS IN E+E- ANNIHILATION AT 29 GEV** *PHYSICAL REVIEW D*
Wood, D. R., Petersen, A., Abrams, G., ADOLPHSEN, C. E., Akerlof, C., Alexander, J. P., Alvarez, M., Amidei, D., Baden, A. R., Ballam, J., Barish, B. C., Barklow, T., Barnett, et al
1988; 37 (11): 3091-3102
 - **MEASUREMENT OF THE TAU LIFETIME** *PHYSICAL REVIEW D*
Amidei, D., Trilling, G. H., Abrams, G. S., Baden, A. R., Boyer, J., Butler, F., GIDAL, G., GOLD, M. K., Goldhaber, G., Golding, L., Haggerty, J., Herrup, D., Juricic, et al
1988; 37 (7): 1750-1757
 - **MULTIHADRONIC EVENTS AT ECM=29 GEV AND PREDICTIONS OF QCD MODELS FROM ECM=29 GEV TO ECM=93 GEV** *PHYSICAL REVIEW D*
Petersen, A., Abrams, G., ADOLPHSEN, C. E., Akerlof, C., Alexander, J. P., Alvarez, M., Amidei, D., Baden, A. R., Ballam, J., Barish, B. C., Barklow, T., Barnett, B. A., Bartelt, et al
1988; 37 (1): 1-27
 - **OBSERVATION OF OMEGA-PRODUCTION IN E+E- ANNIHILATION AT 29 GEV** *PHYSICAL REVIEW LETTERS*
Klein, S. R., Himel, T., Abrams, G., Amidei, D., Baden, A. R., Barklow, T., Boyarski, A. M., Boyer, J., Burchat, P. R., Burke, D. L., Butler, F., DORFAN, J. M., FELDMAN, et al
1987; 59 (21): 2412-2415
 - **UPPER LIMIT ON THE BRANCHING RATIO FOR THE DECAY TAU-->PI-ETA-NU-TAU** *PHYSICS LETTERS B*
Gan, K. K., Abrams, G. S., Amidei, D., Baden, A. R., Barklow, T., Boyarski, A. M., Boyer, J., Burchat, P. R., Burke, D. L., Butler, F., DORFAN, J. M., FELDMAN, G. J., GIDAL, et al
1987; 197 (4): 561-564
 - **EVIDENCE FOR A SPIN-1 RESONANCE IN THE REACTION GAMMA-GAMMA-STAR->K-0K+/-PI-/+** *PHYSICAL REVIEW LETTERS*
GIDAL, G., Boyer, J., Butler, F., Cords, D., Abrams, G. S., Amidei, D., Baden, A. R., Barklow, T., Boyarski, A. M., Burchat, P., Burke, D. L., DORFAN, J. M., FELDMAN, et al
1987; 59 (18): 2016-2019
 - **OBSERVATION OF SPIN-1 F1(1285) IN THE REACTION GAMMA-GAMMA-STAR->ETA-0-PI+PI-** *PHYSICAL REVIEW LETTERS*
GIDAL, G., Boyer, J., Butler, F., Cords, D., Abrams, G. S., Amidei, D., Baden, A. R., Barklow, T., Boyarski, A. M., Burchat, P., Burke, D. L., DORFAN, J. M., FELDMAN, et al
1987; 59 (18): 2012-2015
 - **STUDY OF TAU-DECAY MODES WITH MULTIPLE NEUTRAL MESONS IN THE FINAL-STATES** *PHYSICAL REVIEW LETTERS*
Gan, K. K., Abrams, G. S., Amidei, D., Baden, A. R., Barklow, T., Boyarski, A. M., Boyer, J., Burchat, P. R., Burke, D. L., Butler, F., DORFAN, J. M., FELDMAN, G. J., GIDAL, et al
1987; 59 (4): 411-414
 - **SEARCH FOR HEAVY-NEUTRINO PRODUCTION IN E + E- ANNIHILATION AT 29 GEV** *PHYSICAL REVIEW LETTERS*
Wendt, C., Abrams, G., Amidei, D., Baden, A. R., Barklow, T., Boyarski, A. M., Boyer, J., Burchat, P. R., Burke, D. L., Butler, F., DORFAN, J. M., FELDMAN, G. J., GIDAL, et al
1987; 58 (18): 1810-1813
 - **LIMIT ON THE DECAY D0->JE+/-MU-/+** *PHYSICAL REVIEW D*
Riles, K., DORFAN, J. M., Abrams, G. S., Amidei, D., Baden, A. R., Barklow, T., Boyarski, A. M., Boyer, J., Burchat, P. R., Burke, D. L., Butler, F., FELDMAN, G. J., GIDAL, et al
1987; 35 (9): 2914-2916
 - **NEW RESULTS ON SINGLE-PHOTON PRODUCTION AT SQUARE-ROOT-S=29 GEV** *PHYSICAL REVIEW LETTERS*
Hearty, C., Rothberg, J. E., Young, K. K., Johnson, A. S., Whitaker, J. S., Wilson, R. J., Bartha, G., Burke, D. L., Extermann, P., Garbincius, P., Hawkins, C. A., Jonker, M. J., Keller, et al
1987; 58 (17): 1711-1714
 - **OBSERVATION OF XI- PRODUCTION IN E+E- ANNIHILATION AT 29 GEV** *PHYSICAL REVIEW LETTERS*

- Klein, S. R., HIMEL, T. M., Abrams, G., Amidei, D., Baden, A. R., Barklow, T., Boyarski, A. M., Boyer, J., Burchat, P. R., Burke, D. L., Butler, F., DORFAN, J. M., FELDMAN, et al
1987; 58 (7): 644-647
- **MEASUREMENT OF THE BRANCHING FRACTIONS OF THE TAU-LEPTON USING A TAGGED SAMPLE OF TAU-DECAYS** *PHYSICAL REVIEW D*
Burchat, P. R., FELDMAN, G. J., Barklow, T., Boyarski, A. M., Burke, D. L., DORFAN, J. M., Gladney, L., HANSON, G., Hayes, K., HOLLEBEEK, R. J., Innes, W. R., Jaros, J. A., Karlen, et al
1987; 35 (1): 27-41
 - **STUDY OF NONCOLLINEAR 2-CHARGED-PARTICLE EVENTS PRODUCED IN 29-GEV ELECTRON-POSITRON ANNIHILATION** *PHYSICAL REVIEW D*
PERL, M. L., Muller, L., Barklow, T., Boyarski, A. M., Breidenbach, M., Burchat, P. R., Burke, D. L., DORFAN, J. M., FELDMAN, G. J., Gladney, L., HANSON, G., Hayes, K., HOLLEBEEK, et al
1986; 34 (11): 3321-3331
 - **MEASUREMENT OF THE D0 AND D+ LIFETIMES** *PHYSICAL REVIEW D*
Gladney, L., Jaros, J. A., Ong, R. A., Barklow, T., Boyarski, A. M., Breidenbach, M., Burchat, P., Burke, D. L., DORFAN, J. M., FELDMAN, G. J., HANSON, G., Hayes, K., HOLLEBEEK, et al
1986; 34 (9): 2601-2610
 - **COMPARISON OF THE PARTICLE FLOWS IN 3-JET AND RADIATIVE 2-JET EVENTS FROM E+E- ANNIHILATION AT ECM=29GEV** *PHYSICAL REVIEW LETTERS*
Sheldon, P. D., Trilling, G. H., Petersen, A., Abrams, G., Amidei, D., Baden, A. R., Barklow, T., Boyarski, A. M., Bover, J., Burchat, P. R., Burke, D. L., Butler, F., DORFAN, et al
1986; 57 (12): 1398-1401
 - **STUDY OF THE DECAY TAU--]PI-PI-PI+NU-T** *PHYSICAL REVIEW LETTERS*
Schmidke, W. B., Abrams, G. S., Matteuzzi, C., Amidei, D., Baden, A. R., Barklow, T., Boyarski, A. M., Boyer, J., Breidenbach, M., Burchat, P. R., Burke, D. L., Butler, F., DIETERLE, et al
1986; 57 (5): 527-530
 - **MEASUREMENT OF THE BRANCHING FRACTIONS TAU--]RHO-NU-TAU AND TAU--]K-STAR-NU-TAU** *PHYSICAL REVIEW LETTERS*
YELTON, J. M., DORFAN, J. M., Abrams, G. S., Amidei, D., Baden, A. R., Barklow, T., Boyarski, A. M., Boyer, J., Breidenbach, M., Burchat, P., Burke, D. L., Butler, F., Feldman, et al
1986; 56 (8): 812-814
 - **SEARCH FOR ANOMALOUS SINGLE-PHOTON PRODUCTION IN E+E- ANNIHILATION AT SQUARE-ROOT= 29 GEV** *PHYSICAL REVIEW LETTERS*
Bartha, G., Burke, D. L., Extermann, P., Garbincius, P., Hawkins, C. A., HOLLEBEEK, R. J., Jonker, M. J., Keller, L., Matteuzzi, C., Roe, N. A., STEELE, T. R., Wilson, R. J., Johnson, et al
1986; 56 (7): 685-688
 - **CHARGED-MESON PAIR PRODUCTION IN GAMMA-GAMMA-INTERACTIONS** *PHYSICAL REVIEW LETTERS*
Boyer, J., Burke, D. L., Butler, F., GIDAL, G., Abrams, G. S., Amidei, D., Baden, A. R., Barklow, T., Boyarski, A. M., Breidenbach, M., Burchat, P., DORFAN, J. M., FELDMAN, et al
1986; 56 (3): 207-210
 - **CHARGED MULTIPLICITY OF HADRONIC EVENTS CONTAINING HEAVY-QUARK JETS** *PHYSICAL REVIEW LETTERS*
Rowson, P. C., Trilling, G. H., Abrams, G. S., Amidei, D., Baden, A. R., Barklow, T., Boyarski, A. M., Boyer, J., Breidenbach, M., Burchat, P., Burke, D. L., Butler, F., DORFAN, et al
1985; 54 (24): 2580-2583
 - **IMPROVED UPPER LIMIT ON NU-TAU-MASS** *PHYSICAL REVIEW D*
Matteuzzi, C., Barklow, T., Boyarski, A. M., Breidenbach, M., Burchat, P., Burke, D. L., DORFAN, J. M., FELDMAN, G. J., Gladney, L., HANSON, G., Hayes, K., HOLLEBEEK, R. J., NNES, et al
1985; 32 (3): 800-801
 - **UPPER LIMIT ON B0BBAR0 MIXING IN E+E- ANNIHILATION AT 29 GEV** *PHYSICS LETTERS B*
SCHAAD, T., Nelson, M. E., Abrams, G., Amidei, D., Baden, A. R., Barklow, T., Boyarski, A. M., Boyer, J., Breidenbach, M., Burchat, P. R., Burke, D. L., Butler, F., DORFAN, et al
1985; 160 (1-3): 188-192

- **INCLUSIVE CHARGED-PARTICLE DISTRIBUTION IN NEARLY THREEFOLD-SYMMETRIC 3-JET EVENTS AT EC.M.=29GEV** *PHYSICAL REVIEW LETTERS*
Petersen, A., Abrams, G. S., Amidei, D., Baden, A. R., Barklow, T., Boyarski, A. M., Boyer, J., Breidenbach, M., Burchat, P. R., Burke, D. L., Butler, F., DORFAN, J. M., FELDMAN, et al
1985; 55 (19): 1954-1957
- **SEARCH FOR MONOJET PRODUCTION IN E+E- ANNIHILATION** *PHYSICAL REVIEW LETTERS*
FELDMAN, G. J., Abrams, G. S., Amidei, D., Baden, A. R., Barklow, T., Boyarski, A. M., Boyer, J., Breidenbach, M., Burchat, P., Burke, D. L., Butler, F., DORFAN, J. M., GIDAL, et al
1985; 54 (21): 2289-2291
- **MEASUREMENT OF THE BRANCHING FRACTION FOR TAU--JSPIT+/- (PI-0) NU-TAU AND AN UPPER LIMIT ON THE NU-TAU MASS** *PHYSICAL REVIEW LETTERS*
Burchat, P. R., Schmidke, W. B., YELTON, J. M., Abrams, G., Amidei, D., Baden, A. R., Barklow, T., Boyarski, A. M., Boyer, J., Breidenbach, M., Burke, D. L., Butler, F., DORFAN, et al
1985; 54 (23): 2489-2492
- **SEARCHES FOR UNSTABLE NEUTRAL LEPTONS IN LOW-MULTIPLICITY EVENTS FROM ELECTRON-POSITRON ANNIHILATION** *PHYSICAL REVIEW D*
PERL, M. L., Barklow, T., Boyarski, A. M., Breidenbach, M., Burchat, P. R., Burke, D. L., DORFAN, J. M., FELDMAN, G. J., Gladney, L., HANSON, G., Hayes, K., HOLLEBEEK, R. J., Innes, et al
1985; 32 (11): 2859-2868
- **MEASUREMENT OF K+/- AND KO INCLUSIVE RATES IN E+E- ANNIHILATION AT 29 GEV** *PHYSICAL REVIEW D*
Schellman, H., Trilling, G. H., Abrams, G. S., Amidei, D., Baden, A. R., Boyer, J., Butler, F., DILLON, J. B., GIDAL, G., Gold, M. S., Goldhaber, G., GOLDING, L. J., Haggerty, et al
1985; 31 (11): 3013-3016
- **LAMBDA-PRODUCTION IN E+E- ANNIHILATION AT 29 GEV** *PHYSICAL REVIEW LETTERS*
DELAVAISSIERE, C., Luth, V., Abrams, G. S., Amidei, D., Baden, A. R., Barklow, T., Boyarski, A. M., Boyer, J., Breidenbach, M., Burchat, P., Burke, D. L., Butler, F., Dillon, et al
1985; 54 (19): 2071-2074
- **DECAYS OF THE PSI(3097) TO BARYON-ANTIBARYON FINAL-STATES** *PHYSICAL REVIEW D*
EATON, M. W., Goldhaber, G., Abrams, G. S., BLOCKER, C. A., CARITHERS, W. C., CHINOWSKY, W., COLES, M. W., Cooper, S., DIETERLE, W. E., DILLON, J. B., GIDAL, G., Johnson, A. D., Kadyk, et al
1984; 29 (5): 804-821
- **PION PAIR PRODUCTION FROM GAMMA-GAMMA-COLLISIONS AT THE SLAC E+E- STORAGE RING PEP** *PHYSICAL REVIEW D*
Smith, J. R., Burke, D. L., Boyarski, A. M., Breidenbach, M., DORFAN, J. M., FELDMAN, G. J., Gladney, L., HANSON, G., HOLLEBEEK, R. J., Innes, W. R., Jaros, J. A., Lankford, A. J., LARSEN, et al
1984; 30 (5): 851-859
- **UPPER LIMIT ON THE NU-TAU-MASS** *PHYSICAL REVIEW LETTERS*
Matteuzzi, C., Abrams, G. S., DELAVASSIERE, C., Amidei, D., Baden, A. R., Boyarski, A. M., Boyer, J., Breidenbach, M., Burchat, P., Butler, F., Burke, D. L., DORFAN, J. M., FELDMAN, et al
1984; 52 (21): 1869-1871
- **MEASUREMENT OF THE D0 LIFETIME** *PHYSICAL REVIEW LETTERS*
YELTON, J. M., Gladney, L., Goldhaber, G., Abrams, G. S., Amidei, D., Baden, A. R., Boyarski, A. M., Boyer, J., Breidenbach, M., Burchat, P., Butler, F., Burke, D. L., DORFAN, et al
1984; 52 (23): 2019-2021
- **VARIATION OF THE STRONG COUPLING-CONSTANT FROM A MEASUREMENT OF THE JET ENERGY SPREAD IN E+E- ANNIHILATION** *PHYSICS LETTERS B*
Lohr, B., HOLLEBEEK, R. J., Richter, B., Schlatter, D., Abrams, G. S., Amidei, D., BLOCKER, C. A., Boyarski, A. M., Breidenbach, M., Burke, D. L., DIETERLE, W. E., DILLON, J. B., DORFAN, et al
1983; 122 (1): 90-94
- **LIMITS ON J/PSI-PRODUCTION AND UPSILON-PRODUCTION IN E+E-INTERACTIONS AT SQUARE-ROOT-S=29 GEV** *PHYSICS LETTERS B*
Matteuzzi, C., Abrams, G. S., Amidei, D., BLOCKER, C. A., Boyarski, A. M., Breidenbach, M., Burke, D. L., CHINOWSKY, W., DIETERLE, W. E., DILLON, J. B., DORFAN, J. M., EATON, M. W., FELDMAN, et al

1983; 129 (1-2): 141-144

● **PRECISE MEASUREMENT OF THE TAU-LIFETIME** *PHYSICAL REVIEW LETTERS*

Jaros, J. A., Amidei, D., Trilling, G. H., Abrams, G. S., BLOCKER, C. A., Boyarski, A. M., Breidenbach, M., Burke, D. L., DORFAN, J. M., FELDMAN, G. J., GIDAL, G., Gladney, L., Gold, et al

1983; 51 (11): 955-958

● **SEARCH FOR SUPERSYMMETRIC ELECTRONS** *PHYSICAL REVIEW LETTERS*

Gladney, L., HOLLEBEEK, R. J., LECLAIRE, B. W., Abrams, G. S., Amidei, D., Baden, A. R., Boyarski, A. M., Breidenbach, M., Burchat, P., Butler, F., Burke, D. L., DORFAN, J. M., FELDMAN, et al

1983; 51 (25): 2252-2256

● **INCLUSIVE ELECTRON PRODUCTION IN E+E- ANNIHILATION AT 29-GEV** *PHYSICAL REVIEW LETTERS*

Nelson, M. E., Blondel, A., Trilling, G. H., Abrams, G. S., Amidei, D., BLOCKER, C. A., Boyarski, A. M., Breidenbach, M., Burke, D. L., CHINOWSKY, W., DIETERLE, W. E., DILLON, J. B., DORFAN, et al

1983; 50 (20): 1542-1545

● **WEAK NEUTRAL CURRENTS IN E+E- COLLISIONS AT SQUARE-ROOT-OF-S=29 GEV** *PHYSICAL REVIEW LETTERS*

Levi, M. E., BLOCKER, C. A., STRAIT, J., Abrams, G. S., Amidei, D., Baden, A. R., Boyarski, A. M., Breidenbach, M., Burchat, P., Burke, D. L., DORFAN, J. M., FELDMAN, G. J., GIDAL, et al

1983; 51 (21): 1941-1944

● **MEASUREMENT OF THE LIFETIME OF BOTTOM HADRONS** *PHYSICAL REVIEW LETTERS*

Lockyer, N. S., Jaros, J. A., Nelson, M. E., Abrams, G. S., Amidei, D., Baden, A. R., BLOCKER, C. A., Boyarski, A. M., Breidenbach, M., Burchat, P., Burke, D. L., DORFAN, J. M., FELDMAN, et al

1983; 51 (15): 1316-1319

● **MEASUREMENT OF PSI-(3097) AND PSIS(3686) DECAYS INTO SELECTED HADRONIC MODES** *PHYSICAL REVIEW LETTERS*

FRANKLIN, M. E., FELDMAN, G. J., Abrams, G. S., Alam, M. S., BLOCKER, C. A., Blondel, A., Boyarski, A. M., Breidenbach, M., Burke, D. L., CARITHERS, W. C., CHINOWSKY, W., COLES, M. W., Cooper, et al

1983; 51 (11): 963-966

● **RESONANCE PRODUCTION BY 2-PHOTON INTERACTIONS AT SPEAR** *PHYSICAL REVIEW D*

Jenni, P., Burke, D. L., Telnov, V., Alam, M. S., Boyarski, A. M., Breidenbach, M., DORENBOSCH, J., DORFAN, J. M., FELDMAN, G. J., FRANKLIN, M. E., HANSON, G., Hayes, K. G., Himel, et al

1983; 27 (5): 1031-1039

● **OBSERVATION OF SEMI-LEPTONIC DECAYS OF CHARMED BARYONS** *PHYSICAL REVIEW LETTERS*

Vella, E., Trilling, G. H., Abrams, G. S., Alam, M. S., BLOCKER, C. A., Blondel, A., Boyarski, A. M., Breidenbach, M., Burke, D. L., CARITHERS, W. C., CHINOWSKY, W., COLES, M. W., Cooper, et al

1982; 48 (22): 1515-1518

● **PRECISE MEASUREMENT OF TAU-DECAY CHARGED-PARTICLE MULTIPLICITY DISTRIBUTION** *PHYSICAL REVIEW LETTERS*

BLOCKER, C. A., Levi, M., Abrams, G. S., Amidei, D., Backer, A., Blondel, A., Boyarski, A. M., Breidenbach, M., Burke, D. L., CHINOWSKY, W., DIETERLE, W. E., DILLON, J. B., DORENBOSCH, et al

1982; 49 (19): 1369-1372

● **OBSERVATION OF SCALE BREAKING IN INCLUSIVE HADRON-PRODUCTION BY E+E-ANNIHILATION** *PHYSICAL REVIEW LETTERS*

PATRICK, J. F., Luth, V., SIEGRIST, J. L., Abrams, G. S., Alam, M. S., Amidei, D., Backer, A., BLOCKER, C. A., Blondel, A., Boyarski, A. M., Breidenbach, M., Burke, D. L., CARITHERS, et al

1982; 49 (17): 1232-1235

● **D-MESON PRODUCTION IN E+E- ANNIHILATION AT EC.M. BETWEEN 3.8 AND 6.7 GEV** *PHYSICAL REVIEW D*

COLES, M. W., Abrams, G. S., BLOCKER, C. A., Blondel, A., CARITHERS, W. C., CHINOWSKY, W., Cooper, S., DIETERLE, W. E., DILLON, J. B., EATON, M. W., GIDAL, G., Goldhaber, G., Johnson, et al

1982; 26 (9): 2190-2201

● **OBSERVATION OF THE DECAY PSI-JGAMMA-RHO-0-RHO-0** *PHYSICAL REVIEW LETTERS*

Burke, D. L., Trilling, G. H., Abrams, G. S., Alam, M. S., BLOCKER, C. A., Boyarski, A. M., Breidenbach, M., CARITHERS, W. C., CHINOWSKY, W., COLES, M. W., Cooper, S., DIETERLE, W. E., DILLON, et al

1982; 49 (9): 632-635

- **A STUDY OF THE DECAY $\tau \rightarrow \rho \pi \nu \tau$** *PHYSICS LETTERS B*
BLOCKER, C. A., DORFAN, J. M., Abrams, G. S., Alam, M. S., Blondel, A., Boyarski, A. M., Breidenbach, M., Burke, D. L., CARITHERS, W. C., CHINOWSKY, W., COLES, M. W., Cooper, S., DIETERLE, et al
1982; 109 (1-2): 119-123
- **PHOTON-PHOTON COLLISIONS** *JOURNAL DE PHYSIQUE*
Burke, D. L.
1982; 43 (NC3): 513-524
- **MEASUREMENT OF THE τ -LIFETIME** *PHYSICAL REVIEW LETTERS*
FELDMAN, G. J., Trilling, G. H., Abrams, G. S., Amidei, D., Backer, A., BLOCKER, C. A., Blondel, A., Boyarski, A. M., Breidenbach, M., Burke, D. L., CHINOWSKY, W., COLES, M. W., VONDARDEL, et al
1982; 48 (2): 66-69
- **MEASUREMENT OF ENERGY CORRELATIONS IN e^+e^- HADRONS** *PHYSICAL REVIEW LETTERS*
Schlatter, D., Abrams, G. S., Amidei, D., Backer, A., BLOCKER, C. A., Blondel, A., Boyarski, A. M., Breidenbach, M., Burke, D. L., CHINOWSKY, W., COLES, M. W., VONDARDEL, G., DIETERLE, et al
1982; 49 (8): 521-524
- **LIMITS ON THE PRODUCTION OF POINTLIKE, CHARGED, SPIN-0 PARTICLES IN e^+e^- ANNIHILATIONS AT 29 GEV** *PHYSICAL REVIEW LETTERS*
BLOCKER, C. A., Matteuzzi, C., Abrams, G. S., Amidei, D., Backer, A., Blondel, A., Boyarski, A. M., Breidenbach, M., Burke, D. L., CHINOWSKY, W., VONDARDEL, G., DIETERLE, W. E., DILLON, et al
1982; 49 (8): 517-520
- **D STAR+ PRODUCTION IN e^+e^- ANNIHILATION AT 29 GEV** *PHYSICAL REVIEW LETTERS*
YELTON, J. M., FELDMAN, G. J., Goldhaber, G., Abrams, G. S., Amidei, D., Backer, A., BLOCKER, C. A., Blondel, A., Boyarski, A. M., Breidenbach, M., Burke, D. L., CHINOWSKY, W., VONDARDEL, et al
1982; 49 (7): 430-433
- **MEASUREMENT OF THE BRANCHING FRACTION FOR THE CABIBBO-SUPPRESSED DECAY $\tau \rightarrow \rho \pi \nu \tau$** *PHYSICAL REVIEW LETTERS*
BLOCKER, C. A., Abrams, G. S., Alam, M. S., Blondel, A., Boyarski, A. M., Breidenbach, M., Burke, D. L., CARITHERS, W. C., CHINOWSKY, W., COLES, M. W., Cooper, S., DIETERLE, W. E., DILLON, et al
1982; 48 (23): 1586-1589
- **EXPERIMENTAL UPPER LIMITS ON BRANCHING FRACTIONS FOR UNEXPECTED DECAY MODES OF THE τ -LEPTON** *PHYSICAL REVIEW D*
Hayes, K. G., PERL, M. L., Alam, M. S., Boyarski, A. M., Breidenbach, M., Burke, D. L., DORENBOSCH, J., DORFAN, J. M., FELDMAN, G. J., FRANKLIN, M. E., HANSON, G., Himel, T., Hitlin, et al
1982; 25 (11): 2869-2886
- **A MEASUREMENT OF THE CROSS-SECTION FOR 4-PION PRODUCTION IN GAMMA-GAMMA-COLLISIONS AT SPEAR** *PHYSICS LETTERS B*
Burke, D. L., Abrams, G. S., Alam, M. S., BLOCKER, C. A., Blondel, A., Boyarski, A. M., Breidenbach, M., CARITHERS, W. C., CHINOWSKY, W., COLES, M. W., Cooper, S., DIETERLE, W. E., DILLON, et al
1981; 103 (2): 153-156
- **PION PAIR PRODUCTION IN PHOTON - PHOTON COLLISIONS AT SPEAR** *PHYSICS LETTERS B*
Roussarie, A., Burke, D. L., Abrams, G. S., Alam, M. S., BLOCKER, C. A., Blondel, A., Boyarski, A. M., Breidenbach, M., CARITHERS, W. C., CHINOWSKY, W., COLES, M. W., Cooper, S., DIETERLE, et al
1981; 105 (4): 304-308
- **A SEARCH FOR STABLE PARTICLES HEAVIER THAN THE PROTON AND FOR $Q=2-3$ QUARKS PRODUCED IN e^+e^- ANNIHILATION** *PHYSICS LETTERS B*
Weiss, J. M., Abrams, G. S., Alam, M. S., BLOCKER, C. A., Blondel, A., Boyarski, A. M., Breidenbach, M., Burke, D. L., CARITHERS, W. C., CHINOWSKY, W., COLES, M. W., Cooper, S., DIETERLE, et al
1981; 101 (6): 439-443
- **MEASUREMENT OF THE BRANCHING FRACTION FOR THE CABIBBO-SUPPRESSED DECAY $\tau \rightarrow \rho \pi \nu \tau$** *PHYSICAL REVIEW LETTERS*
DORFAN, J. M., BLOCKER, C. A., Abrams, G. S., Alam, M. S., Boyarski, A. M., Breidenbach, M., Burke, D. L., CARITHERS, W. C., CHINOWSKY, W., COLES, M. W., Cooper, S., DIETERLE, W. E., DILLON, et al

1981; 46 (4): 215-218

● **DIRECT PHOTON PRODUCTION AT THE PSI** *PHYSICAL REVIEW D*

SCHARRE, D. L., Alam, M. S., Boyarski, A. M., Breidenbach, M., Burke, D. L., DORENBOSCH, J., DORFAN, J. M., FELDMAN, G. J., FRANKLIN, M. E., HANSON, G., Hayes, K. G., Himel, T., Hitlin, et al

1981; 23 (1): 43-55

● **OBSERVATION OF SSTAR-JPITPI- IN PSI- DECAY** *PHYSICS LETTERS B*

GIDAL, G., Goldhaber, G., GUY, J. G., Millikan, R. E., Abrams, G. S., Alam, M. S., BLOCKER, C. A., Blondel, A., Boyarski, A., Breidenbach, M., Burke, D. L., CARITHERS, W. C., CHINOWSKY, et al

1981; 107 (1-2): 153-158

● **MEASUREMENTS OF THE PROPERTIES OF D-MESON DECAYS** *PHYSICAL REVIEW D*

Schindler, R. H., Alam, M. S., Boyarski, A. M., Breidenbach, M., Burke, D. L., DORENBOSCH, J., DORFAN, J. M., FELDMAN, G. J., FRANKLIN, M. E., HANSON, G., Hayes, K. G., Himel, T., Hitlin, et al

1981; 24 (1): 78-97

● **OBSERVATION OF CHARMED-BARYON PRODUCTION IN E+E- ANNIHILATION** *PHYSICAL REVIEW LETTERS*

Abrams, G. S., Alam, M. S., BLOCKER, C. A., Boyarski, A. M., Breidenbach, M., Burke, D. L., CARITHERS, W. C., CHINOWSKY, W., COLES, M. W., Cooper, S., DIETERLE, W. E., DILLON, J. B., DORENBOSCH, et al

1980; 44 (1): 10-13

● **MEASUREMENT OF THE PARAMETERS OF THE PSI-(3770) RESONANCE** *PHYSICAL REVIEW D*

Schindler, R. H., SIEGRIST, J. L., Alam, M. S., Boyarski, A. M., Breidenbach, M., Burke, D. L., DORENBOSCH, J., DORFAN, J. M., FELDMAN, G. J., FRANKLIN, M. E., HANSON, G., Hayes, K. G., Himel, et al

1980; 21 (9): 2716-2719

● **OBSERVATION OF THE ETA-C(2980) PRODUCED IN THE RADIATIVE DECAY OF THE PSI'(3684)** *PHYSICAL REVIEW LETTERS*

HIMEL, T. M., Trilling, G. H., Abrams, G. S., Alam, M. S., BLOCKER, C. A., BLONDEL, A. P., Boyarski, A. M., Breidenbach, M., Burke, D. L., CARITHERS, W. C., CHINOWSKY, W., COLES, M. W., Cooper, et al

1980; 45 (14): 1146-1149

● **MEASUREMENT OF HIGH-ENERGY DIRECT PHOTONS IN PSI-DECAYS** *PHYSICAL REVIEW LETTERS*

Abrams, G. S., Alam, M. S., BLOCKER, C. A., Boyarski, A. M., Breidenbach, M., Burke, D. L., CARITHERS, W. C., CHINOWSKY, W., COLES, M. W., Cooper, S., DIETERLE, W. E., DILLON, J. B., DORENBOSCH, et al

1980; 44 (3): 114-118

● **MEASUREMENT OF GAMMA-GAMMA-PSI-FINAL STATES IN PSI'-DECAY** *PHYSICAL REVIEW LETTERS*

HIMEL, T. M., Abrams, G. S., Alam, M. S., BLOCKER, C. A., Boyarski, A. M., Breidenbach, M., Burke, D. L., CARITHERS, W. C., CHINOWSKY, W., COLES, M. W., Cooper, S., DIETERLE, W. E., DILLON, et al

1980; 44 (14): 920-923

● **OBSERVATION OF THE RADIATIVE TRANSITION PSI-JGAMMA-EPSILON(1420)** *PHYSICS LETTERS B*

SCHARRE, D. L., Trilling, G. H., Abrams, G. S., Alam, M. S., BLOCKER, C. A., Blondel, A., Boyarski, A. M., Breidenbach, M., Burke, D. L., CARITHERS, W. C., CHINOWSKY, W., COLES, M. W., Cooper, et al

1980; 97 (2): 329-332

● **OBSERVATION OF CABIBBO-SUPPRESSED DECAY D0-JPI-PI+ AND D0-JK-K+** *PHYSICAL REVIEW LETTERS*

Abrams, G. S., Alam, M. S., BLOCKER, C. A., Boyarski, A. M., Breidenbach, M., BROLL, C. H., Burke, D. L., CARITHERS, W. C., CHINOWSKY, W., COLES, M. W., Cooper, S., DIETERLE, W. E., DILLON, et al

1979; 43 (7): 481-483

● **MEASUREMENT OF THE BRANCHING FRACTION FOR TAU-JRHO-NU** *PHYSICAL REVIEW LETTERS*

Abrams, G. S., Alam, M. S., BLOCKER, C. A., Boyarski, A. M., Breidenbach, M., Burke, D. L., CARITHERS, W. C., CHINOWSKY, W., COLES, M. W., Cooper, S., Couchman, B., DIETERLE, W. E., DILLON, et al

1979; 43 (21): 1555-1558

● **MEASUREMENT OF THE RADIATIVE WIDTH OF THE ETA-' IN 2-PHOTON INTERACTION AT SPEAR** *PHYSICAL REVIEW LETTERS*

Abrams, G. S., Alam, M. S., BLOCKER, C. A., Boyarski, A. M., Breidenbach, M., BROLL, C. H., Burke, D. L., CARITHERS, W. C., CHINOWSKY, W., COLES, M. W., Cooper, S., Couchman, B., DIETERLE, et al

1979; 43 (7): 477-480