



Patricia Burchat

Gabilan Professor
Physics

CONTACT INFORMATION

- **Administrative Contact**

Sha Zhang

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Bio

BIO

Prof. Burchat grew up in a very large family in a very small town in Canada. She is passionate about teaching and instilling enthusiasm for science in her students. At Stanford, she has received the Dean's Award for Distinguished Teaching and the Walter J. Gores Award for excellence in teaching. She is a Fellow of the American Physical Society and the American Association for the Advancement of Science, and has received a Guggenheim Fellowship. She is past-Chair of the National Organizing Committee for the APS Conferences for Undergraduate Women in Physics.

Professor Burchat's research interests focus on fundamental questions in physics: What is the Universe made of? What are the laws of physics that govern the constituents of the Universe? She is interested in studying the Universe at both the smallest and the largest scales. She has used accelerators to probe the elementary particles and the fundamental interactions; her current focus is on using astronomical images to investigate the cosmological evolution of the Universe.

Prof. Burchat is a member of an international collaboration preparing for operation of Vera C. Rubin Observatory, a telescope project that will provide the most complete census of the Universe to date -- the Legacy Survey of Space & Time (LSST). Rubin Observatory is under construction in Chile and is scheduled to see "first light" around 2024. Prof. Burchat's group works within the LSST Dark Energy Science Collaboration (DESC) to prepare to fully optimize the use of the gravitational bending of light by "dark matter" to study the evolution of "dark energy". Burchat has served as Deputy Spokesperson and Technical Coordinator of the DESC.

Over her career, Burchat has been a key player in a number of accelerator-based particle physics experiments: Mark II at the SLAC Linear Collider, E791 at Fermilab, and BABAR at SLAC. Each of these experiments probed the fundamental interactions, especially the "weak" interaction. The research of Burchat's group in these experiments included pioneering studies of the neutral carrier of the weak interaction (the Z0), searches for heavy neutral leptons, precision studies of semileptonic decays of charm mesons, searches for and discovery of charm mixing, and detailed studies of differences in the way matter and antimatter evolve in time (CP violation in B meson decays).

A theme in Burchat's research has been developing a deep understanding of physical, instrumental, and statistical effects that impact precision measurements of fundamental physics so that the measurements are ultimately both accurate and precise.

ACADEMIC APPOINTMENTS

- Professor, Physics

ADMINISTRATIVE APPOINTMENTS

- Full Professor, Department of Physics, Stanford University, (2000- present)
- Associate Professor, Department of Physics, Stanford University, (1995-2000)
- Associate Professor, Department of Physics, University of California, Santa Cruz, (1992-1994)
- Assistant Professor, Department of Physics, University of California, Santa Cruz, (1988-1992)

HONORS AND AWARDS

- Engineering Alumni Hall of Distinction Award, University of Toronto (2020)
- AAAS Fellow, American Association for the Advancement of Science (2012)
- Judith Pool Award, Northern California Chapter of the Association for Women in Science (2010)
- Walter J. Gores Award, Stanford University (2007)
- Gabilan Professorship, Stanford University (2006)
- Guggenheim Fellow, John Simon Goggenheim Memorial Foundation (2005)
- Sapp Family University Fellow in UG Education, Stanford University (2004)
- APS Fellow, American Physical Society (2001)
- Dean's Award, Stanford University (1997)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Executive Committee Member-at-Large, American Physical Society Division of Astrophysics (2015 - 2017)
- Member, LSST Corp Executive Board (2012 - present)
- Member, LSST Dark Energy Science Collaboration (2012 - present)
- Chair, LSST Publications Board (2012 - 2015)
- Chair Line, National Organizing Committee for the APS Conferences for Undergraduate Women in Physics (2012 - 2015)
- Member, LSST Corp Institutional Board (2010 - present)
- Member of Committee on the Status of Women in Physics, American Physical Society (2010 - 2011)
- Member of Committee of Visitors, National Science Foundation (2009 - 2009)
- Member of High Energy Physics Advisory Panel (HEPAP), Department of Energy and National Science Foundation (2008 - 2009)
- Member of P5, Particle Physics Prioritization Panel (P5) - a subpanel of HEPAP (2003 - 2004)

PROFESSIONAL EDUCATION

- B.S. Applied Sci. & Engineering, University of Toronto , Engineering Science (1981)
- Ph.D, Stanford University , Physics (1986)
- Postdoctoral Research Physicist, University of California, Santa Cruz , Santa Cruz Institute for Particle Physics (1988)

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Professor Burchat's research interests focus on fundamental questions in physics: What is the Universe made of? What are the laws of physics that govern the constituents of the Universe? She is interested in studying the Universe at both the smallest and the largest scales. She has used accelerators to probe the elementary particles and the fundamental interactions; her current focus is on using telescopes to investigate the cosmological evolution of the Universe.

Prof. Burchat is a member of an international collaboration preparing for operation of Vera C. Rubin Observatory, which will provide the most complete census of the Universe to date -- the Legacy Survey of Space & Time (LSST). Rubin observatory hosts a 8.4-meter ground-based telescope with a 10-square-degree field of view that will survey the Universe with an unprecedented combination of breadth (coverage of the entire night-sky approximately every three nights) and depth (sensitivity to matter densities up to seven billion light-years away). The LSST camera is a 3.2 Gigapixel CCD array, which will be read out in approximately 2 seconds, every 15 seconds, generating tens of terabytes of data each night. The telescope is under construction on Cerro Pachon, an 8,800-foot mountain peak in northern Chile. The telescope is scheduled to see "first light" around 2022.

Prof. Burchat's group works within the LSST Dark Energy Science Collaboration (DESC) to prepare to fully optimize the use of the gravitational bending of light by "dark matter" to study the evolution of "dark energy" -- shedding light on the identity of these components that make up the majority of the energy density of the Universe. The group works on developing a deep understanding of effects that have the potential to limit our sensitivity to cosmology with LSST: from understanding and correcting for the impact of turbulence in the atmosphere on image quality, to challenges of image analysis at the high number density of galaxies in LSST images.

In the past, she worked with colleagues at Stanford to measure the masses of giant clusters of galaxies using images from the Subaru Telescope in Hawaii.

Teaching

COURSES

2024-25

- Mechanics and Special Relativity: PHYSICS 61 (Aut)
- Quantum Mechanics I: PHYSICS 130 (Spr)

2023-24

- Mechanics and Special Relativity: PHYSICS 61 (Aut)
- Quantum Mechanics I: PHYSICS 130 (Spr)

2022-23

- Mechanics and Special Relativity: PHYSICS 61 (Aut)
- Quantum Mechanics I: PHYSICS 130 (Win)

2021-22

- Mechanics and Special Relativity: PHYSICS 61 (Aut)

STANFORD ADVISEES

Doctoral Dissertation Reader (AC)

Drew Ames, Sarah Gaiser, Minjie Lei, Rory O'Dwyer, Theo Schutt

Postdoctoral Faculty Sponsor

Shuang Liang

Doctoral Dissertation Advisor (AC)

Sidney Mau

Postdoctoral Research Mentor

Shuang Liang

Publications

PUBLICATIONS

- **Precision e^+e^- beam polarimetry at an e^+e^- factory using tau-pair events** *PHYSICAL REVIEW D*
Lees, J. P., Poireau, V., Tisserand, V., Grauges, E., Palano, A., Eigen, G., Brown, D. N., Kolomensky, Y. G., Fritsch, M., Koch, H., Cheaib, R., Hearty, C., Mattison, T. S., McKenna, et al
2023; 108 (9)
- **Search for B mesogenesis at BABAR** *PHYSICAL REVIEW D*
Lees, J. P., Poireau, V., Tisserand, V., Grauges, E., Palano, A., Eigen, G., Brown, D. N., Kolomensky, Y. G., Fritsch, M., Koch, H., Cheaib, R., Hearty, C., Mattison, et al
2023; 107 (9)
- **Study of the reactions $e^+e^- \rightarrow K^+K^-, r^+r^-, r^+r^-,$ and $e^+e^- \rightarrow K^0\bar{K}^0, r^+r^-, r^-r^-$ at center-of-mass energies from threshold to 4.5 GeV using initial-state radiation** *PHYSICAL REVIEW D*
Lees, J. P., Poireau, V., Tisserand, V., Grauges, E., Palano, A., Eigen, G., Brown, D. N., Kolomensky, Y. G., Fritsch, M., Koch, H., Cheaib, R., Hearty, C., Mattison, et al
2023; 107 (7)
- **Search for heavy neutral leptons using tau lepton decays at BABAR** *PHYSICAL REVIEW D*
Lees, J. P., Poireau, V., Tisserand, V., Grauges, E., Palano, A., Eigen, G., Brown, D. N., Kolomensky, Y. G., Fritsch, M., Koch, H., Cheaib, R., Hearty, C., Mattison, et al
2023; 107 (5)
- **Effects of overlapping sources on cosmic shear estimation: Statistical sensitivity and pixel-noise bias** *JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS*
Sanchez, J., Mendoza, I., Kirkby, D. P., Burchat, P. R., LSST Dark Energy Sci Coll
2021
- **Shear Measurement Bias Due to Spatially Varying Spectral Energy Distributions in Galaxies** *ASTROPHYSICAL JOURNAL*
Kamath, S., Meyers, J. E., Burchat, P. R., LSST Dark Energy Sci Collaboration
2020; 888 (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)
- **Characterization of atmospheric turbulence for the Large Synoptic Survey Telescope**
Hebert, C., Macintosh, B., Burchat, P. R., Marshall, H. K., Spyromilio, J.
SPIE-INT SOC OPTICAL ENGINEERING.2018
- **Chromatic CCD effects on weak lensing measurements for LSST** *JOURNAL OF INSTRUMENTATION*
Meyers, J. E., Burchat, P. R.
2015; 10
- **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

- **Study of the reaction $e^+e^- \rightarrow \psi(2S)\pi^+\pi^-$ via initial-state radiation at BABAR** *PHYSICAL REVIEW D*
Lees, J. P., Poireau, V., Tisserand, V., Tico, J. G., Grauges, E., Palano, A., Eigen, G., Stugu, B., Brown, D. N., Kerth, L. T., Kolomensky, Y. G., Lynch, G., Koch, et al
2014; 89 (11)
- **Evidence for the baryonic decay $B\overline{0} \rightarrow D^0 \Lambda_b(\Lambda_b)\overline{0}$** *PHYSICAL REVIEW D*
Lees, J. P., Poireau, V., Tisserand, V., Grauges, E., Palano, A., Eigen, G., Stugu, B., Brown, D. N., Kerth, L. T., Kolomensky, Y. G., Lee, M. J., Lynch, G., Koch, et al
2014; 89 (11)
- **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
- **Impact of chromatic effects on galaxy shape measurements** *JOURNAL OF INSTRUMENTATION*
Meyers, J. E., Burchat, P. R.
2014; 9
- **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
- **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
- **The BABAR detector: Upgrades, operation and performance** *NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION A-ACCELERATORS SPECTROMETERS DETECTORS AND ASSOCIATED EQUIPMENT*
Aubert, B., Barate, R., Boutigny, D., Couderc, F., Sanchez, P. d., Gaillard, J., Hicheur, A., Karyotakis, Y., Lees, J. P., Poireau, V., Prudent, X., Robbe, P., Tisserand, et al
2013; 729: 615-701
- **Time-integrated luminosity recorded by the BABAR detector at the PEP-II e^+e^- collider** *NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION A-ACCELERATORS SPECTROMETERS DETECTORS AND ASSOCIATED EQUIPMENT*
Lees, J. P., Poireau, V., Tisserand, V., Grauges, E., Palano, A., Eigen, G., Stugu, B., Brown, D. N., Kerth, L., Kolomensky, Y. G., Lynch, G., Koch, H., Schroeder, et al
2013; 726: 203-213
- **Measurement of the $B^+ \rightarrow \omega l^+ \nu$ branching fraction with semileptonically tagged B mesons** *PHYSICAL REVIEW D*
Lees, J. P., Poireau, V., Tisserand, V., Grauges, E., Palano, A., Eigen, G., Stugu, B., Brown, D. N., Kerth, L. T., Kolomensky, Y. G., Lee, M. J., Lynch, G., Koch, et al
2013; 88 (7)
- **Search for a low-mass scalar Higgs boson decaying to a tau pair in single-photon decays of $Y(1S)$** *PHYSICAL REVIEW D*
Lees, J. P., Poireau, V., Tisserand, V., Tico, J. G., Grauges, E., Palano, A., Eigen, G., Stugu, B., Brown, D. N., Georges, A., Kerth, L. T., Kolomensky, Y. G., Lynch, et al
2013; 88 (7)
- **Measurement of the $D^{*(2010)+}$ natural linewidth and the $D^{*(2010)+}$ - D^0 mass difference** *PHYSICAL REVIEW D*
Lees, J. P., Poireau, V., Tisserand, V., Grauges, E., Palano, A., Eigen, G., Stugu, B., Brown, D. N., Kerth, L. T., Kolomensky, Y. G., Lynch, G., Koch, H., Schroeder, et al
2013; 88 (5)
- **Evidence of $B^+ \rightarrow \tau^+ \nu$ decays with hadronic B tags** *PHYSICAL REVIEW D*
Lees, J. P., Poireau, V., Tisserand, V., Garra Tico, J., Grauges, E., Palano, A., Eigen, G., Stugu, B., Brown, D. N., Kerth, L. T., Kolomensky, Y. G., Lynch, G., Koch, et al

2013; 88 (3)

- **Measurement of CP-violating asymmetries in $B^0 \rightarrow (\rho \pi)^0$ decays using a time-dependent Dalitz plot analysis** *PHYSICAL REVIEW D*
Lees, J. P., Poireau, V., Tisserand, V., Grauges, E., Palano, A., Eigen, G., Stugu, B., Brown, D. N., Kerth, L. T., Kolomensky, Y. G., Lynch, G., Koch, H., Schroeder, et al
2013; 88 (1)
- **Study of $e^+e^- \rightarrow p\bar{p}$ via initial-state radiation at BABAR** *PHYSICAL REVIEW D*
Lees, J. P., Poireau, V., Tisserand, V., Grauges, E., Palano, A., Eigen, G., Stugu, B., Brown, D. N., Kerth, L. T., Kolomensky, Y. G., Lynch, G., Koch, H., Schroeder, et al
2013; 87 (9)
- **Study of the decay $B\bar{B}^0 \rightarrow \Lambda^+(c) p\bar{p} \pi^+ \pi^-$ and its intermediate states** *PHYSICAL REVIEW D*
Lees, J. P., Poireau, V., Tisserand, V., Grauges, E., Palano, A., Eigen, G., Stugu, B., Brown, D. N., Kerth, L. T., Kolomensky, Y. G., Lynch, G., Koch, H., Schroeder, et al
2013; 87 (9)
- **Observation of direct CP violation in the measurement of the Cabibbo-Kobayashi-Maskawa angle γ with $B^{+/-} \rightarrow Dd^{(0)*} K^{*(-0)+/-}$ decays** *PHYSICAL REVIEW D*
Lees, J. P., Poireau, V., Tisserand, V., Grauges, E., Palano, A., Eigen, G., Stugu, B., Brown, D. N., Kerth, L. T., Kolomensky, Y. G., Lynch, G., Koch, H., Schroeder, et al
2013; 87 (5)
- **Search for CP violation in the decays $D^{+/-} \rightarrow (KSK^{+/-})K^0$, $D_s^{+/-} \rightarrow (KSK^{+/-})K^0$, and $D_s^{+/-} \rightarrow K^0 S(0)\pi^{+/-}$** *PHYSICAL REVIEW D*
Lees, J. P., Poireau, V., Tisserand, V., Grauges, E., Palano, A., Eigen, G., Stugu, B., Brown, D. N., Kerth, L. T., Kolomensky, Y. G., Lynch, G., Koch, H., Schroeder, et al
2013; 87 (5)
- **Search for direct CP violation in singly Cabibbo-suppressed $D^{+/-} \rightarrow K+K\pi^{+/-}$ decays** *PHYSICAL REVIEW D*
Lees, J. P., Poireau, V., Tisserand, V., Garra Tico, J., Grauges, E., Palano, A., Eigen, G., Stugu, B., Brown, D. N., Kerth, L. T., Kolomensky, Y. G., Lynch, G., Koch, et al
2013; 87 (5)
- **Measurement of CP asymmetries and branching fractions in charmless two-body B-meson decays to pions and kaons** *PHYSICAL REVIEW D*
Lees, J. P., Poireau, V., Tisserand, V., Garra Tico, J., Grauges, E., Palano, A., Eigen, G., Stugu, B., Brown, D. N., Kerth, T., Kolomensky, Y. G., Lynch, G., Koch, et al
2013; 87 (5)
- **Search for di-muon decays of a low-mass Higgs boson in radiative decays of the $\Gamma(1S)$** *PHYSICAL REVIEW D*
Lees, J. P., Poireau, V., Tisserand, V., Garra Tico, J., Grauges, E., Palano, A., Eigen, G., Stugu, B., Brown, D. N., Kerth, L. T., Kolomensky, Y. G., Lynch, G., Koch, et al
2013; 87 (3)
- **Branching fraction measurement of $B^+ \rightarrow \omega l^+ \nu$ decays** *PHYSICAL REVIEW D*
Lees, J. P., Poireau, V., Tisserand, V., Tico, J. G., Grauges, E., Palano, A., Eigen, G., Stugu, B., Brown, D. N., Kerth, L. T., Kolomensky, Y. G., Lynch, G., Koch, et al
2013; 87 (3)
- **Measurement of D^0 - $(D^0)\bar{D}^0$ mixing and CP violation in two-body D^0 decays** *PHYSICAL REVIEW D*
Lees, J. P., Poireau, V., Tisserand, V., Garra Tico, J., Grauges, E., Palano, A., Eigen, G., Stugu, B., Brown, D. N., Kerth, L. T., Kolomensky, Y. G., Lynch, G., Koch, et al
2013; 87 (1)
- **Measurement of $B(B \rightarrow Xs \gamma)$, the $B \rightarrow Xs \gamma$ photon energy spectrum, and the direct CP asymmetry in $B \rightarrow Xs+d \gamma$ decays** *PHYSICAL REVIEW D*
Lees, J. P., Poireau, V., Tisserand, V., Garra Tico, J., Grauges, E., Palano, A., Eigen, G., Stugu, B., Brown, D. N., Kerth, L. T., Kolomensky, Y. G., Lynch, G., Koch, et al
2012; 86 (11)
- **Measurement of the time-dependent CP asymmetry of partially reconstructed $B^0 \rightarrow D^*D^{*-}$ decays** *PHYSICAL REVIEW D*
Lees, J. P., Poireau, V., Tisserand, V., Garra Tico, J., Grauges, E., Palano, A., Eigen, G., Stugu, B., Brown, D. N., Kerth, L. T., Kolomensky, Y. G., Lynch, G., Koch, et al

2012; 86 (11)

- **Study of high-multiplicity three-prong and five-prong tau decays at BABAR** *PHYSICAL REVIEW D*
Lees, J. P., Poireau, V., Tisserand, V., Tico, J. G., Grauges, E., Palano, A., Eigen, G., Stugu, B., Brown, D. N., Kerth, L. T., Kolomensky, Y. G., Lynch, G., Koch, et al
2012; 86 (9)
- **Branching fraction of $\tau(-) \rightarrow \pi(-)K_s K_s^0 - K^0(\pi^0)\nu(\tau)$ decays** *PHYSICAL REVIEW D*
Lees, J. P., Poireau, V., Tisserand, V., Garra Tico, J., Grauges, E., Palano, A., Eigen, G., Stugu, B., Brown, D. N., Kerth, L. T., Kolomensky, Y. G., Lynch, G., Koch, et al
2012; 86 (9)
- **Observation of Time-Reversal Violation in the B-0 Meson System** *PHYSICAL REVIEW LETTERS*
Lees, J. P., Poireau, V., Tisserand, V., Garra Tico, J., Grauges, E., Palano, A., Eigen, G., Stugu, B., Brown, D. N., Kerth, L. T., Kolomensky, Y. G., Lynch, G., Koch, et al
2012; 109 (21)
- **Study of the baryonic B decay $B^- \rightarrow \Sigma^{++}(c) (\bar{p})\pi^-\pi^-$** *PHYSICAL REVIEW D*
Lees, J. P., Poireau, V., Tisserand, V., Tico, J. G., Grauges, E., Palano, A., Eigen, G., Stugu, B., Brown, D. N., Kerth, L. T., Kolomensky, Y. G., Lynch, G., Koch, et al
2012; 86 (9)
- **Precision Measurement of the B \rightarrow Xs gamma Photon Energy Spectrum, Branching Fraction, and Direct CP Asymmetry $ACP(B \rightarrow Xs+d \text{ gamma})$** *PHYSICAL REVIEW LETTERS*
Lees, J. P., Poireau, V., Tisserand, V., Garra Tico, J., Grauges, E., Palano, A., Eigen, G., Stugu, B., Brown, D. N., Kerth, L. T., Kolomensky, Y. G., Lynch, G., Koch, et al
2012; 109 (19)
- **Search for resonances decaying to $\eta(c)\pi^+\pi^-$ in two-photon interactions** *PHYSICAL REVIEW D*
Lees, J. P., Poireau, V., Tisserand, V., Garra Tico, J., Grauges, E., Palano, A., Eigen, G., Stugu, B., Brown, D. N., Kerth, L. T., Kolomensky, Y. G., Lynch, G., Koch, et al
2012; 86 (9)
- **Branching fraction and form-factor shape measurements of exclusive charmless semileptonic B decays, and determination of vertical bar V_{ub} vertical bar** *PHYSICAL REVIEW D*
Lees, J. P., Poireau, V., Tisserand, V., Tico, J. G., Grauges, E., Palano, A., Eigen, G., Stugu, B., Brown, D. N., Kerth, L. T., Kolomensky, Y. G., Lynch, G., Koch, et al
2012; 86 (9)
- **Study of X (3915) \rightarrow J/psi omega in two-photon collisions** *PHYSICAL REVIEW D*
Lees, J. P., Poireau, V., Tisserand, V., Tico, J. G., Grauges, E., Palano, A., Eigen, G., Stugu, B., Brown, D. N., Kerth, L. T., Kolomensky, Y. G., Lynch, G., Koch, et al
2012; 86 (7)
- **Improved limits on B-0 decays to invisible (plus gamma) final states** *PHYSICAL REVIEW D*
Lees, J. P., Poireau, V., Tisserand, V., Tico, J. G., Grauges, E., Palano, A., Eigen, G., Stugu, B., Brown, D. N., Kerth, L. T., Kolomensky, Y. G., Lynch, G., Koch, et al
2012; 86 (5)
- **Exclusive measurements of b \rightarrow s gamma transition rate and photon energy spectrum** *PHYSICAL REVIEW D*
Lees, J. P., Poireau, V., Tisserand, V., Garra Tico, J., Grauges, E., Palano, A., Eigen, G., Stugu, B., Brown, D. N., Kerth, L. T., Kolomensky, Y. G., Lynch, G., Koch, et al
2012; 86 (5)
- **Study of the reaction $e^+e^- \rightarrow J/\psi \pi^+\pi^-$ via initial-state radiation at BABAR** *PHYSICAL REVIEW D*
Lees, J. P., Poireau, V., Tisserand, V., Garra Tico, J., Grauges, E., Palano, A., Eigen, G., Stugu, B., Brown, D. N., Kerth, L. T., Kolomensky, Y. G., Lynch, G., Koch, et al
2012; 86 (5)
- **Evidence for an Excess of $(B)\bar{B} \rightarrow D^{(*)0} \tau^-(\nu)\bar{B}$ Decays** *PHYSICAL REVIEW LETTERS*
Lees, J. P., Poireau, V., Tisserand, V., Garra Tico, J., Grauges, E., Palano, A., Eigen, G., Stugu, B., Brown, D. N., Kerth, L. T., Kolomensky, Y. G., Lynch, G., Koch, et al

2012; 109 (10)

- **Precise measurement of the $e^{+}e^{-} \rightarrow \pi^{+}\pi^{-}(\gamma)$ cross section with the initial-state radiation method at BABAR** *PHYSICAL REVIEW D*
Lees, J. P., Poireau, V., Tisserand, V., Garra Tico, J., Grauges, E., Palano, A., Eigen, G., Stugu, B., Brown, D. N., Kerth, L. T., Kolomensky, Y. G., Lynch, G., Koch, et al
2012; 86 (3)
- **Measurement of branching fractions and rate asymmetries in the rare decays $B \rightarrow K^{(*)}l^{+}l^{-}$** *PHYSICAL REVIEW D*
Lees, J. P., Poireau, V., Tisserand, V., Garra Tico, J., Grauges, E., Palano, A., Eigen, G., Stugu, B., Brown, D. N., Kerth, L. T., Kolomensky, Y. G., Lynch, G., Koch, et al
2012; 86 (3)
- **Study of $(B)\overline{B} \rightarrow X(u)l(\nu)\overline{B}$ decays in $B(B)\overline{B}$ events tagged by a fully reconstructed B-meson decay and determination of vertical bar V-ub vertical bar** *PHYSICAL REVIEW D*
Lees, J. P., Poireau, V., Tisserand, V., Tico, J. G., Grauges, E., Martinelli, M., Milanes, D. A., Palano, A., Pappagallo, M., Eigen, G., Stugu, B., Brown, D. N., Kerth, et al
2012; 86 (3)
- **Search for the decay modes $D-0 \rightarrow e^{+}e^{-}$, $D-0 \rightarrow \mu^{+}\mu^{-}$, and $D-0 \rightarrow e^{+/-}\mu^{-/+}$** *PHYSICAL REVIEW D*
Lees, J. P., Poireau, V., Tisserand, V., Garra Tico, J., Grauges, E., Palano, A., Eigen, G., Stugu, B., Brown, D. N., Kerth, L. T., Kolomensky, Y. G., Lynch, G., Koch, et al
2012; 86 (3)
- **Cross sections for the reactions $e^{+}e^{-} \rightarrow K+K-\pi^{+}\pi^{-}$, $K+K-\pi^{0}\pi^{0}$, and $K+K-K+K-$ measured using initial-state radiation events** *PHYSICAL REVIEW D*
Lees, J. P., Poireau, V., Principe, E., Tisserand, V., Garra Tico, J., Grauges, E., Martinelli, M., Milanes, D. A., Palano, A., Pappagallo, M., Eigen, G., Stugu, B., Sun, et al
2012; 86 (1)
- **Study of CP violation in Dalitz-plot analyses of $B-0 \rightarrow K^{+}(K-Ks0)$, $B^{+} \rightarrow K^{+}K-K^{+}$, and $B^{+} \rightarrow (KsKsK^{+})-K-0-K-0$** *PHYSICAL REVIEW D*
Lees, J. P., Poireau, V., Tisserand, V., Garra Tico, J., Grauges, E., Milanes, D. A., Palano, A., Pappagallo, M., Eigen, G., Stugu, B., Brown, D. N., Kerth, L. T., Kolomensky, et al
2012; 85 (11)
- **Observation and study of the baryonic B-meson decays $B \rightarrow D^{*} p(\overline{p})\pi(\overline{\pi})$** *PHYSICAL REVIEW D*
Sanchez, P. d., Lees, J. P., Poireau, V., Principe, E., Tisserand, V., Tico, J. G., Grauges, E., Martinelli, M., Palano, A., Pappagallo, M., Eigen, G., Stugu, B., Sun, et al
2012; 85 (9)
- **Search for Low-Mass Dark-Sector Higgs Bosons** *PHYSICAL REVIEW LETTERS*
Lees, J. P., Poireau, V., Tisserand, V., Garra Tico, J., Grauges, E., Milanes, D. A., Palano, A., Pappagallo, M., Eigen, G., Stugu, B., Brown, D. N., Kerth, L. T., Kolomensky, et al
2012; 108 (21)
- **Search for the decay $D-0 \rightarrow \gamma\gamma$ and measurement of the branching fraction for $D-0 \rightarrow \pi^{0}\pi^{0}$** *PHYSICAL REVIEW D*
Lees, J. P., Poireau, V., Principe, E., Tisserand, V., Garra Tico, J., Grauges, E., Martinelli, M., Milanes, D. A., Palano, A., Pappagallo, M., Eigen, G., Stugu, B., Sun, et al
2012; 85 (9)
- **B-0 meson decays to $\rho K-0^{*}(0)$, $f(0)K^{*}(0)$, and $\rho K^{*}(+)$, including higher K^{*} resonances** *PHYSICAL REVIEW D*
Lees, J. P., Poireau, V., Tisserand, V., Garra Tico, J., Grauges, E., Martinelli, M., Milanes, D. A., Palano, A., Pappagallo, M., Eigen, G., Stugu, B., Sun, L., Brown, et al
2012; 85 (7)
- **Search for lepton-number violating processes in $B^{+} \rightarrow h^{(-)}l^{+}l^{+}$ decays** *PHYSICAL REVIEW D*
Lees, J. P., Poireau, V., Tisserand, V., Garra Tico, J., Grauges, E., Palano, A., Eigen, G., Stugu, B., Brown, D. N., Kerth, L. T., Kolomensky, Y. G., Lynch, G., Koch, et al
2012; 85 (7)
- **Amplitude analysis and measurement of the time-dependent CP asymmetry of $B-0 \rightarrow (KSKSKS0)-K-0-K-0$ decays** *PHYSICAL REVIEW D*
Lees, J. P., Poireau, V., Tisserand, V., Garra Tico, J., Grauges, E., Martinelli, M., Milanes, D. A., Palano, A., Pappagallo, M., Eigen, G., Stugu, B., Brown, D. N., Kerth, et al

2012; 85 (5)

- **Search for the $Z(1)(4050)(+)$ and $Z(2)(4250)(+)$ states in $(B)\overline{\text{bar}}(0) \rightarrow \chi_{K-c1}(-)\pi(+)$ and $B^+ \rightarrow \chi_{K-c1}(S)0 \pi(+)$ *PHYSICAL REVIEW D*
Lees, J. P., Poireau, V., Tisserand, V., Garra Tico, J., Grauges, E., Martinelli, M., Milanes, D. A., Palano, A., Pappagallo, M., Eigen, G., Stugu, B., Brown, D. N., Kerth, et al
2012; 85 (5)**
- **Search for CP violation in the decay $\tau(-) \rightarrow \pi K^{--}(s)0 (\geq 0 \pi(0))\nu(\tau)$ *PHYSICAL REVIEW D*
Lees, J. P., Poireau, V., Tisserand, V., Tico, J. G., Grauges, E., Martinelli, M., Milanes, D. A., Palano, A., Pappagallo, M., Eigen, G., Stugu, B., Brown, D. N., Kerth, et al
2012; 85 (3)**
- **Search for $(B)\overline{\text{bar}} \rightarrow \Lambda(b)c + Xl(-)$ (nu)over-bar decays in events with a fully reconstructed B meson *PHYSICAL REVIEW D*
Lees, J. P., Poireau, V., Tisserand, V., Tico, J. G., Grauges, E., Martinelli, M., Milanes, D. A., Palano, A., Pappagallo, M., Eigen, G., Stugu, B., Sun, L., Brown, et al
2012; 85 (1)**
- **Measurement of the semileptonic branching fraction of the B-s meson *PHYSICAL REVIEW D*
Lees, J. P., Poireau, V., Tisserand, V., Tico, J. G., Grauges, E., Martinelli, M., Milanes, D. A., Palano, A., Pappagallo, M., Eigen, G., Stugu, B., Brown, D. N., Kerth, et al
2012; 85 (1)**
- **Branching fraction measurements of the color-suppressed decays $(B)\overline{\text{bar}}(0)$ to $D^{(*)}0 \pi(0)$, $D^{(*)}0 \eta$, $D^{(*)}0 \omega$, and $D^{(*)}0 \eta'$ and measurement of the polarization in the decay $(B)\overline{\text{bar}}(0) \rightarrow D^{(*)}0 \omega$ *PHYSICAL REVIEW D*
Lees, J. P., Poireau, V., Tisserand, V., Garra Tico, J., Grauges, E., Martinelli, M., Milanes, D. A., Palano, A., Pappagallo, M., Eigen, G., Stugu, B., Brown, D. N., Kerth, et al
2011; 84 (11)**
- **Observation of the rare decay $B^+ \rightarrow K^+ \pi(0)\pi(0)$ and measurement of the quasi-two-body contributions $B^+ \rightarrow K^* (892)(+) \pi(0)$, $B^+ \rightarrow f(0)(980)K^+$, and $B^+ \rightarrow \chi_{K-c0}(+)$ *PHYSICAL REVIEW D*
Lees, J. P., Poireau, V., Tisserand, V., Garra Tico, J., Grauges, E., Martinelli, M., Milanes, D. A., Palano, A., Pappagallo, M., Eigen, G., Stugu, B., Brown, D. N., Kerth, et al
2011; 84 (9)**
- **Search for Hadronic Decays of a Light Higgs Boson in the Radiative Decay $\Gamma \rightarrow \gamma A(0)$ *PHYSICAL REVIEW LETTERS*
Lees, J. P., Poireau, V., Tisserand, V., Garra Tico, J., Grauges, E., Martinelli, M., Milanes, D. A., Palano, A., Pappagallo, M., Eigen, G., Stugu, B., Brown, D. N., Kerth, et al
2011; 107 (22)**
- **Study of $Y(3S, 2S) \rightarrow \eta Y(1S)$ and $Y(3S, 2S) \rightarrow \pi(+) \pi(-) Y(1S)$ hadronic transitions *PHYSICAL REVIEW D*
Lees, J. P., Poireau, V., Tisserand, V., Garra Tico, J., Grauges, E., Martinelli, M., Milanes, D. A., Palano, A., Pappagallo, M., Eigen, G., Stugu, B., Brown, D. N., Kerth, et al
2011; 84 (9)**
- **Evidence for the $h(b)(1P)$ meson in the decay $Y(3S) \rightarrow \pi(0)h(b)(1P)$ *PHYSICAL REVIEW D*
Lees, J. P., Poireau, V., Prencipe, E., Tisserand, V., Garra Tico, J., Grauges, E., Martinelli, M., Milanes, D. A., Palano, A., Pappagallo, M., Eigen, G., Stugu, B., Sun, et al
2011; 84 (9)**
- **Searches for rare or forbidden semileptonic charm decays *PHYSICAL REVIEW D*
Lees, J. P., Poireau, V., Tisserand, V., Tico, J. G., Grauges, E., Martinelli, M., Milanes, D. A., Palano, A., Pappagallo, M., Eigen, G., Stugu, B., Sun, L., Brown, et al
2011; 84 (7)**
- **Observation of the baryonic B decay $(B)\overline{\text{bar}}(0) \rightarrow \Lambda(b)(+)c(\Lambda(b))\overline{\text{bar}}K(-)$ *PHYSICAL REVIEW D*
Lees, J. P., Poireau, V., Tisserand, V., Tico, J. G., Grauges, E., Martinelli, M., Milanes, D. A., Palano, A., Pappagallo, M., Eigen, G., Stugu, B., Sun, L., Brown, et al
2011; 84 (7)**
- **Study of radiative bottomonium transitions using converted photons *PHYSICAL REVIEW D*
Lees, J. P., Poireau, V., Prencipe, E., Tisserand, V., Tico, J. G., Grauges, E., Martinelli, M., Milanes, D. A., Palano, A., Pappagallo, M., Eigen, G., Stugu, B., Sun, et al**

2011; 84 (7)

- **Measurement of the $\gamma\gamma^* \rightarrow \eta$ and $\gamma\gamma^* \rightarrow \eta'$ transition form factors** *PHYSICAL REVIEW D*
Sanchez, P. d., Lees, J. P., Poireau, V., Prencipe, E., Tisserand, V., Garra Tico, J., Grauges, E., Martinelli, M., Milanes, D. A., Palano, A., Pappagallo, M., Eigen, G., Stugu, et al
2011; 84 (5)
- **Search for CP violation using T-odd correlations in $D^+ \rightarrow (K+KS^0)\pi^+\pi^-$ and $D^+ \rightarrow (K+KS^0)\pi^+\pi^-$ decays** *PHYSICAL REVIEW D*
Lees, J. P., Poireau, V., Tisserand, V., Garra Tico, J., Grauges, E., Martinelli, M., Milanes, D. A., Palano, A., Pappagallo, M., Eigen, G., Stugu, B., Sun, L., Brown, et al
2011; 84 (3)
- **Study of dipion bottomonium transitions and search for the $h(b)(1P)$ state** *PHYSICAL REVIEW D*
Lees, J. P., Poireau, V., Tisserand, V., Garra Tico, J., Grauges, E., Martinelli, M., Milanes, D. A., Palano, A., Pappagallo, M., Eigen, G., Stugu, B., Sun, L., Brown, et al
2011; 84 (1)
- **Observation of the Decay $B^- \rightarrow D^-(\pi^+\pi^0)K^-(\pi^+\pi^0)$** *PHYSICAL REVIEW LETTERS*
Sanchez, P. d., Lees, J. P., Poireau, V., Prencipe, E., Tisserand, V., Garra Tico, J., Grauges, E., Martinelli, M., Palano, A., Pappagallo, M., Eigen, G., Stugu, B., Sun, et al
2011; 107 (4)
- **Observation of $\eta(c)$ (1S) and $\eta(c)$ (2S) decays to $K^+K^- \pi^+ \pi^- \pi^0$ in two-photon interactions** *PHYSICAL REVIEW D*
Sanchez, P. d., Lees, J. P., Poireau, V., Prencipe, E., Tisserand, V., Garra Tico, J., Grauges, E., Martinelli, M., Palano, A., Pappagallo, M., Eigen, G., Stugu, B., Sun, et al
2011; 84 (1)
- **Search for $b \rightarrow u$ transitions in $B^{\pm} \rightarrow [K^{\mp} \pi^{\pm} \pi^0](D)K^{\pm}$ decays** *PHYSICAL REVIEW D*
Lees, J. P., Poireau, V., Tisserand, V., Garra Tico, J., Grauges, E., Martinelli, M., Milanes, D. A., Palano, A., Pappagallo, M., Eigen, G., Stugu, B., Sun, L., Brown, et al
2011; 84 (1)
- **Search for Production of Invisible Final States in Single-Photon Decays of Gamma(1S)** *PHYSICAL REVIEW LETTERS*
Sanchez, P. d., Lees, J. P., Poireau, V., Prencipe, E., Tisserand, V., Garra Tico, J., Grauges, E., Martinelli, M., Milanes, D. A., Palano, A., Pappagallo, M., Eigen, G., Stugu, et al
2011; 107 (2)
- **Measurements of branching fractions and CP asymmetries and studies of angular distributions for $B \rightarrow \phi \phi K$ decays** *PHYSICAL REVIEW D*
Lees, J. P., Poireau, V., Prencipe, E., Tisserand, V., Garra Tico, J., Grauges, E., Martinelli, M., Milanes, D. A., Palano, A., Pappagallo, M., Eigen, G., Stugu, B., Sun, et al
2011; 84 (1)
- **Amplitude analysis of $B^0 \rightarrow K^+ \pi^- \pi^0$ and evidence of direct CP violation in $B \rightarrow K^* \pi$ decays** *PHYSICAL REVIEW D*
Lees, J. P., Poireau, V., Prencipe, E., Tisserand, V., Garra Tico, J., Grauges, E., Martinelli, M., Milanes, D. A., Palano, A., Pappagallo, M., Eigen, G., Stugu, B., Sun, et al
2011; 83 (11)
- **Searches for the baryon- and lepton-number violating decays $B^0 \rightarrow \Lambda^+(c)\pi^-$, $B^- \rightarrow \Lambda^0 \pi^-$, and $B^- \rightarrow (\Lambda^0)\pi^-$** *PHYSICAL REVIEW D*
Sanchez, P. d., Lees, J. P., Poireau, V., Prencipe, E., Tisserand, V., Garra Tico, J., Grauges, E., Martinelli, M., Milanes, D. A., Palano, A., Pappagallo, M., Eigen, G., Stugu, et al
2011; 83 (9)
- **Search for CP violation in the decay $D^{\pm} \rightarrow K^0 \pi^{\pm}$** *PHYSICAL REVIEW D*
Sanchez, P. d., Lees, J. P., Poireau, V., Prencipe, E., Tisserand, V., Garra Tico, J., Grauges, E., Martinelli, M., Milanes, D. A., Palano, A., Pappagallo, M., Eigen, G., Stugu, et al
2011; 83 (7)
- **Measurement of the mass and width of the $D^*(2536)^+$ meson** *PHYSICAL REVIEW D*
Lees, J. P., Poireau, V., Prencipe, E., Tisserand, V., Garra Tico, J., Grauges, E., Martinelli, M., Milanes, D. A., Palano, A., Pappagallo, M., Eigen, G., Stugu, B., Sun, et al
2011; 83 (7)

- **Analysis of the $D^+ \rightarrow K^- \pi^+ e^+ \nu(e)$ decay channel** *PHYSICAL REVIEW D*
Sanchez, P. d., Lees, J. P., Poireau, V., Prencipe, E., Tisserand, V., Tico, J. G., Grauges, E., Martinelli, M., Milanes, D. A., Palano, A., Pappagallo, M., Eigen, G., Stugu, et al
2011; 83 (7)
- **Measurement of the $B^0 \rightarrow \pi^+ l^- \nu$ and $B^+ \rightarrow \eta^+ l^+ \nu$ branching fractions, the $B^0 \rightarrow \pi^+ l^- \nu$ and $B^+ \rightarrow \eta^+ l^+ \nu$ form-factor shapes, and determination of vertical bar V_{ub} vertical bar** *PHYSICAL REVIEW D*
Sanchez, P. d., Lees, J. P., Poireau, V., Prencipe, E., Tisserand, V., Garra Tico, J., Grauges, E., Martinelli, M., Milanes, D. A., Palano, A., Pappagallo, M., Eigen, G., Stugu, et al
2011; 83 (5)
- **Measurements of branching fractions, polarizations, and direct CP-violation asymmetries in $B^+ \rightarrow \rho^0 K^{*+}$ and $B^+ \rightarrow f(0)(980)K^{*+}$ decays** *PHYSICAL REVIEW D*
Sanchez, P. d., Lees, J. P., Poireau, V., Prencipe, E., Tisserand, V., Garra Tico, J., Grauges, E., Martinelli, M., Milanes, D. A., Palano, A., Pappagallo, M., Eigen, G., Stugu, et al
2011; 83 (5)
- **Dalitz plot analysis of $D^+ \rightarrow K^+ K^- \pi^+$** *PHYSICAL REVIEW D*
del Amo Sanchez, P., Lees, J. P., Poireau, V., Prencipe, E., Tisserand, V., Garra Tico, J., Grauges, E., Martinelli, M., Milanes, D. A., Palano, A., Pappagallo, M., Eigen, G., Stugu, et al
2011; 83 (5)
- **Measurement of partial branching fractions of inclusive charmless B meson decays to K^+ , K^0 , and π^+** *PHYSICAL REVIEW D*
Sanchez, P. d., Lees, J. P., Poireau, V., Prencipe, E., Tisserand, V., Tico, J. G., Grauges, E., Martinelli, M., Milanes, D. A., Palano, A., Pappagallo, M., Eigen, G., Stugu, et al
2011; 83 (3)
- **Search for the decay $B^0 \rightarrow \gamma \gamma$** *PHYSICAL REVIEW D*
Sanchez, P. d., Lees, J. P., Poireau, V., Prencipe, E., Tisserand, V., Tico, J. G., Grauges, E., Martinelli, M., Palano, A., Pappagallo, M., Eigen, G., Stugu, B., Sun, et al
2011; 83 (4)
- **Study of $B \rightarrow \pi l \nu$ and $B \rightarrow \rho l \nu$ decays and determination of vertical bar V_{ub} vertical bar** *PHYSICAL REVIEW D*
Sanchez, P. d., Lees, J. P., Poireau, V., Prencipe, E., Tisserand, V., Garra Tico, J., Grauges, E., Martinelli, M., Palano, A., Pappagallo, M., Eigen, G., Stugu, B., Sun, et al
2011; 83 (3)
- **Measurement of the $B \rightarrow (D^0) \overline{D}^{*0} K$ branching fractions** *PHYSICAL REVIEW D*
Sanchez, P. d., Lees, J. P., Poireau, V., Prencipe, E., Tisserand, V., Garra Tico, J., Grauges, E., Martinelli, M., Palano, A., Pappagallo, M., Eigen, G., Stugu, B., Sun, et al
2011; 83 (3)
- **Studies of $\tau^- \rightarrow \eta K^- \nu(\tau)$ and $\tau^- \rightarrow \eta \pi^- \nu(\tau)$ at BABAR and a search for a second-class current** *PHYSICAL REVIEW D*
Sanchez, P. d., Lees, J. P., Poireau, V., Prencipe, E., Tisserand, V., Tico, J. G., Grauges, E., Martinelli, M., Palano, A., Pappagallo, M., Eigen, G., Stugu, B., Sun, et al
2011; 83 (3)
- **Observation of the $Y(13D(J))$ bottomonium state through decays to $\pi^+ \pi^- Y(1S)$** *PHYSICAL REVIEW D*
Sanchez, P. d., Lees, J. P., Poireau, V., Prencipe, E., Tisserand, V., Tico, J. G., Grauges, E., Martinelli, M., Palano, A., Pappagallo, M., Eigen, G., Stugu, B., Sun, et al
2010; 82 (11)
- **Search for the rare decay $B \rightarrow K^* \nu \overline{\nu}$** *PHYSICAL REVIEW D*
Sanchez, P. d., Lees, J. P., Poireau, V., Prencipe, E., Tisserand, V., Tico, J. G., Grauges, E., Martinelli, M., Palano, A., Pappagallo, M., Eigen, G., Stugu, B., Sun, et al
2010; 82 (11)
- **Observation of new resonances decaying to $D \pi$ and $D^* \pi$ in inclusive $e^+ e^-$ collisions near $\sqrt{s} = 10.58$ GeV** *PHYSICAL REVIEW D*
Sanchez, P. d., Lees, J. P., Poireau, V., Prencipe, E., Tisserand, V., Tico, J. G., Grauges, E., Martinelli, M., Palano, A., Pappagallo, M., Eigen, G., Stugu, B., Sun, et al
2010; 82 (11)

- **Search for $B^+ \rightarrow (D+K^0)$ and $B^+ \rightarrow (D+K^0)$ decays** *PHYSICAL REVIEW D*
Sanchez, P. d., Lees, J. P., Poireau, V., Prencipe, E., Tisserand, V., Garra Tico, J., Grauges, E., Martinelli, M., Palano, A., Pappagallo, M., Eigen, G., Stugu, B., Sun, et al
2010; 82 (9)
- **Measurement of the absolute branching fractions for $D^0 \rightarrow l^+ l^- (\nu_l \bar{\nu}_l)$ and extraction of the decay constant $f(D^0)$** *PHYSICAL REVIEW D*
Sanchez, P. d., Lees, J. P., Poireau, V., Prencipe, E., Tisserand, V., Tico, J. G., Grauges, E., Martinelli, M., Palano, A., Pappagallo, M., Eigen, G., Stugu, B., Sun, et al
2010; 82 (9)
- **Search for B^+ meson decay to $a(1^+)(1260)K^0(892)$** *PHYSICAL REVIEW D*
Sanchez, P. d., Lees, J. P., Poireau, V., Prencipe, E., Tisserand, V., Garra Tico, J., Grauges, E., Martinelli, M., Palano, A., Pappagallo, M., Eigen, G., Stugu, B., Sun, et al
2010; 82 (9)
- **Search for $f(J(2220))$ in Radiative J/ψ Decays** *PHYSICAL REVIEW LETTERS*
Sanchez, P. d., Lees, J. P., Poireau, V., Prencipe, E., Tisserand, V., Tico, J. G., Grauges, E., Martinelli, M., Palano, A., Pappagallo, M., Eigen, G., Stugu, B., Sun, et al
2010; 105 (17)
- **Search for $b \rightarrow u$ transitions in $B^0 \rightarrow DK^-$ and $B^0 \rightarrow D^* K^-$ decays** *PHYSICAL REVIEW D*
Sanchez, P. d., Lees, J. P., Poireau, V., Prencipe, E., Tisserand, V., Tico, J. G., Grauges, E., Martinelli, M., Palano, A., Pappagallo, M., Eigen, G., Stugu, B., Sun, et al
2010; 82 (7)
- **Measurement of CP observables in $B^0 \rightarrow DCPK^{\pm}$ decays and constraints on the CKM angle γ** *PHYSICAL REVIEW D*
Sanchez, P. d., Lees, J. P., Poireau, V., Prencipe, E., Tisserand, V., Tico, J. G., Grauges, E., Martinelli, M., Palano, A., Pappagallo, M., Eigen, G., Stugu, B., Sun, et al
2010; 82 (7)
- **Exclusive production of $D_s^+ D_s^-$, $D_s^+ D^- (s^-)$, and $D_s^+ D^- (s^-)$ via $e^+ e^-$ annihilation with initial-state radiation** *PHYSICAL REVIEW D*
Sanchez, P. d., Lees, J. P., Poireau, V., Prencipe, E., Tisserand, V., Tico, J. G., Grauges, E., Martinelli, M., Palano, A., Pappagallo, M., Eigen, G., Stugu, B., Sun, et al
2010; 82 (5)
- **Evidence for Direct CP Violation in the Measurement of the Cabbibo-Kobayashi-Maskawa Angle γ with $B^0 \rightarrow D^0 K^0$ Decays** *PHYSICAL REVIEW LETTERS*
Sanchez, P. d., Lees, J. P., Poireau, V., Prencipe, E., Tisserand, V., Tico, J. G., Grauges, E., Martinelli, M., Palano, A., Pappagallo, M., Eigen, G., Stugu, B., Sun, et al
2010; 105 (12)
- **Study of $B^0 \rightarrow X \gamma$ decays and determination of vertical V_{td}/V_{ts} vertical bar** *PHYSICAL REVIEW D*
Sanchez, P. d., Lees, J. P., Poireau, V., Prencipe, E., Tisserand, V., Tico, J. G., Grauges, E., Martinelli, M., Palano, A., Pappagallo, M., Eigen, G., Stugu, B., Sun, et al
2010; 82 (5)
- **Measurement of $D^0 \rightarrow (D^0) \text{ Mixing Parameters Using } D^0 \rightarrow K^0 S^0 \pi^+ \pi^-$ and $D^0 \rightarrow (K^0 S^0) K^0$ Decays** *PHYSICAL REVIEW LETTERS*
Sanchez, P. d., Lees, J. P., Poireau, V., Prencipe, E., Tisserand, V., Garra Tico, J., Grauges, E., Martinelli, M., Palano, A., Pappagallo, M., Eigen, G., Stugu, B., Sun, et al
2010; 105 (8)
- **Observation of the rare decay $B^0 \rightarrow K^0 S^0 K^+ \pi^-$** *PHYSICAL REVIEW D*
Sanchez, P. d., Lees, J. P., Poireau, V., Prencipe, E., Tisserand, V., Garra Tico, J., Grauges, E., Martinelli, M., Palano, A., Pappagallo, M., Eigen, G., Stugu, B., Sun, et al
2010; 82 (3)
- **B -meson decays to η' , $\rho(0)$, and $\eta' K^0$** *PHYSICAL REVIEW D*
Sanchez, P. d., Lees, J. P., Poireau, V., Prencipe, E., Tisserand, V., Garra Tico, J., Grauges, E., Martinelli, M., Palano, A., Pappagallo, M., Eigen, G., Stugu, B., Sun, et al
2010; 82 (1)

- **Measurements of Charged Current Lepton Universality and vertical bar V-us vertical bar Using Tau Lepton Decays to e⁽⁻⁾(nu)over-bar(e)nu(tau), mu⁽⁻⁾(nu)over-bar(mu)nu(tau), pi⁽⁻⁾nu(tau), and K-nu(tau)** *PHYSICAL REVIEW LETTERS*
Aubert, B., Karyotakis, Y., Lees, J. P., Poireau, V., Prencipe, E., Prudent, X., Tisserand, V., Garra Tico, J., Grauges, E., Martinelli, M., Palano, A., Pappagallo, M., Eigen, et al
2010; 105 (5)
- **Evidence for the decay X(3872) -> J/psi omega** *PHYSICAL REVIEW D*
del Amo Sanchez, P., Lees, J. P., Poireau, V., Prencipe, E., Tisserand, V., Tico, J. G., Grauges, E., Martinelli, M., Palano, A., Pappagallo, M., Eigen, G., Stugu, B., Sun, et al
2010; 82 (1)
- **Search for CP violation using T-odd correlations in D-0 -> K+K-pi(+pi-) decays** *PHYSICAL REVIEW D*
Sanchez, P. d., Lees, J. P., Poireau, V., Prencipe, E., Tisserand, V., Garra Tico, J., Grauges, E., Martinelli, M., Palano, A., Pappagallo, M., Eigen, G., Stugu, B., Sun, et al
2010; 81 (11)
- **Limits on tau lepton-flavor violating decays into three charged leptons** *PHYSICAL REVIEW D*
Lees, J. P., Poireau, V., Prencipe, E., Tisserand, V., Garra Tico, J., Grauges, E., Martinelli, M., Palano, A., Pappagallo, M., Eigen, G., Stugu, B., Sun, L., Battaglia, et al
2010; 81 (11)
- **Test of Lepton Universality in Y(1S) Decays at BABAR** *PHYSICAL REVIEW LETTERS*
Sanchez, P. d., Lees, J. P., Poireau, V., Prencipe, E., Tisserand, V., Tico, J. G., Grauges, E., Martinelli, M., Palano, A., Pappagallo, M., Eigen, G., Stugu, B., Sun, et al
2010; 104 (19)
- **Measurement of the gamma gamma* -> eta c transition form factor** *PHYSICAL REVIEW D*
Lees, J. P., Poireau, V., Prencipe, E., Tisserand, V., Garra Tico, J., Grauges, E., Martinelli, M., Palano, A., Pappagallo, M., Eigen, G., Stugu, B., Sun, L., Battaglia, et al
2010; 81 (5)
- **Measurement of branching fractions of B decays to K-1(1270)pi and K-1(1400)pi and determination of the CKM angle alpha from B-0 -> a(1)(1260) (+/-)pi(-/+)** *PHYSICAL REVIEW D*
Aubert, B., Karyotakis, Y., Lees, J. P., Poireau, V., Prencipe, E., Prudent, X., Tisserand, V., Garra Tico, J., Grauges, E., Martinelli, M., Palano, A., Pappagallo, M., Eigen, et al
2010; 81 (5)
- **Search for Invisible Decays of the Upsilon(1S)** *PHYSICAL REVIEW LETTERS*
Aubert, B., Karyotakis, Y., Lees, J. P., Poireau, V., Prencipe, E., Prudent, X., Tisserand, V., Garra Tico, J., Grauges, E., Martinelli, M., Palano, A., Pappagallo, M., Eigen, et al
2009; 103 (25)
- **Study of D-sJ decays to (DK)-K* in inclusive e(+e-) interactions** *PHYSICAL REVIEW D*
Aubert, B., Karyotakis, Y., Lees, J. P., Poireau, V., Prencipe, E., Prudent, X., Tisserand, V., Tico, J. G., Grauges, E., Martinelli, M., Palano, A., Pappagallo, M., Eigen, et al
2009; 80 (9)
- **Search for a Low-Mass Higgs Boson in Upsilon(3S) -> gamma A(0), A(0) -> tau(+) tau(-) at BABAR** *PHYSICAL REVIEW LETTERS*
Aubert, B., Karyotakis, Y., Lees, J. P., Poireau, V., Prencipe, E., Prudent, X., Tisserand, V., Garra Tico, J., Grauges, E., Martinelli, M., Palano, A., Pappagallo, M., Eigen, et al
2009; 103 (18)
- **Measurement of D-0-(D)over-bar(0) mixing using the ratio of lifetimes for the decays D-0 -> K-pi(+) and K+K-** *PHYSICAL REVIEW D*
Aubert, B., Karyotakis, Y., Lees, J. P., Poireau, V., Prencipe, E., Prudent, X., Tisserand, V., Garra Tico, J., Grauges, E., Martinelli, M., Palano, A., Pappagallo, M., Eigen, et al
2009; 80 (7)
- **Measurement of Semileptonic B Decays into Orbitally Excited Charmed Mesons** *PHYSICAL REVIEW LETTERS*
Aubert, B., Bona, M., Karyotakis, Y., Lees, J. P., Poireau, V., Prencipe, E., Prudent, X., Tisserand, V., Tico, J. G., Grauges, E., Lopez, L., Palano, A., Pappagallo, et al
2009; 103 (5)

- **Measurement of the CP Asymmetry in $b \rightarrow s \gamma$ Using a Sum of Exclusive Final States** *PHYSICAL REVIEW LETTERS*
Aubert, B., Bona, M., Karyotakis, Y., Lees, J. P., Poireau, V., Prudent, X., Tisserand, V., Zghiche, A., Tico, J. G., Grauges, E., Lopez, L., Palano, A., Pappagallo, et al
2008; 101 (17)
- **Search for CP violation in neutral D meson Cabibbo-suppressed three-body decays** *PHYSICAL REVIEW D*
Aubert, B., Bona, M., Karyotakis, Y., Lees, J. P., Poireau, V., Prudent, X., Tisserand, V., Zghiche, A., Garra Tico, J., Grauges, E., Lopez, L., Palano, A., Pappagallo, et al
2008; 78 (5)
- **Search for CPT and lorentz violation in B^0 -(B^0) oscillations with dilepton events** *PHYSICAL REVIEW LETTERS*
Aubert, B., Bona, M., Boutigny, D., Karyotakis, Y., Lees, J. P., Poireau, V., Prudent, X., Tisserand, V., Zghiche, A., Tico, J. G., Grauges, E., Lopez, L., Palano, et al
2008; 100 (13)
- **Managing Bias Leakage Currents and High Data Rates in the BABAR Silicon Vertex Tracker** *10th International Conference on Advanced Technology and Particle Physics*
Garra-Tico, J., Re, V., Bondioli, M., Bruinsma, M., Curry, S., Kirkby, D., Burke, S., Callahan, D., Campagnari, C., Cunha, A., Hale, D., Kyre, S., Richman, et al
WORLD SCIENTIFIC PUBL CO PTE LTD.2008: 1024–1028
- **Radiation monitoring with CVD diamonds and PIN diodes at BaBar** *6th International Conference on Radiation Effects on Semiconductor Materials, Detectors, and Devices*
Bruinsma, M., Burchat, P., Curry, S., Edwards, A. J., Kagan, H., Kass, R., Kirkby, D., MAJEWSKI, S., Petersen, B. A.
ELSEVIER SCIENCE BV.2007: 162–64
- **Measurement of the time-dependent CP asymmetry in $B^0 \rightarrow D(CP)((*)h^0)$ decays** *PHYSICAL REVIEW LETTERS*
Aubert, B., Bona, M., Boutigny, D., Karyotakis, Y., Lees, J. P., Poireau, V., Prudent, X., Tisserand, V., Zghiche, A., Tico, J. G., Grauges, E., Lopez, L., Palano, et al
2007; 99 (8)
- **Measurement of CP-Violating asymmetries in $B^0 \rightarrow (DD \text{ } ^{\pm})\text{-}D^0(\text{ } ^{\pm})\text{-}$** *PHYSICAL REVIEW LETTERS*
Aubert, B., Bona, M., Boutigny, D., Karyotakis, Y., Lees, J. P., Poireau, V., Prudent, X., Tisserand, V., Zghiche, A., Tico, J. G., Grauges, E., Lopez, L., Palano, et al
2007; 99 (7)
- **Production and decay of $\Omega(0)c$** *PHYSICAL REVIEW LETTERS*
Aubert, B., Bona, M., Boutigny, D., Karyotakis, Y., Lees, J. P., Poireau, V., Prudent, X., Tisserand, V., Zghiche, A., Garra Tico, J., Grauges, E., Lopez, L., Palano, et al
2007; 99 (6)
- **Search for the rare decay $B \rightarrow \pi l^+ l^-$** *PHYSICAL REVIEW LETTERS*
Aubert, B., Bona, M., Boutigny, D., Karyotakis, Y., Lees, J. P., Poireau, V., Prudent, X., Tisserand, V., Zghiche, A., Tico, J. G., Grauges, E., Lopez, L., Palano, et al
2007; 99 (5)
- **Branching fraction and CP-violation charge asymmetry measurements for B-meson decays to η K^{\pm} , η π^{\pm} , η K^0 , η π^0 , ω K^0 , and ω π^0** *PHYSICAL REVIEW D*
Aubert, B., Bona, M., Boutigny, D., Karyotakis, Y., Lees, J. P., Poireau, V., Prudent, X., Tisserand, V., Zghiche, A., Tico, J. G., Grauges, E., Lopez, L., Palano, et al
2007; 76 (3)
- **Measurement of decay amplitudes of $B \rightarrow J/\psi K^*$, $\psi(2S)K^*$, and χK^* with an angular analysis** *PHYSICAL REVIEW D*
Aubert, B., Bona, M., Boutigny, D., Karyotakis, Y., Lees, J. P., Poireau, V., Prudent, X., Tisserand, V., Zghiche, A., Tico, J. G., Grauges, E., Lopez, L., Palano, et al
2007; 76 (3)
- **Evidence for D^0 -(D^0) mixing** *PHYSICAL REVIEW LETTERS*
Aubert, B., Bona, M., Boutigny, D., Karyotakis, Y., Lees, J. P., Poireau, V., Prudent, X., Tisserand, V., Zghiche, A., Tico, J. G., Grauges, E., Lopez, L., Palano, et al
2007; 98 (21)

- **Measurement of branching fractions and mass spectra of $B \rightarrow K \pi \pi \gamma$** *PHYSICAL REVIEW LETTERS*
Aubert, B., Barate, R., Boutigny, D., Couderc, F., Karyotakis, Y., Lees, J. P., Poireau, V., Tisserand, V., Zghiche, A., Grauges, E., Palano, A., Pappagallo, M., Pompili, et al
2007; 98 (21)
- **Evidence of a broad structure at an invariant mass of 4.32 GeV/c(2) in the reaction $e^+e^- \rightarrow \pi^+\pi^-\psi(2S)$ measured at BABAR** *PHYSICAL REVIEW LETTERS*
Aubert, B., Barate, R., Bona, M., Boutigny, D., Couderc, F., Karyotakis, Y., Lees, J. P., Poireau, V., Tisserand, V., Zghiche, A., Grauges, E., Palano, A., Chen, et al
2007; 98 (21)
- **Measurements of CP-violating asymmetries in $B-0 \rightarrow a(1)^{+/-}(1260)\pi^{+/-}$ decays** *PHYSICAL REVIEW LETTERS*
Aubert, B., Bona, M., Boutigny, D., Karyotakis, Y., Lees, J. P., Poireau, V., Prudent, X., Tisserand, V., Zghiche, A., Grauges, E., Palano, A., Chen, J. C., Qi, et al
2007; 98 (18)
- **Measurement of the $B^{+/-} \rightarrow \rho^{+/-} \pi(0)$ branching fraction and direct CP asymmetry** *PHYSICAL REVIEW D*
Aubert, B., Bona, M., Boutigny, D., Couderc, F., Karyotakis, Y., Lees, J. P., Poireau, V., Tisserand, V., Zghiche, A., Grauges, E., Palano, A., Chen, J. C., Qi, et al
2007; 75 (9)
- **Evidence for the rare decay $B^+ \rightarrow D-s^+ \pi(0)$** *PHYSICAL REVIEW LETTERS*
Aubert, B., Bona, M., Boutigny, D., Karyotakis, Y., Lees, J. P., Poireau, V., Prudent, X., Tisserand, V., Zghiche, A., Grauges, E., Palano, A., Chen, J. C., Qi, et al
2007; 98 (17)
- **Branching fraction measurements of $B^+ \rightarrow \rho^+ \gamma$, $B-0 \rightarrow \rho(0) \gamma$, and $B-0 \rightarrow \omega \gamma$** *PHYSICAL REVIEW LETTERS*
Aubert, B., Bona, M., Boutigny, D., Karyotakis, Y., Lees, J. P., Poireau, V., Prudent, X., Tisserand, V., Zghiche, A., Grauges, E., Palano, A., Chen, J. C., Qi, et al
2007; 98 (15)
- **Measurement of the pseudoscalar decay constant $f(D_s)$ using charm-tagged events in e^+e^- collisions at root $s=10.58$ GeV** *PHYSICAL REVIEW LETTERS*
Aubert, B., Barate, R., Bona, M., Boutigny, D., Couderc, F., Karyotakis, Y., Lees, J. P., Poireau, V., Tisserand, V., Zghiche, A., Grauges, E., Palano, A., Pappagallo, et al
2007; 98 (14)
- **Study of inclusive B^- and $(B)\overline{0}$ decays to flavor-tagged D , $D-s$, and $\Lambda^+(c)$** *PHYSICAL REVIEW D*
Aubert, B., Barate, R., Bona, M., Boutigny, D., Couderc, F., Karyotakis, Y., Lees, J. P., Poireau, V., Tisserand, V., Zghiche, A., Grauges, E., Palano, A., Pappagallo, et al
2007; 75 (7)
- **Evidence for $B-0 \rightarrow \rho(0)\rho(0)$ decays and implications for the Cabibbo-Kobayashi-Maskawa angle α** *PHYSICAL REVIEW LETTERS*
Aubert, B., Bona, M., Boutigny, D., Karyotakis, Y., Lees, J. P., Poireau, V., Prudent, X., Tisserand, V., Zghiche, A., Grauges, E., Palano, A., Chen, J. C., Qi, et al
2007; 98 (11)
- **Measurement of the $B-0 \rightarrow \pi^-(*)\nu$ form-factor shape and branching fraction, and determination of $|V_{ub}|$ with a loose neutrino reconstruction technique** *PHYSICAL REVIEW LETTERS*
Aubert, B., Bona, M., Boutigny, D., Karyotakis, Y., Lees, J. P., Poireau, V., Prudent, X., Tisserand, V., Zghiche, A., Grauges, E., Palano, A., Chen, J. C., Qi, et al
2007; 98 (9)
- **Measurements of $\Lambda^+(c)$ branching fractions of Cabibbo-suppressed decay modes involving Λ and $\Sigma(0)$** *PHYSICAL REVIEW D*
Aubert, B., Barate, R., Boutigny, D., Couderc, F., Karyotakis, Y., Lees, J. P., Poireau, V., Tisserand, V., Zghiche, A., Grauges, E., Palano, A., Pappagallo, M., Pompili, et al
2007; 75 (5)
- **Measurement of B decays to $\pi K \gamma$** *PHYSICAL REVIEW D*
Aubert, B., Bona, M., Boutigny, D., Couderc, F., Karyotakis, Y., Lees, J. P., Poireau, V., Tisserand, V., Zghiche, A., Grauges, E., Palano, A., Chen, J. C., Qi, et al
2007; 75 (5)
- **Observation of decays $B-0 \rightarrow D-s^*(*)\pi^-$ and $B-0 \rightarrow D_s^*(*)K^+$** *PHYSICAL REVIEW LETTERS*
Aubert, B., Barate, R., Bona, M., Boutigny, D., Couderc, F., Karyotakis, Y., Lees, J. P., Poireau, V., Tisserand, V., Zghiche, A., Grauges, E., Palano, A., Chen, et al
2007; 98 (8)
- **Search for lepton flavor violating decays $\tau^{+/-} \rightarrow l^{+/-}\pi(0), l^{+/-}\eta, l^{+/-}\eta'$** *PHYSICAL REVIEW LETTERS*
Aubert, B., Bona, M., Boutigny, D., Couderc, F., Karyotakis, Y., Lees, J. P., Poireau, V., Tisserand, V., Zghiche, A., Grauges, E., Palano, A., Chen, J. C., Qi, et al

2007; 98 (6)

- **Vector-tensor and vector-vector decay amplitude analysis of $B^0 \rightarrow \phi K^*0$** *PHYSICAL REVIEW LETTERS*
Aubert, B., Bona, M., Boutigny, D., Couderc, F., Karyotakis, Y., Lees, J. P., Poireau, V., Tisserand, V., Zghiche, A., Grauges, E., Palano, A., Chen, J. C., Qi, et al
2007; 98 (5)
- **Measurement of the CP asymmetry and branching fraction of $B^0 \rightarrow \rho K^*0(0)$** *PHYSICAL REVIEW LETTERS*
Aubert, B., Barate, R., Bona, M., Boutigny, D., Couderc, F., Karyotakis, Y., Lees, J. P., Poireau, V., Tisserand, V., Zghiche, A., Grauges, E., Palano, A., Chen, et al
2007; 98 (5)
- **Observation of $B \rightarrow \eta' K^*$ and evidence for $B^+ \rightarrow \eta' p^+$** *PHYSICAL REVIEW LETTERS*
Aubert, B., Barate, R., Bona, M., Boutigny, D., Couderc, F., Karyotakis, Y., Lees, J. P., Poireau, V., Tisserand, V., Zghiche, A., Grauges, E., Palano, A., Chen, et al
2007; 98 (5)
- **Branching fraction measurement of $(B)\overline{B} \rightarrow D^{(*)}\pi^{\pm}$ and $B \rightarrow D^{(*)}0\pi^{\pm}$ and isospin analysis of $(B)\overline{B} \rightarrow D^{(*)}\pi$ decays** *PHYSICAL REVIEW D*
Aubert, B., Barate, R., Bona, M., Boutigny, D., Couderc, F., Karyotakis, Y., Lees, J. P., Poireau, V., Tisserand, V., Zghiche, A., Grauges, E., Palano, A., Chen, et al
2007; 75 (3)
- **Search for the reactions $e^+e^- \rightarrow \mu^+\tau^-$ and $e^+e^- \rightarrow e^+\tau^-$** *PHYSICAL REVIEW D*
Aubert, B., Bona, M., Boutigny, D., Couderc, F., Karyotakis, Y., Lees, J. P., Poireau, V., Tisserand, V., Zghiche, A., Grauges, E., Palano, A., Chen, J. C., Qi, et al
2007; 75 (3)
- **Observation of CP violation in $B \rightarrow \eta/K^*0$ decays** *PHYSICAL REVIEW LETTERS*
Aubert, B., Bona, M., Boutigny, D., Couderc, F., Karyotakis, Y., Lees, J. P., Poireau, V., Tisserand, V., Zghiche, A., Grauges, E., Palano, A., Chen, J. C., Qi, et al
2007; 98 (3)
- **Observation of a charmed baryon decaying to $D(0)p$ at a mass near 2.94 GeV/c(2)** *PHYSICAL REVIEW LETTERS*
Aubert, B., Barate, R., Bona, M., Boutigny, D., Couderc, F., Karyotakis, Y., Lees, J. P., Poireau, V., Tisserand, V., Zghiche, A., Grauges, E., Palano, A., Pappagallo, et al
2007; 98 (1)
- **Inclusive $\Lambda^+(c)$ production in e^+e^- annihilations at root $s=10.54$ GeV and in $Y(4S)$ decays** *PHYSICAL REVIEW D*
Aubert, B., Bona, M., Boutigny, D., Couderc, F., Karyotakis, Y., Lees, J. P., Poireau, V., Tisserand, V., Zghiche, A., Grauges, E., Palano, A., Chen, J. C., Qi, et al
2007; 75 (1)
- **Improved measurements of the branching fractions for $B^0 \rightarrow \pi^+\pi^-$ and $B^0 \rightarrow K^+\pi^-$, and a search for $B^0 \rightarrow K^+K^-$** *PHYSICAL REVIEW D*
Aubert, B., Barate, R., Bona, M., Boutigny, D., Couderc, F., Karyotakis, Y., Lees, J. P., Poireau, V., Tisserand, V., Zghiche, A., Grauges, E., Palano, A., Chen, et al
2007; 75 (1)
- **Measurements of branching fraction, polarization, and charge asymmetry of $B^{\pm} \rightarrow \rho^{\pm}f(0)$ and a search for $B^{\pm} \rightarrow \rho^{\pm}f(0)(980)$** *PHYSICAL REVIEW LETTERS*
Aubert, B., Bona, M., Boutigny, D., Couderc, F., Karyotakis, Y., Lees, J. P., Poireau, V., Tisserand, V., Zghiche, A., Grauges, E., Palano, A., Chen, J. C., Qi, et al
2006; 97 (26)
- **Observation of $B^+ \rightarrow \phi\phi K^+$ and evidence for $B^0 \rightarrow \phi\phi K^*0$ below $\eta(c)$ threshold** *PHYSICAL REVIEW LETTERS*
Aubert, B., Bona, M., Boutigny, D., Couderc, F., Karyotakis, Y., Lees, J. P., Poireau, V., Tisserand, V., Zghiche, A., Grauges, E., Palano, A., Chen, J. C., Qi, et al
2006; 97 (26)
- **BABAR silicon vertex tracker: Status and prospects** *14th International Workshop on Vertex Detectors*
Re, V., Bondioli, M., Bruinsma, M., Curry, S., Kirkby, D., Berryhill, J., Burke, S., Callahan, D., Campagnari, C., Cunha, A., Dahmes, B., Hale, D., Kyre, et al
ELSEVIER SCIENCE BV.2006: 1-4
- **Observation of an excited charm baryon $\Omega^*(c)$ decaying to $\Omega(0)c\gamma$** *PHYSICAL REVIEW LETTERS*
Aubert, B., Bona, M., Boutigny, D., Couderc, F., Karyotakis, Y., Lees, J. P., Poireau, V., Tisserand, V., Zghiche, A., Grauges, E., Palano, A., Chen, J. C., Qi, et al
2006; 97 (23)
- **Observation of the exclusive reaction $e^+e^- \rightarrow \phi\eta$ at root $s=10.58$ GeV** *PHYSICAL REVIEW D*
Aubert, B., Bona, M., Boutigny, D., Karyotakis, Y., Lees, J. P., Poireau, V., Prudent, X., Tisserand, V., Zghiche, A., Grauges, E., Palano, A., Chen, J. C., Qi, et al
2006; 74 (11)

- **Measurement of the absolute branching fractions $B \rightarrow D \pi$, $D^* \pi$, $D^{**} \pi$ with a missing mass method** *PHYSICAL REVIEW D*
Aubert, B., Bona, M., Boutigny, D., Couderc, F., Karyotakis, Y., Lees, J. P., Poireau, V., Tisserand, V., Zghiche, A., Grauges, E., Palano, A., Chen, J. C., Qi, et al
2006; 74 (11)
- **Measurement of branching fractions and charge asymmetries in B decays to an eta meson and a K^* meson** *PHYSICAL REVIEW LETTERS*
Aubert, B., Bona, M., Boutigny, D., Couderc, F., Karyotakis, Y., Lees, J. P., Poireau, V., Tisserand, V., Zghiche, A., Grauges, E., Palano, A., Chen, J. C., Qi, et al
2006; 97 (20)
- **Measurements of branching fractions, polarizations, and direct CP-violation asymmetries in $B \rightarrow \rho K^*$ and $b \rightarrow f(0)(980)K^*$ decays** *PHYSICAL REVIEW LETTERS*
Aubert, B., Barate, R., Bona, M., Boutigny, D., Couderc, F., Karyotakis, Y., Lees, J. P., Poireau, V., Tisserand, V., Zghiche, A., Grauges, E., Palano, A., Chen, et al
2006; 97 (20)
- **Observation of e^+e^- annihilation into the $C=+1$ hadronic final states $\rho(0)\rho(0)$ and $\phi \rho(0)$** *PHYSICAL REVIEW LETTERS*
Aubert, B., Barate, R., Bona, M., Boutigny, D., Couderc, F., Karyotakis, Y., Lees, J. P., Poireau, V., Tisserand, V., Zghiche, A., Grauges, E., Palano, A., Chen, et al
2006; 97 (11)
- **Measurements of the decays $B-0 \rightarrow (D)\overline{\text{p}}(p)\overline{\text{p}}$, $B0 \rightarrow (D)\overline{\text{p}}^*(0) \text{p}(p)\overline{\text{p}}$, $B-0 \rightarrow D- \text{p}(p)\overline{\text{p}} \pi(+)$, and $B-0 \rightarrow D^*(-) \text{p}(p)\overline{\text{p}} \pi(+)$** *PHYSICAL REVIEW D*
Aubert, B., Barate, R., Bona, M., Boutigny, D., Couderc, F., Karyotakis, Y., Lees, J. P., Poireau, V., Tisserand, V., Zghiche, A., Grauges, E., Palano, A., Pappagallo, et al
2006; 74 (5)
- **Review of particle physics** *JOURNAL OF PHYSICS G-NUCLEAR AND PARTICLE PHYSICS*
Yao, W., Amsler, C., Asner, D., Barnett, R. M., Beringer, J., Burchat, P. R., Carone, C. D., Caso, C., Dahl, O., D'Ambrosio, G., de Gouvea, A., Doser, M., Eidelman, et al
2006; 33 (1): 1-?
- **Measurement of branching fractions and CP-violating charge asymmetries for B-meson decays to $D^{(*)}(D)\overline{\text{p}}^*(*)$, and implications for the Cabibbo-Kobayashi-Maskawa angle γ** *PHYSICAL REVIEW D*
Aubert, B., Barate, R., Bona, M., Boutigny, D., Couderc, F., Karyotakis, Y., Lees, J. P., Poireau, V., Tisserand, V., Zghiche, A., Grauges, E., Palano, A., Pappagallo, et al
2006; 73 (11)
- **Search for the decay $\tau(-) \rightarrow 3 \pi(-) 2 \pi(+)$** *PHYSICAL REVIEW D*
Aubert, B., Barate, R., Bona, M., Boutigny, D., Couderc, F., Karyotakis, Y., Lees, J. P., Poireau, V., Tisserand, V., Zghiche, A., Grauges, E., Palano, A., Pappagallo, et al
2006; 73 (11)
- **Measurement of the $B \rightarrow (DK^*)-K-0$ branching fraction** *PHYSICAL REVIEW D*
Aubert, B., Barate, R., Boutigny, D., Couderc, F., Karyotakis, Y., Lees, J. P., Poireau, V., Tisserand, V., Zghiche, A., Grauges, E., Palano, A., Pappagallo, M., Chen, et al
2006; 73 (11)
- **Measurement of time-dependent CP asymmetries in $B-0 \rightarrow D^{(*)+/-} \pi(-/+)$ and $B-0 \rightarrow D^{*+/-} \rho(-/+)$ decays** *PHYSICAL REVIEW D*
Aubert, B., Barate, R., Boutigny, D., Couderc, F., Karyotakis, Y., Lees, J. P., Poireau, V., Tisserand, V., Zghiche, A., Grauges, E., Palano, A., Pappagallo, M., Chen, et al
2006; 73 (11)
- **Status and prospects of the BaBar SVT** *13th International Workshop on Vertex Detectors*
Re, V., Bruinsma, M., Curry, S., Kirkby, D., Berryhlll, J., Burke, S., Callahan, D., Campagnari, C., Dahmes, B., Hale, D., Hart, P., Kyre, S., Levy, et al
ELSEVIER SCIENCE BV.2006: 5-8
- **Search for the decay $B^+ \rightarrow \tau^+ \nu(\tau)$** *PHYSICAL REVIEW D*
Aubert, B., Barate, R., Boutigny, D., Couderc, F., Karyotakis, Y., Lees, J. P., Poireau, V., Tisserand, V., Zghiche, A., Grauges, E., Palano, A., Pappagallo, M., Pompili, et al
2006; 73 (5)
- **The $e^+e^- \rightarrow 3(\pi^+\pi^-)$, $2(\pi^+\pi^-\pi^0)$ and $K^+K^-(\pi^+\pi^-)$ cross sections at center-of-mass energies from production threshold to 4.5 GeV measured with initial-state radiation** *PHYSICAL REVIEW D*

- Aubert, B., Barate, R., Boutigny, D., Couderc, F., Karyotakis, Y., Lees, J. P., Poireau, V., Tisserand, V., Zghiche, A., Grauges, E., Palano, A., Pappagallo, M., Chen, et al
2006; 73 (5)
- **Measurement of CP observables for the decays $B^{+/-} \rightarrow (DCPK)^{+/-} K^0$** *PHYSICAL REVIEW D*
Aubert, B., Barate, R., Boutigny, D., Couderc, F., Karyotakis, Y., Lees, J. P., Poireau, V., Tisserand, V., Zghiche, A., Grauges, E., Palano, A., Pappagallo, M., Chen, et al
2006; 73 (5)
 - **Model-independent measurement of S-wave $K\pi^+$ systems using $D^{+*} \rightarrow K\pi\pi$ decays from fermilab E791** *PHYSICAL REVIEW D*
Aitala, E. M., Amato, S., Anjos, J. C., Appel, J. A., Ashery, D., Banerjee, S., Bediaga, I., Blaylock, G., Bracker, S. B., Burchat, P. R., Burnstein, R. A., Carter, T., Carvalho, et al
2006; 73 (3)
 - **Measurement of the branching ratios $\Gamma(D^* \rightarrow D^0\pi^0)/\Gamma(D^* \rightarrow D^0\gamma)$ and $\Gamma(D^* \rightarrow D^0\pi^0)/\Gamma(D^* \rightarrow D^0\gamma)$** *PHYSICAL REVIEW D*
Aubert, B., Barate, R., Boutigny, D., Couderc, F., Karyotakis, Y., Lees, J. P., Poireau, V., Tisserand, V., Zghiche, A., Grauges, E., Palano, A., Pappagallo, M., Pompili, et al
2005; 72 (9)
 - **Search for the radiative decay $B^0 \rightarrow \gamma$** *PHYSICAL REVIEW D*
Aubert, B., Barate, R., Boutigny, D., Couderc, F., Karyotakis, Y., Lees, J. P., Poireau, V., Tisserand, V., Zghiche, A., Grauges-Pous, E., Palano, A., Pompili, A., Chen, et al
2005; 72 (9)
 - **Radiation monitoring with CVD diamonds in BABAR** *5th International Conference on Radiation Effects on Semiconductor Materials, Detectors and Devices*
Edwards, A. J., Bruinsma, M., Burchat, P., Kagan, H., Kass, R., Kirkby, D., Petersen, B. A., Pulliam, T.
ELSEVIER SCIENCE BV.2005: 176–82
 - **Measurements of branching fractions and dalitz distributions for $B^0 \rightarrow (DK^0)K^{*+/-}\pi^{\mp}$ decays** *PHYSICAL REVIEW LETTERS*
Aubert, B., Barate, R., Boutigny, D., Couderc, F., Karyotakis, Y., Lees, J. P., Poireau, V., Tisserand, V., Zghiche, A., Grauges-Pous, E., Palano, A., Pompili, A., Chen, et al
2005; 95 (17)
 - **What can be learned from the BABAR silicon vertex tracker running experience** *5th International Conference on Radiation Effects on Semiconductor Materials, Detectors and Devices*
Re, V., Kirkby, D., Bruinsma, M., Curry, S., Berryhill, J., Burke, S., Callahan, D., Campagnari, C., Dahmes, B., Hale, D., Hart, P., Kyre, S., Levy, et al
ELSEVIER SCIENCE BV.2005: 224–31
 - **Measurement of branching fractions and charge asymmetries in B^+ decays to $\eta\pi^+$, ηK^+ , $\eta\rho^+$, and $\eta^{\prime}\pi^+$, and search for B^0 decays to ηK^0 and $\eta\omega$** *PHYSICAL REVIEW LETTERS*
Aubert, B., Barate, R., Boutigny, D., Couderc, F., Karyotakis, Y., Lees, J. P., Poireau, V., Tisserand, V., Zghiche, A., Grauges-Pous, E., Palano, A., Pappagallo, M., Pompili, et al
2005; 95 (13)
 - **Radiation damage studies for the BaBar Silicon Vertex Tracker** *12th International Workshop on Vertex Detectors Low Wood (VERTEX 2003)*
Re, V., Kirkby, D., Bruinsma, M., Berryhill, J., Burke, S., Callahan, D., Campagnari, C., Dahmes, B., Hale, D., Hart, P., Kyre, S., Levy, S., Long, et al
ELSEVIER SCIENCE BV.2005: 11–15
 - **Measurement of the total width, the electronic width, and the mass of the Upsilon(10580) resonance** *PHYSICAL REVIEW D*
Aubert, B., Barate, R., Boutigny, D., Couderc, F., Gaillard, J. M., Hicheur, A., Karyotakis, Y., Lees, J. P., Tisserand, V., Zghiche, A., Palano, A., Pompili, A., Chen, et al
2005; 72 (3)
 - **Search for the rare leptonic decay $B^0 \rightarrow \tau^-\nu(\tau)$** *PHYSICAL REVIEW LETTERS*
Aubert, B., Barate, R., Boutigny, D., Couderc, F., Gaillard, J. M., Hicheur, A., Karyotakis, Y., Lees, J. P., Tisserand, V., Zghiche, A., Palano, A., Pompili, A., Chen, et al
2005; 95 (4)
 - **Improved measurement of the Cabibbo-Kobayashi-Maskawa angle alpha using $B^0(B) \rightarrow \rho^+\rho^-$ decays** *PHYSICAL REVIEW LETTERS*
Aubert, B., Barate, R., Boutigny, D., Couderc, F., Karyotakis, Y., Lees, J. P., Poireau, V., Tisserand, V., Zghiche, A., Grauges, E., Palano, A., Pappagallo, M., Pompili, et al

2005; 95 (4)

- **Search for decays of $B^0 \rightarrow e^+e^-$, $B^0 \rightarrow \mu^+\mu^-$, $B^0 \rightarrow e^+\mu^-$** *PHYSICAL REVIEW LETTERS*
Aubert, B., Barate, R., Boutigny, D., Couderc, F., Gaillard, J. M., Hicheur, A., Karyotakis, Y., Lees, J. P., Tisserand, V., Zghiche, A., Palano, A., Pompili, A., Chen, et al
2005; 94 (22)
- **Lessons learned from BaBar silicon vertex tracker, limits, and future perspectives of the detector** *IEEE TRANSACTIONS ON NUCLEAR SCIENCE*
Re, V., Kirkby, D., Bruinsma, M., Curry, S., Berryhill, J., Burke, S., Callahan, D., Campagnari, C., Dahmes, B., Hale, D., Hart, P., Kyre, S., Levy, et al
2005; 52 (3): 787-792
- **Search for $B \rightarrow J/\psi D$ decays** *PHYSICAL REVIEW D*
Aubert, B., Barate, R., Boutigny, D., Couderc, F., Karyotakis, Y., Lees, J. P., Poireau, V., Tisserand, V., Zghiche, A., Grauges, E., Palano, A., Pappagallo, M., Pompili, et al
2005; 71 (9)
- **Improved measurement of CP asymmetries in $B^0 \rightarrow \bar{c}K^0$ decays** *PHYSICAL REVIEW LETTERS*
Aubert, B., Barate, R., Boutigny, D., Couderc, F., Gaillard, J. M., Hicheur, A., Karyotakis, Y., Lees, J. P., Tisserand, V., Zghiche, A., Palano, A., Pompili, A., Chen, et al
2005; 94 (16)
- **Study of the $B \rightarrow J/\psi K\pi$ decay and measurement of the $B \rightarrow X(3872)K$ branching fraction** *PHYSICAL REVIEW D*
Aubert, B., Barate, R., Boutigny, D., Couderc, F., Gaillard, J. M., Hicheur, A., Karyotakis, Y., Lees, J. P., Tisserand, V., Zghiche, A., Palano, A., Pompili, A., Chen, et al
2005; 71 (7)
- **Search for the decay $B \rightarrow K + \nu\bar{\nu}$** *PHYSICAL REVIEW LETTERS*
Aubert, B., Barate, R., Boutigny, D., Couderc, F., Gaillard, J. M., Hicheur, A., Karyotakis, Y., Lees, J. P., Tisserand, V., Zghiche, A., Palano, A., Pompili, A., Chen, et al
2005; 94 (10)
- **$e^+e^- \rightarrow \pi^+\pi^-\pi^+\pi^-$, $K+K\pi^+\pi^-$, and $K+K\bar{K}+K$ cross sections at center-of-mass energies 0.5-4.5 GeV measured with initial-state radiation** *PHYSICAL REVIEW D*
Aubert, B., Barate, R., Boutigny, D., Couderc, F., Karyotakis, Y., Lees, J. P., Poireau, V., Tisserand, V., Zghiche, A., Grauges-Pous, E., Palano, A., Pompili, A., Chen, et al
2005; 71 (5)
- **Measurement of the $B \rightarrow D^{*+}l^-\bar{\nu}_l$ decay rate and vertical bar V_{cb} vertical bar** *PHYSICAL REVIEW D*
Aubert, B., Barate, R., Boutigny, D., Couderc, F., Gaillard, J. M., Hicheur, A., Karyotakis, Y., Lees, J. P., Tisserand, V., Zghiche, A., Palano, A., Pompili, A., Chen, et al
2005; 71 (5)
- **Measurements of the branching fraction and CP-violation asymmetries in $B^0 \rightarrow f(0)(980)K^0$** *PHYSICAL REVIEW LETTERS*
Aubert, B., Barate, R., Boutigny, D., Couderc, F., Gaillard, J. M., Hicheur, A., Karyotakis, Y., Lees, J. P., Tisserand, V., Zghiche, A., Palano, A., Pompili, A., Chen, et al
2005; 94 (4)
- **Measurements of B meson decays to ωK^* and $\omega \rho$** *PHYSICAL REVIEW D*
Aubert, B., Barate, R., Boutigny, D., Couderc, F., Karyotakis, Y., Lees, J. P., Poireau, V., Tisserand, V., Zghiche, A., Grauges-Pous, E., Palano, A., Pompili, A., Chen, et al
2005; 71 (3)
- **Measurement of the ratio $B(B \rightarrow (DK)K^0)/B(B \rightarrow D^0 \pi^-)$ and of the CP asymmetry of $B \rightarrow (DCK)K^0$ decays** *PHYSICAL REVIEW D*
Aubert, B., Barate, R., Boutigny, D., Couderc, F., Karyotakis, Y., Lees, J. P., Poireau, V., Tisserand, V., Zghiche, A., Grauges-Pous, E., Palano, A., Pompili, A., Chen, et al
2005; 71 (3)
- **Time-integrated and time-dependent angular analyses of $B \rightarrow J/\psi K \pi$: A measurement of $\cos^2 \beta$ with no sign ambiguity from strong phases** *PHYSICAL REVIEW D*
Aubert, B., Barate, R., Boutigny, D., Couderc, F., Gaillard, J. M., Karyotakis, Y., Lees, J. P., Poireau, V., Tisserand, V., Zghiche, A., Palano, A., Pompili, A., Chen, et al
2005; 71 (3)

- **Search for radiative penguin decays $B^+ \rightarrow \rho^+ \gamma$, $B^0 \rightarrow \rho^0 \gamma$, and $B^0 \rightarrow \omega \gamma$** *PHYSICAL REVIEW LETTERS*
Aubert, B., Barate, R., Boutigny, D., Couderc, F., Gaillard, J. M., Hicheur, A., Karyotakis, Y., Lees, J. P., Tisserand, V., Zghiche, A., Palano, A., Pompili, A., Chen, et al
2005; 94 (1)
- **New effects observed in the BABAR Silicon Vertex Tracker: Interpretation and estimate of their impact on the future performance of the detector** *Nuclear Science Symposium/Medical Imaging Conference*
Re, V., Bondioli, M., Bruinsma, M., Curry, S., Kirkby, D., Berryhill, J., Burke, S., Callahan, D., Campagnari, C., Cunha, A., Dahmes, B., Hale, D., Kyre, et al
IEEE.2005: 73–77
- **Measurement of the $B^0 \rightarrow \phi K^*0$ decay amplitudes** *PHYSICAL REVIEW LETTERS*
Aubert, B., Barate, R., Boutigny, D., Couderc, F., Gaillard, J. M., Hicheur, A., Karyotakis, Y., Lees, J. P., Tisserand, V., Zghiche, A., Palano, A., Pompili, A., Chen, et al
2004; 93 (23)
- **Study of the decay $B^0((B)\overline{0}) \rightarrow \rho^+ \rho^-$, and constraints on the Cabibbo-Kobayashi-maskawa angle α** *PHYSICAL REVIEW LETTERS*
Aubert, B., Barate, R., Boutigny, D., Couderc, F., Gaillard, J. M., Hicheur, A., Karyotakis, Y., Lees, J. P., Tisserand, V., Zghiche, A., Palano, A., Pompili, A., Chen, et al
2004; 93 (23)
- **Measurement of branching fractions and CP and isospin asymmetries for $B \rightarrow K^* \gamma$** *PHYSICAL REVIEW D*
Aubert, B., Barate, R., Boutigny, D., Couderc, F., Gaillard, J. M., Hicheur, A., Karyotakis, Y., Lees, J. P., Tisserand, V., Zghiche, A., Palano, A., Pompili, A., Chen, et al
2004; 70 (11)
- **Search for B-meson decays to two-body final states with $a_0(980)$ mesons** *PHYSICAL REVIEW D*
Aubert, B., Barate, R., Boutigny, D., Couderc, F., Gaillard, J. M., Hicheur, A., Karyotakis, Y., Lees, J. P., Tisserand, V., Zghiche, A., Palano, A., Pompili, A., Chen, et al
2004; 70 (11)
- **Measurement of time-dependent CP-violating asymmetries in $B^0 \rightarrow K^*0 \gamma(K^*0 \rightarrow K^* S(0)\pi^0)$ decays** *PHYSICAL REVIEW LETTERS*
Aubert, B., Barate, R., Boutigny, D., Couderc, F., Gaillard, J. M., Hicheur, A., Karyotakis, Y., Lees, J. P., Tisserand, V., Zghiche, A., Palano, A., Pompili, A., Chen, et al
2004; 93 (20)
- **Search for flavor-changing neutral current and lepton-flavor violating decays of $D^0 \rightarrow l^+ l^-$** *PHYSICAL REVIEW LETTERS*
Aubert, B., Barate, R., Boutigny, D., Couderc, F., Gaillard, J. M., Hicheur, A., Karyotakis, Y., Lees, J. P., Tisserand, V., Zghiche, A., Palano, A., Pompili, A., Chen, et al
2004; 93 (19)
- **Measurements of the branching fractions of charged B decays to $K^+ \pi^- \pi^+ \pi^-$ final states** *PHYSICAL REVIEW D*
Aubert, B., Barate, R., Boutigny, D., Gaillard, J. M., Hicheur, A., Karyotakis, Y., Lees, J. P., Robbe, P., Tisserand, V., Zghiche, A., Palano, A., Pompili, A., Chen, et al
2004; 70 (9)
- **Search for the decay $B^0 \rightarrow J/\psi \gamma$** *PHYSICAL REVIEW D*
Aubert, B., Barate, R., Boutigny, D., Couderc, F., Gaillard, J. M., Hicheur, A., Karyotakis, Y., Lees, J. P., Tisserand, V., Zghiche, A., Palano, A., Pompili, A., Chen, et al
2004; 70 (9)
- **Measurements of neutral B decay branching fractions to $K^* S(0)\pi^+ \pi^-$ final states** *PHYSICAL REVIEW D*
Aubert, B., Barate, R., Boutigny, D., Couderc, F., Gaillard, J. M., Hicheur, A., Karyotakis, Y., Lees, J. P., Tisserand, V., Zghiche, A., Palano, A., Pompili, A., Chen, et al
2004; 70 (9)
- **Measurement of the branching fractions for inclusive B- and $(B)\overline{0}$ decays to flavor-tagged D, D-s, and Λ_c** *PHYSICAL REVIEW D*
Aubert, B., Barate, R., Boutigny, D., Couderc, F., Gaillard, J. M., Hicheur, A., Karyotakis, Y., Lees, J. P., Poireau, V., Tisserand, V., Zghiche, A., Palano, A., Pompili, et al
2004; 70 (9)
- **Search for $D^0-(D)\overline{0}$ mixing using semileptonic decay modes** *PHYSICAL REVIEW D*

- Aubert, B., Barate, R., Boutigny, D., Couderc, F., Gaillard, J. M., Hicheur, A., Karyotakis, Y., Lees, J. P., Tisserand, V., Zghiche, A., Palano, A., Pompili, A., Chen, et al
2004; 70 (9)
- **Measurement of the $B^0 \rightarrow K^{*0} \gamma$ and $B^+ \rightarrow K^{*+} \gamma$ branching fractions** *PHYSICAL REVIEW D*
Aubert, B., Barate, R., Boutigny, D., Couderc, F., Gaillard, J. M., Hicheur, A., Karyotakis, Y., Lees, J. P., Tisserand, V., Zghiche, A., Palano, A., Pompili, A., Chen, et al
2004; 70 (9)
 - **Searches for B^0 decays to combinations of two charmless isoscalar mesons** *PHYSICAL REVIEW LETTERS*
Aubert, B., Barate, R., Boutigny, D., Couderc, F., Gaillard, J. M., Hicheur, A., Karyotakis, Y., Lees, J. P., Tisserand, V., Zghiche, A., Palano, A., Pompili, A., Chen, et al
2004; 93 (18)
 - **Branching fractions and CP asymmetries in $B^0 \rightarrow (K+K)K_S^0$ and $B^+ \rightarrow (K+K_S^0)K^0$** *PHYSICAL REVIEW LETTERS*
Aubert, B., Barate, R., Boutigny, D., Couderc, F., Gaillard, J. M., Hicheur, A., Karyotakis, Y., Lees, J. P., Tisserand, V., Zghiche, A., Palano, A., Pompili, A., Chen, et al
2004; 93 (18)
 - **Study of $B \rightarrow D_s J^{(*)} (\overline{D})$ decays** *PHYSICAL REVIEW LETTERS*
Aubert, B., Barate, R., Boutigny, D., Couderc, F., Gaillard, J. M., Hicheur, A., Karyotakis, Y., Lees, J. P., Tisserand, V., Zghiche, A., Palano, A., Pompili, A., Chen, et al
2004; 93 (18)
 - **Performance, radiation damage, and future plans of the BABAR silicon vertex tracker** *IEEE Nuclear Science Symposium/Room-Temperature Semiconductor Detector Workshop/Symposium on Nuclear Power Systems (2003 NSS/RTSD/SNPS)*
Re, V., Kirkby, D., Bruinsma, M., Berryhill, J., Burke, S., Callahan, D., Campagnari, C., Dahmes, B., Hale, D., Hart, P., Kyre, S., Levy, S., Long, et al
IEEE-INST ELECTRICAL ELECTRONICS ENGINEERS INC.2004: 2298–2301
 - **Study of the $e^+e^- \rightarrow \pi^+\pi^-\pi^0$ process using initial state radiation with BABAR** *PHYSICAL REVIEW D*
Aubert, B., Barate, R., Boutigny, D., Couderc, F., Gaillard, J. M., Hicheur, A., Karyotakis, Y., Lees, J. P., Tisserand, V., Zghiche, A., Palano, A., Pompili, A., Chen, et al
2004; 70 (7)
 - **Direct CP violating asymmetry in $B^0 \rightarrow K^+\pi^-$ decays** *PHYSICAL REVIEW LETTERS*
Aubert, B., Barate, R., Boutigny, D., Couderc, F., Gaillard, J. M., Hicheur, A., Karyotakis, Y., Lees, J. P., Tisserand, V., Zghiche, A., Palano, A., Pompili, A., Chen, et al
2004; 93 (13)
 - **Measurements of CP-violating asymmetries in $B^0 \rightarrow K^-\pi^0$ decays** *PHYSICAL REVIEW LETTERS*
Aubert, B., Barate, R., Boutigny, D., Couderc, F., Gaillard, J. M., Hicheur, A., Karyotakis, Y., Lees, J. P., Tisserand, V., Zghiche, A., Palano, A., Pompili, A., Chen, et al
2004; 93 (13)
 - **Search for $B^+ \rightarrow [K^-\pi^+](\overline{D})K^+$ and upper limit on the $b \rightarrow u$ amplitude in $B^+ \rightarrow DK^+$** *PHYSICAL REVIEW LETTERS*
Aubert, B., Barate, R., Boutigny, D., Couderc, F., Gaillard, J. M., Hicheur, A., Karyotakis, Y., Lees, J. P., Tisserand, V., Zghiche, A., Palano, A., Pompili, A., Chen, et al
2004; 93 (13)
 - **The BaBar Silicon Vertex Tracker: Performance and radiation damage studies** *6th International Conference on Large Scale Applications and Radiation Hardness of Semiconductor Detectors*
Re, V., Kirkby, D., Bruinsma, M., Berryhill, J., Burke, S., Callahan, D., Campagnari, C., Dahmes, B., Hale, D., Hart, P., Kyre, S., Levy, S., Long, et al
ELSEVIER SCIENCE BV.2004: 7–11
 - **Search for B^0 decays to invisible final states and to $\nu(\overline{\nu})\gamma$** *PHYSICAL REVIEW LETTERS*
Aubert, B., Barate, R., Boutigny, D., Couderc, F., Gaillard, J. M., Hicheur, A., Karyotakis, Y., Lees, J. P., Tisserand, V., Zghiche, A., Palano, A., Pompili, A., Chen, et al
2004; 93 (9)
 - **Bound on the ratio of decay amplitudes for $(B)\overline{(\overline{0})} \rightarrow J/\psi K^*(0)$ and $B^0 \rightarrow J/\psi K^*(0)$** *PHYSICAL REVIEW LETTERS*
Aubert, B., Barate, R., Boutigny, D., Couderc, F., Gaillard, J. M., Hicheur, A., Karyotakis, Y., Lees, J. P., Tisserand, V., Zghiche, A., Palano, A., Pompili, A., Chen, et al

2004; 93 (8)

● **Measurement of the $B \rightarrow X(s)l(+)l(-)$ branching fraction with a sum over exclusive modes** *PHYSICAL REVIEW LETTERS*

Aubert, B., Barate, R., Boutigny, D., Couderc, F., Gaillard, J. M., Hicheur, A., Karyotakis, Y., Lees, J. P., Tisserand, V., Zghiche, A., Palano, A., Pompili, A., Chen, et al

2004; 93 (8)

● **Measurement of the time-dependent CP asymmetry in the $B^0 \rightarrow \phi K^0$ decay** *PHYSICAL REVIEW LETTERS*

Aubert, B., Barate, R., Boutigny, D., Couderc, F., Gaillard, J. M., Hicheur, A., Karyotakis, Y., Lees, J. P., Tisserand, V., Zghiche, A., Palano, A., Pompili, A., Chen, et al

2004; 93 (7)

● **Study of high momentum η' production in $B \rightarrow \eta X'(s)$** *PHYSICAL REVIEW LETTERS*

Aubert, B., Barate, R., Boutigny, D., Couderc, F., Gaillard, J. M., Hicheur, A., Karyotakis, Y., Lees, J. P., Tisserand, V., Zghiche, A., Palano, A., Pompili, A., Chen, et al

2004; 93 (6)

● **B meson decays to $\eta K^{(*)}$, $\eta(\prime)\rho$, $\eta(\prime)\pi(0)$, $\omega\pi(0)$, and $\phi\pi(0)$** *PHYSICAL REVIEW D*

Aubert, B., Barate, R., Boutigny, D., Couderc, F., Gaillard, J. M., Hicheur, A., Karyotakis, Y., Lees, J. P., Tisserand, V., Zghiche, A., Palano, A., Pompili, A., Chen, et al

2004; 70 (3)

● **Observation of the decay $B \rightarrow J/\psi \eta K$ and search for $X(3872) \rightarrow J/\psi \eta$** *PHYSICAL REVIEW LETTERS*

Aubert, B., Barate, R., Boutigny, D., Couderc, F., Gaillard, J. M., Hicheur, A., Karyotakis, Y., Lees, J. P., Tisserand, V., Zghiche, A., Palano, A., Pompili, A., Chen, et al

2004; 93 (4)

● **Review of particle physics** *PHYSICS LETTERS B*

Eidelman, S., Hayes, K. G., Olive, K. A., Aguilar-Benitez, M., Amsler, C., Asner, D., Babu, K. S., Barnett, R. M., Beringer, J., Burchat, P. R., Carone, C. D., Caso, C., Conforto, et al

2004; 592 (1-4): 1-1109

● **Measurement of the direct CP asymmetry in $b \rightarrow s$ gamma decays** *PHYSICAL REVIEW LETTERS*

Aubert, B., Barate, R., Boutigny, D., Couderc, F., Gaillard, J. M., Hicheur, A., Karyotakis, Y., Lees, J. P., Tisserand, V., Zghiche, A., Palano, A., Pompili, A., Chen, et al

2004; 93 (2)

● **Determination of the branching fraction for $B \rightarrow X(c)l \nu$ decays and of vertical bar V_{cb} vertical bar from hadronic-mass and lepton-energy moments** *PHYSICAL REVIEW LETTERS*

Aubert, B., Barate, R., Boutigny, D., Couderc, F., Gaillard, J. M., Hicheur, A., Karyotakis, Y., Lees, J. P., Tisserand, V., Zghiche, A., Palano, A., Pompili, A., Chen, et al

2004; 93 (1)

● **Limits on the decay-rate difference of neutral B mesons and on CP, T, and CPT violation in $B^0\text{--}\bar{B}^0$ oscillations** *PHYSICAL REVIEW D*

Aubert, B., Barate, R., Boutigny, D., Couderc, F., Gaillard, J. M., Hicheur, A., Karyotakis, Y., Lees, J. P., Tisserand, V., Zghiche, A., Palano, A., Pompili, A., Chen, et al

2004; 70 (1)

● **Branching fraction measurements of $B \rightarrow \eta K^* c$ decays** *PHYSICAL REVIEW D*

Aubert, B., Barate, R., Boutigny, D., Couderc, F., Gaillard, J. M., Hicheur, A., Karyotakis, Y., Lees, J. P., Tisserand, V., Zghiche, A., Palano, A., Pompili, A., Chen, et al

2004; 70 (1)

● **Study of $B^+ \rightarrow J/\psi \pi^+$ and $B^+ \rightarrow J/\psi K^+$ decays: Measurement of the ratio of branching fractions and search for direct CP violation** *PHYSICAL REVIEW LETTERS*

Aubert, B., Barate, R., Boutigny, D., Couderc, F., Gaillard, J. M., Hicheur, A., Karyotakis, Y., Lees, J. P., Tisserand, V., Zghiche, A., Palano, A., Pompili, A., Chen, et al

2004; 92 (24)

● **Measurement of the electron energy spectrum and its moments in inclusive $B \rightarrow X e \nu$ decays** *PHYSICAL REVIEW D*

Aubert, B., Barate, R., Boutigny, D., Couderc, F., Gaillard, J. M., Hicheur, A., Karyotakis, Y., Lees, J. P., Tisserand, V., Zghiche, A., Palano, A., Pompili, A., Chen, et al

2004; 69 (11)

- **Measurements of moments of the hadronic mass distribution in semileptonic B decays** *PHYSICAL REVIEW D*
Aubert, B., Barate, R., Boutigny, D., Couderc, F., Gaillard, J. M., Hicheur, A., Karyotakis, Y., Lees, J. P., Tisserand, V., Zghiche, A., Palano, A., Pompili, A., Chen, et al
2004; 69 (11)
- **Limits on the decay-rate difference of neutral B mesons and on CP, T, and CPT violation in B-0(B)over-bar(0) oscillations** *PHYSICAL REVIEW LETTERS*
Aubert, B., Barate, R., Boutigny, D., Gaillard, J. M., Hicheur, A., Karyotakis, Y., Lees, J. P., Robbe, P., Tisserand, V., Zghiche, A., Palano, A., Pompili, A., Chen, et al
2004; 92 (18)
- **Search for the decay B-0 -> p(p)over-bar** *PHYSICAL REVIEW D*
Aubert, B., Barate, R., Boutigny, D., Couderc, F., Gaillard, J. M., Hicheur, A., Karyotakis, Y., Lees, J. P., Tisserand, V., Zghiche, A., Palano, A., Pompili, A., Chen, et al
2004; 69 (9)
- **Measurement of the B+/B-0 production ratio from the Upsilon(4S) meson using B+ -> J/psi K+ and B-0 -> J/psi K-S(0) decays** *PHYSICAL REVIEW D*
Aubert, B., Barate, R., Boutigny, D., Couderc, F., Gaillard, J. M., Hicheur, A., Karyotakis, Y., Lees, J. P., Tisserand, V., Zghiche, A., Palano, A., Pompili, A., Chen, et al
2004; 69 (7)
- **Search for lepton-flavor violation in the decay tau(-)-> l(-)l(+)-** *PHYSICAL REVIEW LETTERS*
Aubert, B., Barate, R., Boutigny, D., Couderc, F., Gaillard, J. M., Hicheur, A., Karyotakis, Y., Lees, J. P., Tisserand, V., Zghiche, A., Palano, A., Pompili, A., Chen, et al
2004; 92 (12)
- **Search for the radiative decays B -> rho gamma and B-0 -> omega gamma** *PHYSICAL REVIEW LETTERS*
Aubert, B., Barate, R., Boutigny, D., Gaillard, J. M., Hicheur, A., Karyotakis, Y., Lees, J. P., Robbe, P., Tisserand, V., Zghiche, A., Palano, A., Pompili, A., Chen, et al
2004; 92 (11)
- **Measurement of the inclusive charmless semileptonic branching ratio of B mesons and determination of vertical bar V-ub vertical bar** *PHYSICAL REVIEW LETTERS*
Aubert, B., Barate, R., Boutigny, D., Gaillard, J. M., Hicheur, A., Karyotakis, Y., Lees, J. P., Robbe, P., Tisserand, V., Zghiche, A., Palano, A., Pompili, A., Chen, et al
2004; 92 (7)
- **Observation of B-0 -> omega K-0, B+ -> eta pi(+), and B+ -> eta K+ and study of related decays** *PHYSICAL REVIEW LETTERS*
Aubert, B., Barate, R., Boutigny, D., Couderc, F., Gaillard, J. M., Hicheur, A., Karyotakis, Y., Lees, J. P., Tisserand, V., Zghiche, A., Palano, A., Pompili, A., Chen, et al
2004; 92 (6)
- **Sensor performance of the BABAR Silicon Vertex Tracker after 4 years of data taking** *9th Pisa Meeting on Advanced Detectors*
Re, V., Kirkby, D., Bruinsma, M., Berryhill, J., Burke, S., Callahan, D., Campagnari, C., Dahmes, B., Hale, D., Hart, P., Kyre, S., Levy, S., Long, et al
ELSEVIER SCIENCE BV.2004: 286-89
- **Observation of the decay B-0 -> rho(+)rho(-) and measurement of the branching fraction and polarization** *PHYSICAL REVIEW D*
Aubert, B., Barate, R., Boutigny, D., Couderc, F., Gaillard, J. M., Hicheur, A., Karyotakis, Y., Lees, J. P., Tisserand, V., Zghiche, A., Palano, A., Pompili, A., Chen, et al
2004; 69 (3)
- **Measurement of branching fractions of color-suppressed decays of the (B)over-bar(0) meson to D-(*)0 pi(0), D-(*)0 eta, D-(*)0 omega, and D-0 eta** *PHYSICAL REVIEW D*
Aubert, B., Barate, R., Boutigny, D., Gaillard, J. M., Hicheur, A., Karyotakis, Y., Lees, J. P., Robbe, P., Tisserand, V., Zghiche, A., Palano, A., Pompili, A., Chen, et al
2004; 69 (3)
- **Radiation hardness and monitoring of the BABAR vertex tracker** *9th Pisa Meeting on Advanced Detectors*
Re, V., Bruinsma, M., Kirkby, D., Berryhill, J., Burke, S., Callahan, D., Campagnari, C., Dahmes, B., Hale, D., Hart, P., Kyre, S., Levy, S., Long, et al
ELSEVIER SCIENCE BV.2004: 290-94

- **Radiation monitoring with CVD diamonds in BABAR** *Nuclear Science Symposium/Medical Imaging Conference*
Edwards, A. J., Bruinsma, A., Burchat, P., Kagan, H., Kass, R., Kirkby, D., Petersen, B. A., Pulliam, T.
IEEE.2004: 729–733
- **Measurements of branching fractions in $B \rightarrow \phi K$ and $B \rightarrow \phi \pi$ and search for direct CP violation in $B \rightarrow \phi K$** *PHYSICAL REVIEW D*
Aubert, B., Barate, R., Boutigny, D., Gaillard, J. M., Hicheur, A., Karyotakis, Y., Lees, J. P., Robbe, P., Tisserand, V., Zghiche, A., Palano, A., Pompili, A., Chen, et al
2004; 69 (1)
- **Performance, radiation damage and future plans of the BaBar silicon vertex tracker** *IEEE Nuclear Science Symposium/Medical Imaging Conference*
Re, V., Kirkby, D., Bruinsma, M., Berryhill, J., Burke, S., Callahan, D., Campagnari, C., Dahmes, B., Hale, D., Hart, P., Kyre, S., Levy, S., Long, et al
IEEE.2004: 1048–1051
- **Radiation monitoring with diamond sensors in BABAR** *IEEE Nuclear Science Symposium/Medical Imaging Conference*
Edwards, A. J., Brau, B., Bruinsma, M., Burchat, P., Kagan, H., Kass, R., Kirkby, D., Petersen, B. A., Zoeller, M.
IEEE.2004: 83–86
- **Evidence for the rare decay $B \rightarrow K^* l^+ l^-$ and measurement of the $B \rightarrow K l^+ l^-$ branching fraction** *PHYSICAL REVIEW LETTERS*
Aubert, B., Barate, R., Boutigny, D., Gaillard, J. M., Hicheur, A., Karyotakis, Y., Lees, J. P., Robbe, P., Tisserand, V., Zghiche, A., Palano, A., Pompili, A., Chen, et al
2003; 91 (22)
- **Measurements of branching fractions and CP-violating asymmetries in $B^0 \rightarrow \rho^+ \eta^-(\pi^+)$ decays** *PHYSICAL REVIEW LETTERS*
Aubert, B., Barate, R., Boutigny, D., Gaillard, J. M., Hicheur, A., Karyotakis, Y., Lees, J. P., Robbe, P., Tisserand, V., Zghiche, A., Palano, A., Pompili, A., Chen, et al
2003; 91 (20)
- **Measurement of the branching fractions for the exclusive decays of B^0 and B^+ to $(D^0 \overline{D}^0) D^{*+} D^{*-}$** *PHYSICAL REVIEW D*
Aubert, B., Barate, R., Boutigny, D., Gaillard, J. M., Hicheur, A., Karyotakis, Y., Lees, J. P., Robbe, P., Tisserand, V., Zghiche, A., Palano, A., Pompili, A., Chen, et al
2003; 68 (9)
- **Rates, polarizations, and asymmetries in charmless vector-vector B meson decays** *PHYSICAL REVIEW LETTERS*
Aubert, B., Barate, R., Boutigny, D., Gaillard, J. M., Hicheur, A., Karyotakis, Y., Lees, J. P., Robbe, P., Tisserand, V., Zghiche, A., Palano, A., Pompili, A., Chen, et al
2003; 91 (17)
- **Search for D^0 - $(D^0 \overline{D}^0)$ mixing and a measurement of the doubly Cabibbo-suppressed decay rate in $D^0 \rightarrow K \pi$ decays** *PHYSICAL REVIEW LETTERS*
Aubert, B., Barate, R., Boutigny, D., Gaillard, J. M., Hicheur, A., Karyotakis, Y., Lees, J. P., Robbe, P., Tisserand, V., Zghiche, A., Palano, A., Pompili, A., Chen, et al
2003; 91 (17)
- **Measurements of CP-violating asymmetries and branching fractions in B meson decays to $\eta' K$** *PHYSICAL REVIEW LETTERS*
Aubert, B., Barate, R., Boutigny, D., Gaillard, J. M., Hicheur, A., Karyotakis, Y., Lees, J. P., Robbe, P., Tisserand, V., Zghiche, A., Palano, A., Pompili, A., Chen, et al
2003; 91 (16)
- **Measurement of time-dependent CP asymmetries and the CP-odd fraction in the decay $B^0 \rightarrow D^{*+} D^{*-}$** *PHYSICAL REVIEW LETTERS*
Aubert, B., Barate, R., Boutigny, D., Gaillard, J. M., Hicheur, A., Karyotakis, Y., Lees, J. P., Robbe, P., Tisserand, V., Zghiche, A., Palano, A., Pompili, A., Chen, et al
2003; 91 (13)
- **Status and future plans of the BABAR silicon vertex tracker** *11th Annual Meeting on Vertex Detectors*
Re, V., Kirkby, D., Berryhill, J., Burke, S., Callahan, D., Campagnari, C., Dahmes, B., Hale, D., Hart, P., Kyre, S., Levy, S., Long, O., Mazur, et al
ELSEVIER SCIENCE BV.2003: 1–5
- **Limits on D^0 - $(D^0 \overline{D}^0)$ mixing and CP violation from the ratio of lifetimes for decay to $K \pi^+$, $K \pi^0$, and $\pi^0 \pi^+$** *PHYSICAL REVIEW LETTERS*
Aubert, B., Barate, R., Boutigny, D., Gaillard, J. M., Hicheur, A., Karyotakis, Y., Lees, J. P., Robbe, P., Tisserand, V., Zghiche, A., Palano, A., Pompili, A., Chen, et al
2003; 91 (12)

- **Rare B decays into states containing a J/psi meson and a meson with s(s)over-bar quark content** *PHYSICAL REVIEW LETTERS*
Aubert, B., Boutigny, D., Gaillard, J. M., Hicheur, A., Karyotakis, Y., Lees, J. P., Robbe, P., Tisserand, V., Zghiche, A., Palano, A., Pompili, A., Chen, J. C., Qi, et al
2003; 91 (7)
- **Study of time-dependent CP asymmetry in neutral B decays to J/psi pi(0)** *PHYSICAL REVIEW LETTERS*
Aubert, B., Barate, R., Boutigny, D., Gaillard, J. M., Hicheur, A., Karyotakis, Y., Lees, J. P., Robbe, P., Tisserand, V., Zghiche, A., Palano, A., Pompili, A., Chen, et al
2003; 91 (6)
- **Measurements of the branching fractions and bounds on the charge asymmetries of charmless three-body charged B decays** *PHYSICAL REVIEW LETTERS*
Aubert, B., Barate, R., Boutigny, D., Gaillard, J. M., Hicheur, A., Karyotakis, Y., Lees, J. P., Robbe, P., Tisserand, V., Zghiche, A., Palano, A., Pompili, A., Chen, et al
2003; 91 (5)
- **Observation of the decay B-+/- -> pi(+/-)pi(0), study of B-+/- -> K-+/-pi(0), and search for B-0 -> pi(0)pi(0)** *PHYSICAL REVIEW LETTERS*
Aubert, B., Barate, R., Boutigny, D., Gaillard, J. M., Hicheur, A., Karyotakis, Y., Lees, J. P., Robbe, P., Tisserand, V., Zghiche, A., Palano, A., Pompili, A., Chen, et al
2003; 91 (2)
- **Observation of a narrow meson state decaying to D-s(+)(pi(0)) at a mass of 2.32 GeV/c(2)** *PHYSICAL REVIEW LETTERS*
Aubert, B., Barate, R., Boutigny, D., Gaillard, J. M., Hicheur, A., Karyotakis, Y., Lees, J. P., Robbe, P., Tisserand, V., Zghiche, A., Palano, A., Pompili, A., Chen, et al
2003; 90 (24)
- **Evidence for B+ -> J/psi p(Lambda)over-bar and search for B-0 -> J/psi p(p)over-bar** *PHYSICAL REVIEW LETTERS*
Aubert, B., Barate, R., Boutigny, D., Gaillard, J. M., Hicheur, A., Karyotakis, Y., Lees, J. P., Robbe, P., Tisserand, V., Zghiche, A., Palano, A., Pompili, A., Chen, et al
2003; 90 (23)
- **Measurement of the branching fraction, and bounds on the CP-violating asymmetries, of neutral B decays to (DD -/+)-D-*+/-** *PHYSICAL REVIEW LETTERS*
Aubert, B., Barate, R., Boutigny, D., Gaillard, J. M., Hicheur, A., Karyotakis, Y., Lees, J. P., Robbe, P., Tisserand, V., Zghiche, A., Palano, A., Pompili, A., Chen, et al
2003; 90 (22)
- **Measurement of the Cabibbo-Kobayashi-Maskawa matrix element vertical bar V-ub vertical bar with B -> pe nu decays** *PHYSICAL REVIEW LETTERS*
Aubert, B., Barate, R., Boutigny, D., Gaillard, J. M., Hicheur, A., Karyotakis, Y., Lees, J. P., Robbe, P., Tisserand, V., Zghiche, A., Palano, A., Pompili, A., Chen, et al
2003; 90 (18)
- **Study of the rare decays B-0 -> D-s(*)pi(-) and B-0 -> Ds(*)K+** *PHYSICAL REVIEW LETTERS*
Aubert, B., Boutigny, D., Gaillard, J. M., Hicheur, A., Karyotakis, Y., Lees, J. P., Robbe, P., Tisserand, V., Zghiche, A., Palano, A., Pompili, A., Chen, J. C., Qi, et al
2003; 90 (18)
- **Measurement of B-0 -> D-s(*)D+*(-) branching fractions and B-0 -> D-s*D+*(-) polarization with a partial reconstruction technique** *PHYSICAL REVIEW D*
Aubert, B., Barate, R., Boutigny, D., Gaillard, J. M., Hicheur, A., Karyotakis, Y., Lees, J. P., Robbe, P., Tisserand, V., Zghiche, A., Palano, A., Pompili, A., Chen, et al
2003; 67 (9)
- **Measurement of the B-0 meson lifetime with partial reconstruction of B-0 -> D*(-)pi(+) and B-0 -> D*(-)rho(+) decays** *PHYSICAL REVIEW D*
Aubert, B., Barate, R., Boutigny, D., Gaillard, J. M., Hicheur, A., Karyotakis, Y., Lees, J. P., Robbe, P., Tisserand, V., Zghiche, A., Palano, A., Pompili, A., Chen, et al
2003; 67 (9)
- **Simultaneous measurement of the B-0 meson lifetime and mixing frequency with B-0 -> D*(-)l(+)nu(l) decays** *PHYSICAL REVIEW D*
Aubert, B., Barate, R., Boutigny, D., Gaillard, J. M., Hicheur, A., Karyotakis, Y., Lees, J. P., Robbe, P., Tisserand, V., Zghiche, A., Palano, A., Pompili, A., Chen, et al
2003; 67 (7)

- **Performance of the BABAR silicon vertex tracker** *10th International Workshop on Vertex Detectors*
Re, V., Borean, C., Bozzi, C., Carassiti, V., Ramusino, A. C., Piemontese, L., Breon, A. B., Brown, D., Clark, A. R., Goozen, F., Hernikl, C., Kerth, L. T., Gritsan, et al
ELSEVIER SCIENCE BV.2003: 14–21
- **Measurement of the $B-0 \rightarrow J/\psi \pi^+\pi^-$ branching fraction** *PHYSICAL REVIEW LETTERS*
Aubert, B., Boutigny, D., Gaillard, J. M., Hicheur, A., Karyotakis, Y., Lees, J. P., Robbe, P., Tisserand, V., Zghiche, A., Palano, A., Pompili, A., Chen, J. C., Qi, et al
2003; 90 (9)
- **Measurement of the branching fraction for inclusive semileptonic B meson decays** *PHYSICAL REVIEW D*
Aubert, B., Boutigny, D., Gaillard, J. M., Hicheur, A., Karyotakis, Y., Lees, J. P., Robbe, P., Tisserand, V., Zghiche, A., Palano, A., Pompili, A., Chen, J. C., Qi, et al
2003; 67 (3)
- **Study of inclusive production of charmonium mesons in B decays** *PHYSICAL REVIEW D*
Aubert, B., Boutigny, D., Gaillard, J. M., Hicheur, A., Karyotakis, Y., Lees, J. P., Robbe, P., Tisserand, V., Zghiche, A., Palano, A., Pompili, A., Chen, J. C., Qi, et al
2003; 67 (3)
- **Measurements of branching fractions and CP-violating asymmetries in $B-0 \rightarrow \pi^+\pi^-$, $K^+\pi^-$, $K+K^-$ decays** *PHYSICAL REVIEW LETTERS*
Aubert, B., Boutigny, D., Gaillard, J. M., Hicheur, A., Karyotakis, Y., Lees, J. P., Robbe, P., Tisserand, V., Zghiche, A., Palano, A., Pompili, A., Chen, J. C., Qi, et al
2002; 89 (28)
- **The BaBar silicon-vertex tracker: Performance, running experience, and radiation-damage studies** *39th Annual International Nuclear and Space Radiation Effects Conference (NSREC)*
Re, V., Borean, C., Bozzi, C., Carassiti, V., Ramusino, A. C., Piemontese, L., Breon, A. B., Brown, D., Clark, A. R., Goozen, F., Hernikl, C., Kerth, L. T., Gritsan, et al
IEEE-INST ELECTRICAL ELECTRONICS ENGINEERS INC.2002: 3284–89
- **Measurement of the CP asymmetry amplitude $\sin 2\beta$ with B-0 mesons** *PHYSICAL REVIEW LETTERS*
Aubert, B., Boutigny, D., Gaillard, J. M., Hicheur, A., Karyotakis, Y., Lees, J. P., Robbe, P., Tisserand, V., Zghiche, A., Palano, A., Pompili, A., Chen, J. C., Qi, et al
2002; 89 (20)
- **Dalitz plot analysis of the decay $D^+ \rightarrow K^- \pi^+ \pi^+$ and indication of a low-mass scalar $K \pi$ resonance** *PHYSICAL REVIEW LETTERS*
Aitala, E. M., Amato, S., Anjos, J. C., Appel, J. A., Ashery, D., Banerjee, S., Bediaga, I., Blaylock, G., Bracker, S. B., Burchat, P. R., Burnstein, R. A., Carter, T., Carvalho, et al
2002; 89 (12)
- **Measurement of the branching fraction and CP content for the decay $B-0 \rightarrow D^*+D^{*-}$** *PHYSICAL REVIEW LETTERS*
Aubert, B., Boutigny, D., Gaillard, J. M., Hicheur, A., Karyotakis, Y., Lees, J. P., Robbe, P., Tisserand, V., Zghiche, A., Palano, A., Pompili, A., Chen, G. P., Chen, et al
2002; 89 (6)
- **Study of time-dependent CP-violating asymmetries and flavor oscillations in neutral B decays at the Upsilon(4S)** *PHYSICAL REVIEW D*
Aubert, B., Boutigny, D., Gaillard, J. M., Hicheur, A., Karyotakis, Y., Lees, J. P., Robbe, P., Tisserand, V., Palano, A., Pompili, A., Chen, G. P., Chen, J. C., Qi, et al
2002; 66 (3)
- **Differential cross sections, charge production asymmetry, and spin-density matrix elements for $D^{*+/-}(2010)$ produced in 500 GeV/c π^- -nucleon interactions** *PHYSICS LETTERS B*
Aitala, E. M., Amato, S., Anjos, J. C., Appel, J. A., Ashery, D., Banerjee, S., Bediaga, I., Blaylock, G., Bracker, S. B., Burchat, P. R., Burnstein, R. A., Carter, T., Carvalho, et al
2002; 539 (3-4): 218-226
- **Review of particle physics** *PHYSICAL REVIEW D*
Hagiwara, K., Hikasa, K., Nakamura, K., Tanabashi, M., Aguilar-Benitez, M., Amsler, C., Barnett, R. M., Burchat, P. R., Carone, C. D., Caso, C., Conforto, G., Dahl, O., Doser, et al
2002; 66 (1)

- **Measurement of the B-0 lifetime with partially reconstructed B-0 -> D(-)l(+)-nu(l) decays** *PHYSICAL REVIEW LETTERS*
Aubert, B., Boutigny, D., Gaillard, J. M., Hicheur, A., Karyotakis, Y., Lees, J. P., Robbe, P., Tisserand, V., Zghiche, A., Palano, A., Pompili, A., Chen, G. P., Chen, et al
2002; 89 (1)
- **Search for the rare decays B -> Kl(+)- and B -> K*l(+)-** *PHYSICAL REVIEW LETTERS*
Aubert, B., Boutigny, D., Gaillard, J. M., Hicheur, A., Karyotakis, Y., Lees, J. P., Robbe, P., Tisserand, V., Palano, A., Pompili, A., Chen, G. P., Chen, J. C., Qi, et al
2002; 88 (24)
- **Search for T and CP violation in B-0-(B)over-bar(0) mixing with inclusive dilepton events** *PHYSICAL REVIEW LETTERS*
Aubert, B., Boutigny, D., Gaillard, J. M., Hicheur, A., Karyotakis, Y., Lees, J. P., Robbe, P., Tisserand, V., Zghiche, A., Palano, A., Pompili, A., Chen, G. P., Chen, et al
2002; 88 (23)
- **Measurement of B-0-(B)over-bar(0) flavor oscillations in hadronic B-0 decays** *PHYSICAL REVIEW LETTERS*
Aubert, B., Boutigny, D., Gaillard, J. M., Hicheur, A., Karyotakis, Y., Lees, J. P., Robbe, P., Tisserand, V., Palano, A., Pompili, A., Chen, G. P., Chen, J. C., Qi, et al
2002; 88 (22)
- **Measurement of the B-0-(B)over-bar(0) oscillation frequency with inclusive dilepton events** *PHYSICAL REVIEW LETTERS*
Aubert, B., Boutigny, D., Gaillard, J. M., Hicheur, A., Karyotakis, Y., Lees, J. P., Robbe, P., Tisserand, V., Palano, A., Pompili, A., Chen, G. P., Chen, J. C., Qi, et al
2002; 88 (22)
- **The BaBar silicon vertex tracker, performance and running experience** *5th International Conference on Large Scale Applications and Radiation Hardness of Semiconductor Detectors*
Re, V., Borean, C., Bozzi, C., Carassiti, V., Ramusino, A. C., Piemontese, L., Breon, A. B., Brown, D., Clark, A. R., Goozen, F., Hernikl, C., Kerth, L. T., Gritsan, et al
ELSEVIER SCIENCE BV.2002: 10-14
- **Study of B-+/- -> J/psi pi(+/-) and B-+/- -> J/psi K-+/- decays: Measurement of the ratio of branching fractions and search for direct CP-violating charge asymmetries** *PHYSICAL REVIEW D*
Aubert, B., Boutigny, D., Gaillard, J. M., Hicheur, A., Karyotakis, Y., Lees, J. P., Robbe, P., Tisserand, V., Palano, A., Pompili, A., Chen, G. P., Chen, J. C., Qi, et al
2002; 65 (9)
- **Measurement of D-s(+) and D-s(*+) production in B meson decays and from continuum e(+)-e(-) annihilation at root s=10.6 GeV** *PHYSICAL REVIEW D*
Aubert, B., Boutigny, D., Gaillard, J. M., Hicheur, A., Karyotakis, Y., Lees, J. P., Robbe, P., Tisserand, V., Palano, A., Pompili, A., Chen, G. P., Chen, J. C., Qi, et al
2002; 65 (9)
- **Measurement of B -> K-* gamma branching fractions and charge asymmetries** *PHYSICAL REVIEW LETTERS*
Aubert, B., Boutigny, D., Gaillard, J. M., Hicheur, A., Karyotakis, Y., Lees, J. P., Robbe, P., Tisserand, V., Palano, A., Chen, G. P., Chen, J. C., Qi, N. D., Rong, et al
2002; 88 (10)
- **Study of CP-violating asymmetries in B-0 -> pi(+) pi(-), K+ pi(-) decays** *PHYSICAL REVIEW D*
Aubert, B., Boutigny, D., Gaillard, J. M., Hicheur, A., Karyotakis, Y., Lees, J. P., Robbe, P., Tisserand, V., Palano, A., Pompili, A., Chen, G. P., Chen, J. C., Qi, et al
2002; 65 (5)
- **Direct CP violation searches in charmless hadronic B meson decays** *PHYSICAL REVIEW D*
Aubert, B., Boutigny, D., Gaillard, J. M., Hicheur, A., Karyotakis, Y., Lees, J. P., Robbe, P., Tisserand, V., Palano, A., Pompili, A., Chen, G. P., Chen, J. C., Qi, et al
2002; 65 (5)
- **The BABAR detector** *NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION A-ACCELERATORS SPECTROMETERS DETECTORS AND ASSOCIATED EQUIPMENT*
Aubert, B., Bazan, A., Boucham, A., Boutigny, D., De Bonis, I., Favier, J., Gaillard, J. M., Jeremie, A., Karyotakis, Y., Le Flour, T., Lees, J. P., Lieunard, S., Petitpas, et al

2002; 479 (1): 1-116

- **Measurement of the branching fractions for $\psi(2S) \rightarrow e^+e^-$ and $\psi(2S) \rightarrow \mu^+\mu^-$** *PHYSICAL REVIEW D*
Aubert, B., Boutigny, D., Gaillard, J. M., Hicheur, A., Karyotakis, Y., Lees, J. P., Robbe, P., Tisserand, V., Palano, A., Pompili, A., Chen, G. P., Chen, J. C., Qi, et al
2002; 65 (3)
- **Performance of the BABAR Silicon Vertex Tracker** *7th International Conference on Advanced Technology and Particle Physics*
Re, V., Borean, C., Bozzi, C., Carassiti, V., Ramusino, A. C., Piemontese, L., Breon, A. B., Brown, D., Clark, A. R., Goozen, F., Hernikl, C., Kerth, L. T., Gritsan, et al
WORLD SCIENTIFIC PUBL CO PTE LTD.2002: 154-158
- **The BaBar Silicon Vertex Tracker: Performance, running experience and radiation damage studies** *IEEE Nuclear Science Symposium*
Re, V., Borean, C., Bozzi, C., Carassiti, V., Ramusino, A. C., Piemontese, L., Breon, A. B., Brown, D., Clark, A. R., Goozen, F., Hernikl, C., Kerth, L. T., Gritsan, et al
IEEE.2002: 540-544
- **Search for the decay $B^0 \rightarrow \gamma\gamma$** *PHYSICAL REVIEW LETTERS*
Aubert, B., Boutigny, D., Gaillard, J. M., Hicheur, A., Karyotakis, Y., Lees, J. P., Robbe, P., Tisserand, V., Palano, A., Chen, G. P., Chen, J. C., Qi, N. D., Rong, et al
2001; 87 (24)
- **Study of the decay $D^0 \rightarrow K^+K^-\pi^+$** *PHYSICAL REVIEW D*
Aitala, E. M., Amato, S., Anjos, J. C., Appel, J. A., Ashery, D., Banerjee, S., Bediaga, I., Blaylock, G., Bracker, S. B., Burchat, P. R., Burnstein, R. A., Carter, T., Carvalho, et al
2001; 64 (11)
- **Measurements of the branching fractions of exclusive charmless B meson decays with η' or omega mesons** *PHYSICAL REVIEW LETTERS*
Aubert, B., Boutigny, D., Gaillard, J. M., Hicheur, A., Karyotakis, Y., Lees, J. P., Robbe, P., Tisserand, V., Palano, A., Chen, G. P., Chen, J. C., Qi, N. D., Rong, et al
2001; 87 (22)
- **Measurement of the B-0 and B+ meson lifetimes with fully reconstructed hadronic final states** *PHYSICAL REVIEW LETTERS*
Aubert, B., Boutigny, D., Gaillard, J. M., Hicheur, A., Karyotakis, Y., Lees, J. P., Robbe, P., Tisserand, V., Palano, A., Chen, G. P., Chen, J. C., Qi, N. D., Rong, et al
2001; 87 (20)
- **First-year experience with the BaBar silicon vertex tracker** *9th International Workshop on Vertex Detectors*
Bozzia, C., Carassiti, V., Ramusino, A. C., Dittongo, S., Folegani, M., Piemontese, L., Abbott, B. K., Breon, A. B., Clark, A. R., Dow, S., Fan, Q., Goozen, F., Hernikl, et al
ELSEVIER SCIENCE BV.2001: 7-16
- **Measurement of J/psi production in continuum e^+e^- annihilations near $\sqrt{s}=10.6$ GeV** *PHYSICAL REVIEW LETTERS*
Aubert, B., Boutigny, D., Gaillard, J. M., Hicheur, A., Karyotakis, Y., Lees, J. P., Robbe, P., Tisserand, V., Palano, A., Chen, G. P., Chen, J. C., Qi, N. D., Rong, et al
2001; 87 (16)
- **Measurement of the decays $B \rightarrow \phi K$ and $B \rightarrow \phi K - 151801$** *PHYSICAL REVIEW LETTERS*
Aubert, B., Boutigny, D., Gaillard, J. M., Hicheur, A., Karyotakis, Y., Lees, J. P., Robbe, P., Tisserand, V., Palano, A., Chen, G. P., Chen, J. C., Qi, N. D., Rong, et al
2001; 87 (15)
- **Measurement of branching fractions and search for CP-violating charge asymmetries in charmless two-body B decays into pions and kaons** *PHYSICAL REVIEW LETTERS*
Aubert, B., Boutigny, D., Gaillard, J. M., Hicheur, A., Karyotakis, Y., Lees, J. P., Robbe, P., Tisserand, V., Palano, A., Chen, G. P., Chen, J. C., Qi, N. D., Rong, et al
2001; 87 (15)
- **Observation of CP violation in the B-0 meson system** *PHYSICAL REVIEW LETTERS*
Aubert, B., Boutigny, D., Gaillard, J. M., Hicheur, A., Karyotakis, Y., Lees, J. P., Robbe, P., Tisserand, V., Palano, A., Chen, G. P., Chen, J. C., Qi, N. D., Rong, et al
2001; 87 (9)

- **Direct measurement of the pion valence-quark momentum distribution, the pion light-cone wave function squared** *PHYSICAL REVIEW LETTERS*
Aitala, E. M., Amato, S., Anjos, J. C., Appel, J. A., Ashery, D., Banerjee, S., Bediaga, I., Blaylock, G., Bracker, S. B., Burchat, P. R., Burnstein, R. A., Carter, T., Carvalho, et al
2001; 86 (21): 4768-4772
- **Observation of color-transparency in diffractive dissociation of pions** *PHYSICAL REVIEW LETTERS*
Aitala, E. M., Amato, S., Anjos, J. C., Appel, J. A., Ashery, D., Banerjee, S., Bediaga, I., Blaylock, G., Bracker, S. B., Burchat, P. R., Burnstein, R. A., Carter, T., Carvalho, et al
2001; 86 (21): 4773-4777
- **Search for rare and forbidden charm meson decays $D^0 \rightarrow V_l^{(+)} l^{(-)}$ and $hhll$** *PHYSICAL REVIEW LETTERS*
Aitala, E. M., Amato, S., Anjos, J. C., Appel, J. A., Ashery, D., Banerjee, S., Bediaga, I., Blaylock, G., Bracker, S. B., Burchat, P. R., Burnstein, R. A., Carter, T., Carvalho, et al
2001; 86 (18): 3969-3972
- **The BaBar Silicon Vertex Tracker** *8th Pisa Meeting on Advanced Detectors*
Bozzi, C., Carassiti, V., Ramusino, A. C., Dittongo, S., Folegani, M., Piemontese, L., Abbott, B. K., Breon, A. B., Clark, A. R., Dow, S., Fan, Q., Goozen, F., Hernikl, et al
ELSEVIER SCIENCE BV.2001: 162-67
- **Measurement of CP-violating asymmetries in B^0 decays to CP eigenstates** *PHYSICAL REVIEW LETTERS*
Aubert, B., Boutigny, D., De Bonis, I., Gaillard, J. M., Jeremie, K., Karyotakis, Y., Lees, J. P., Robbe, P., Tisserand, V., Palano, A., Chen, G. P., Chen, J. C., Qi, et al
2001; 86 (12): 2515-2522
- **Study of the $D^*(+) \rightarrow \pi^0 \pi^+ \pi^+$ decay and measurement of $f(0)$ masses and widths** *PHYSICAL REVIEW LETTERS*
Aitala, E. M., Amato, S., Anjos, J. C., Appel, J. A., Ashery, D., Banerjee, S., Bediaga, I., Blaylock, G., Bracker, S. B., Burchat, P. R., Burnstein, R. A., Carter, T., Carvalho, et al
2001; 86 (5): 765-769
- **Experimental evidence for a light and broad scalar resonance in $D^+ \rightarrow \pi^0 \pi^+ \pi^+$ decay** *PHYSICAL REVIEW LETTERS*
Aitala, E. M., Amato, S., Anjos, J. C., Appel, J. A., Ashery, D., Banerjee, S., Bediaga, I., Blaylock, G., Bracker, S. B., Burchat, P. R., Burnstein, R. A., Carter, T., Carvalho, et al
2001; 86 (5): 770-774
- **Asymmetries in the production of $\Lambda(0)$, $\Xi(-)$, and $\Omega(-)$ hyperons in 500 GeV/c π^0 -nucleon interactions** *PHYSICS LETTERS B*
Aitala, E. M., Amato, S., Anjos, J. C., Appel, J. A., Ashery, D., Banerjee, S., Bediaga, I., Blaylock, G., Bracker, S. B., Burchat, P. R., Burnstein, R. A., Carter, T., Carvalho, et al
2000; 496 (1-2): 9-18
- **Asymmetries in the production of $\Lambda^+(c)$ and $\Lambda^-(c)$ baryons in 500 GeV/c π^0 nucleon interactions** *PHYSICS LETTERS B*
Aitala, E. M., Amato, S., Anjos, J. C., Appel, J. A., Ashery, D., Banerjee, S., Bediaga, I., Blaylock, G., Bracker, S. B., Burchat, P. R., Burnstein, R. A., Carter, T., Carvalho, et al
2000; 495 (1-2): 42-48
- **The BaBar silicon vertex tracker** *7th International Conference on Instrumentation for Colliding Beam Physics (INSTR99)*
Bozzi, C., Carassiti, V., Ramusino, A. C., Dittongo, S., Folegani, M., Piemontese, L., Abbott, B. K., Breon, A. B., Clark, A. R., Dow, S., Fan, Q., Goozen, F., Hernikl, et al
ELSEVIER SCIENCE BV.2000: 78-83
- **Review of Particle Physics** *EUROPEAN PHYSICAL JOURNAL C*
Groom, D. E., Aguilar-Benitez, M., Amsler, C., Barnett, R. M., Burchat, P. R., Carone, C. D., Caso, C., Conforto, G., Dahl, O., Doser, M., Eidelman, S., Feng, J. L., Gibbons, et al
2000; 15 (1-4): 1-878
- **The design and construction of the BaBar silicon vertex tracker** *8th International Workshop on Vertex Detectors (VERTEX 99)*
Bozzi, C., Carassiti, V., Ramusino, A. C., Dittongo, S., Folegani, M., Piemontese, L., Abbott, B. K., Breon, A. B., Clark, A. R., Dow, S., Fan, Q., Goozen, F., Hernikl, et al
ELSEVIER SCIENCE BV.2000: 15-25
- **Multidimensional resonance analysis of $\Lambda^+(c) \rightarrow pK^- \pi^+$** *PHYSICS LETTERS B*

- Aitala, E. M., Amato, S., Anjos, J. C., Appel, J. A., Ashery, D., Banerjee, S., Bediaga, I., Blaylock, G., Bracker, S. B., Burchat, P. R., Burnstein, R. A., Carter, T., Carvalho, et al
2000; 471 (4): 449-459
- **The BaBar silicon vertex tracker** *7th International Workshop on Vertex Detectors (VERTEX 98)*
Bozzi, C., Carassiti, V., Ramusino, A. C., Dittongo, S., Folegani, M., Piemontese, L., Abbott, B. K., Breon, A. B., Clark, A. R., Dow, S., Fan, Q., Goozen, F., Hernikl, et al
ELSEVIER SCIENCE BV.1999: 25-33
 - **Search for rare and forbidden dilepton decays of the D+, D-s(+), and D-0 charmed mesons** *PHYSICS LETTERS B*
Aitala, E. M., Amato, S., Anjos, J. C., Appel, J. A., Ashery, D., Banerjee, S., Bediaga, I., Blaylock, G., Bracker, S. B., Burchat, P. R., Burnstein, R. A., Carter, T., Carvalho, et al
1999; 462 (3-4): 401-409
 - **Total forward and differential cross sections of neutral D mesons produced in 500 GeV/c pi(-)-nucleon interactions** *PHYSICS LETTERS B*
Aitala, E. M., Amato, S., Anjos, J. C., Appel, J. A., Ashery, D., Banerjee, S., Bediaga, I., Blaylock, G., Bracker, S. B., Burchat, P. R., Burnstein, R. A., Carter, T., Carvalho, et al
1999; 462 (1-2): 225-236
 - **Measurements of lifetimes and a limit on the lifetime difference in the neutral D-Meson system** *PHYSICAL REVIEW LETTERS*
Aitala, E. M., Amato, S., Anjos, J. C., Appel, J. A., Ashery, D., Banerjee, S., Bediaga, I., Blaylock, G., Bracker, S. B., Burchat, P. R., Burnstein, R. A., Carter, T., Carvalho, et al
1999; 83 (1): 32-36
 - **Measurement of the form-factor ratios for D-s(+)->phi l(+)-nu(l)** *PHYSICS LETTERS B*
Aitala, E. M., Amato, S., Anjos, J. C., Appel, J. A., Ashery, D., Banerjee, S., Bediaga, I., Blaylock, G., Bracker, S. B., Burchat, P. R., Burnstein, R. A., Carter, T., Carvalho, et al
1999; 450 (1-3): 294-300
 - **Search for the pentaquark via the P-(c)over-bars(0)-> K*(0)K(-)p decay** *PHYSICS LETTERS B*
Aitala, E. M., Amato, S., Anjos, J. C., Appel, J. A., Ashery, D., Banerjee, S., Bediaga, I., Blaylock, G., Bracker, S. B., Burchat, P. R., Burnstein, R. A., Carter, T., Carvalho, et al
1999; 448 (3-4): 303-310
 - **Measurement of the Ds lifetime** *PHYSICS LETTERS B*
Aitala, E. M., Amato, S., Anjos, J. C., Appel, J. A., Ashery, D., Banerjee, S., Bediaga, I., Blaylock, G., Bracker, S. B., Burchat, P. R., Burnstein, R. A., Carter, T., Carvalho, et al
1999; 445 (3-4): 449-454
 - **Measurement of the form-factor ratios for D+-(K)over-bar(star 0)l(+)-nu(l)** *PHYSICS LETTERS B*
Aitala, E. M., Amato, S., Anjos, J. C., Appel, J. A., Ashery, D., Banerjee, S., Bediaga, I., Blaylock, G., Bracker, S. B., Burchat, P., Burnstein, R. A., Carter, T., Carvalho, et al
1998; 440 (3-4): 435-441
 - **Search for the pentaquark via the P-0(cs)over-bar ->phi pi p decay** *PHYSICAL REVIEW LETTERS*
Aitala, E. M., Amato, S., Anjos, J. C., Appel, J. A., Ashery, D., Banerjee, S., Bediaga, I., Blaylock, G., Bracker, S. B., Burchat, P. R., Burnstein, R. A., Carter, T., Carvalho, et al
1998; 81 (1): 44-48
 - **Review of Particle Physics** *EUROPEAN PHYSICAL JOURNAL C*
Caso, C., Conforto, G., Gurtu, A., Aguilar-Benitez, M., Amsler, C., Barnett, R. M., Burchat, P. R., Carone, C. D., Dahl, O., Doser, M., Eidelman, S., Feng, J. L., Goodman, et al
1998; 3 (1-4): 1-?
 - **Study of the decay D-0 -> K-K+pi(-)pi(-)** *PHYSICS LETTERS B*
Aitala, E. M., Amato, S., Anjos, J. C., Appel, J. A., Ashery, D., Banerjee, S., Bediaga, I., Blaylock, G., Bracker, S. B., Burchat, P. R., Burnstein, R. A., Carter, T., Carvalho, et al
1998; 423 (1-2): 185-193
 - **Branching fractions for D-0 -> K+K- and D-0 ->pi(+)-pi(-), and a search for CP violation in D-0 decays** *PHYSICS LETTERS B*
Aitala, E. M., Amato, S., Anjos, J. C., Appel, J. A., Ashery, D., Banerjee, S., Bediaga, I., Blaylock, G., Bracker, S. B., Burchat, P. R., Burnstein, R. A., Carter, T., Carvalho, et al

1998; 421 (1-4): 405-411

- **Measurement of the form-factor ratios for $D^{+-} \rightarrow (\overline{K}^0 e^+ \nu_e)$** *PHYSICAL REVIEW LETTERS*
Aitala, E. M., Amato, S., Anjos, J. C., Appel, J. A., Ashery, D., Banerjee, S., Bediaga, I., Blaylock, G., Bracker, S. B., Burchat, P. R., Burnstein, R. A., Carter, T., Carvalho, et al
1998; 80 (7): 1393-1397
- **Search for $D-0 \rightarrow (\overline{D}^0)$ mixing and doubly-Cabibbo-suppressed decays of the $D-0$ in hadronic final states** *PHYSICAL REVIEW D*
Aitala, E. M., Amato, S., Anjos, J. C., Appel, J. A., Ashery, D., Banerjee, S., Bediaga, I., Blaylock, G., Bracker, S. B., Burchat, P. R., Burnstein, R. A., Carter, T., Carvalho, et al
1998; 57 (1): 13-27
- **Asymmetries between the production of $D-s(-)$ and $D-s(+)$ mesons from 500 GeV/c $\pi(-)$ nucleon interaction as functions of $x(F)$ and $p(t)(2)$** *PHYSICS LETTERS B*
Aitala, E. M., Amato, S., Anjos, J. C., Appel, J. A., Ashery, D., Banerjee, S., Bediaga, I., Blaylock, G., Bracker, S. B., Burchat, P. R., Burnstein, R. A., Carter, T., Carvalho, et al
1997; 411 (1-2): 230-236
- **Measurement of the neutron spin structure function $g(2)(n)$ and asymmetry $A(2)(n)$** *PHYSICS LETTERS B*
Abe, K., Akagi, T., Anderson, B. D., Anthony, P. L., Arnold, R. G., Averett, T., Band, H. R., Berisso, C. M., BOGORAD, P., Borel, H., Bosted, P. E., Breton, V., Buenerd, et al
1997; 404 (3-4): 377-382
- **The doubly Cabibbo-suppressed decay $D^{+-} \rightarrow K^+ \pi^0 \pi^0$** *PHYSICS LETTERS B*
Aitala, E. M., Amato, S., Anjos, J. C., Appel, J. A., Ashery, D., Banerjee, S., Bediaga, I., Blaylock, G., Bracker, S. B., Burchat, P. R., Burnstein, R. A., Carter, T., Carvalho, et al
1997; 404 (1-2): 187-193
- **Observation of $D-\pi$ production correlations in 500 GeV $\pi(-)-N$ interactions** *PHYSICS LETTERS B*
Aitala, E. M., Amato, S., Anjos, J. C., Appel, J. A., Ashery, D., Banerjee, S., Bediaga, I., Blaylock, G., Bracker, S. B., Burchat, P. R., Burnstein, R. A., Carter, T., Carvalho, et al
1997; 403 (1-2): 185-190
- **Measurement of the branching ratio $B(D^{+-} \rightarrow \rho^0 l^+ \nu_l) / B(D^{+-} \rightarrow (\overline{K}^0 l^+ \nu_l))$** *PHYSICS LETTERS B*
Aitala, E. M., Amato, S., Anjos, J. C., Appel, J. A., Ashery, D., Banerjee, S., Bediaga, I., Blaylock, G., Bracker, S. B., Burchat, P. R., Burnstein, R. A., Carter, T., Carvalho, et al
1997; 397 (3-4): 325-332
- **Search for $D-0 \rightarrow (\overline{D}^0)$ mixing in semileptonic decay modes** *PHYSICAL REVIEW LETTERS*
Aitala, E. M., Amato, S., Anjos, J. C., Appel, J. A., Ashery, D., Banerjee, S., Bediaga, I., Blaylock, G., Bracker, S. B., Burchat, P. R., Burnstein, R. A., Carter, T., Carvalho, et al
1996; 77 (12): 2384-2387
- **Particle physics summary** *REVIEWS OF MODERN PHYSICS*
Barnett, R. M., Carone, C. D., Groom, D. E., Trippe, T. G., Wohl, C. G., Armstrong, B., Gee, P. S., WAGMAN, G. S., James, F., Mangano, M., Monig, K., Montanet, L., Feng, et al
1996; 68 (3): 611-732
- **Particles and field .I. Review of particle physics** *PHYSICAL REVIEW D*
Barnett, R. M., Carone, C. D., Groom, D. E., Trippe, T. G., Wohl, C. G., Armstrong, B., Gee, P. S., WAGMAN, G. S., James, F., Mangano, M., Monig, K., Montanet, L., Feng, et al
1996; 54 (1): 1-?
- **Mass splitting and production of $\Sigma(0)(c)$ and $\Sigma^{++}(c)$ measured in 500 GeV $\pi(-)-N$ interactions** *PHYSICS LETTERS B*
Aitala, E. M., Amato, S., Anjos, J. C., Appel, J. A., Ashery, D., Banerjee, S., Bediaga, L., Blaylock, G., Bracker, S. B., Burchat, P. R., Burnstein, R. A., Carter, T., Carvalho, et al
1996; 379 (1-4): 292-298
- **Asymmetries between the production of D^+ and D^- mesons from 500 GeV/c $\pi(-)-nucleus$ interactions as a function of $x(F)$ and $p(t)(2)$** *PHYSICS LETTERS B*
Aitala, E. M., Amato, S., Anjos, J. C., Appel, J. A., Ashery, D., Banerjee, S., Bediaga, I., Blaylock, G., Bracker, S. B., Burchat, P. R., Burnstein, R. A., Carter, T., Carvalho, et al

- 1996; 371 (1-2): 157-162
- **Search for the flavor-changing neutral-current decays $D^+ \rightarrow \pi^+ \mu^+ \mu^-$ and $D^+ \rightarrow \pi^+ e^+ e^-$** *PHYSICAL REVIEW LETTERS*
Aitala, E. M., Amato, S., Anjos, J. C., Appel, J. A., Ashery, D., Banerjee, S., Bediaga, I., Blaylock, G., Bracker, S. B., Burchat, P. R., Burnstein, R. A., Carter, T., Carvalho, et al
1996; 76 (3): 364-367
 - **Leptonic and semileptonic decays of charm and bottom hadrons** *REVIEWS OF MODERN PHYSICS*
Richman, J. D., Burchat, P. R.
1995; 67 (4): 893-976
 - **Recent results from Fermilab E791 5th Conference on Intersections Between Particle and Nuclear Physics**
Nguyen, A., Aitala, E. M., Amato, S., Anjos, J. C., Appel, J. A., ARYAL, M., Ashery, D., Banerjee, S., Bediaga, I., Blaylock, G., Bracker, S. B., Burchat, P. R., Burnstein, et al
AMER INST PHYSICS.1995: 777-80
 - **Results on D^0 - (D^0) over-bar mixing and doubly Cabibbo-suppressed decays from Fermilab E791 5th Conference on Intersections Between Particle and Nuclear Physics**
Aitala, E. M., Amato, S., Anjos, J. C., Appel, J. A., ARYAL, M., Ashery, D., Banerjee, S., BEDIAGA, J., Blaylock, G., Bracker, S. B., Burchat, P. R., Burnstein, R. A., Carter, et al
AMER INST PHYSICS.1995: 243-48
 - **Results on Charm production from E791, a high statistics charm hadroproduction experiment at Fermilab Hadronic Session on QCD and High Energy Hadronic Interactions, at the XXIXth Rencontre de Moriond**
Banerjee, S., Aitala, E. M., Amato, S., Anjos, J. C., Appel, J. A., ARYAL, M., Ashery, D., Bediaga, I., Blaylock, G., Bracker, S. B., Burchat, P. R., Burnstein, R. A., Carter, et al
EDITIONS FRONTIERES.1994: 393-398
 - **INCLUSIVE CHARGED HADRON AND K_0 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
 - **FERMILAB-E791 26TH INTERNATIONAL CONF ON HIGH ENERGY PHYSICS**
Cremaldi, L. M., Aitala, E. M., Almeida, F. M., Amato, S., Anjos, J. C., Appel, J. A., Ashery, D., Astorga, J., Banerjee, S., Beck, S., Bediaga, I., Blaylock, G., Bracker, et al
AIP PRESS.1993: 1058-1061
 - **STUDIES OF HELIUM BASED DRIFT CHAMBER GASES FOR HIGH-LUMINOSITY LOW-ENERGY MACHINES 6TH INTERNATIONAL WIRE CHAMBER CONF**
Boyarski, A., Briggs, D., Burchat, P. R.
ELSEVIER SCIENCE BV.1992: 267-72
 - **MEASUREMENT OF THE CHARGED MULTIPLICITY OF EVENTS CONTAINING BOTTOM HADRONS AT EC.M.=91 GEV** *PHYSICAL REVIEW D*
Schumm, B. A., Koetke, D. S., ADOLPHSEN, C. E., Alexander, J. P., Averill, D., Barish, B. C., Barklow, T., Barnett, B. A., BLOCKUS, D., Boyarski, A., Brabson, B., Breakstone, A., Bulos, et al
1992; 46 (1): 453-456
 - **STUDIES OF HELIUM GAS-MIXTURES IN DRIFT CHAMBERS** *NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION A-ACCELERATORS SPECTROMETERS DETECTORS AND ASSOCIATED EQUIPMENT*
Burchat, P. R., Hiser, J., Boyarski, A., Briggs, D.
1992; 316 (2-3): 217-222
 - **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
 - **MEASUREMENT OF THE $B\bar{B}$ FRACTION IN HADRONIC Z^0 DECAYS WITH PRECISION VERTEX DETECTORS** *PHYSICAL REVIEW LETTERS*

- Jacobsen, R. G., Koetke, D. S., ADOLPHSEN, C. E., Fujino, D., Schumm, B. A., Wagner, S. R., Alexander, J. P., Averill, D., Barish, B. C., Barklow, T., Barnett, B. A., BLOCKUS, D., Boyarski, et al
1991; 67 (24): 3347-3350
- **ALIGNMENT OF THE SLC FINAL FOCUS SYSTEM USING BEAM ORBITS** *14TH BIENNIAL PARTICLE ACCELERATOR CONF : ACCELERATOR SCIENCE AND TECHNOLOGY*
Chao, Y., LeDiberder, F., Burchat, P., Kozanecki, W., Toge, N.
I E E E.1991: 628-630
 - **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
 - **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
 - **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
 - **SEARCH FOR A NEARLY DEGENERATE LEPTON DOUBLET (L -, L_0)** *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
 - **SEARCHES FOR SUPERSYMMETRIC PARTICLES PRODUCED IN Z-BOSON DECAY** *PHYSICAL REVIEW LETTERS*
Barklow, T., Abrams, G. S., ADOLPHSEN, C. E., Averill, D., Ballam, J., Barish, B. C., Barnett, B. A., Bartelt, J., Bethke, S., BLOCKUS, D., Bonvicini, G., Boyarski, A., Brabson, et al
1990; 64 (25): 2984-2987
 - **DIRECT SEARCH FOR PAIR PRODUCTION OF HEAVY STABLE CHARGED-PARTICLES IN Z-DECAYS** *PHYSICAL REVIEW LETTERS*
Soderstrom, E., McKenna, J. A., Abrams, G. S., ADOLPHSEN, C. E., Averill, D., Ballam, J., Barish, B. C., Barklow, T., Barnett, B. A., Bartelt, J., Bethke, S., BLOCKUS, D., Bonvicini, et al
1990; 64 (25): 2980-2983
 - **SEARCH FOR NONMINIMAL NEUTRAL HIGGS BOSONS FROM Z-BOSON DECAYS** *PHYSICAL REVIEW LETTERS*
Komamiya, S., Abrams, G. S., ADOLPHSEN, C. E., Averill, D., Ballam, J., Barish, B. C., Barklow, T., Barnett, B. A., Bartelt, J., Bethke, S., BLOCKUS, D., Bonvicini, G., Boyarski, et al
1990; 64 (24): 2881-2884
 - **SEARCH FOR DOUBLY CHARGED HIGGS SCALARS IN Z-DECAY** *PHYSICAL REVIEW LETTERS*
Swartz, M., Abrams, G. S., ADOLPHSEN, C. E., Averill, D., Ballam, J., Barish, B. C., Barklow, T., Barnett, B. A., Bartelt, J., Bethke, S., BLOCKUS, D., Bonvicini, G., Boyarski, et al
1990; 64 (24): 2877-2880
 - **SEARCH FOR DECAYS OF THE Z TO UNSTABLE NEUTRAL LEPTONS WITH MASS BETWEEN 2.5 AND 22 GEV** *PHYSICAL REVIEW D*
Burchat, P. R., King, M., Abrams, G. S., ADOLPHSEN, C. E., Averill, D., Ballam, J., Barish, B. C., Barklow, T., Barnett, B. A., Bartelt, J., Bethke, S., BLOCKUS, D., Bonvicini, et al
1990; 41 (11): 3542-3545
 - **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 B_0 - \bar{B}_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

● **MEASUREMENTS OF CHARGED-PARTICLE INCLUSIVE DISTRIBUTIONS IN HADRONIC DECAYS OF THE Z-BOSON** *PHYSICAL REVIEW LETTERS*

Abrams, G. S., ADOLPHSEN, C. E., Averill, D., Ballam, J., Barish, B. C., Barklow, T., Barnett, B. A., Bartelt, J., Bethke, S., BLOCKUS, D., Bonvicini, G., Boyarski, A., Brabson, et al
1990; 64 (12): 1334-1337

● **MEASUREMENT OF THE BBAR FRACTION IN HADRONIC Z DECAYS** *PHYSICAL REVIEW LETTERS*

Kral, J. F., Abrams, G. S., ADOLPHSEN, C. E., Averill, D., Ballam, J., Barish, B. C., Barklow, T., Barnett, B. A., Bartelt, J., Bethke, S., BLOCKUS, D., Bonvicini, G., Boyarski, et al
1990; 64 (11): 1211-1214

● **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

● **SEARCH FOR LONG-LIVED MASSIVE NEUTRINOS IN Z-DECAYS** *PHYSICAL REVIEW LETTERS*

Jung, C. K., VanKooten, R., Abrams, G. S., ADOLPHSEN, C. E., Averill, D., Ballam, J., Barish, B. C., Barklow, T., Barnett, B. A., Bartelt, J., Bethke, S., BLOCKUS, D., Bonvicini, et al
1990; 64 (10): 1091-1094

● **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

● **DETERMINATION OF ALPHA-S FROM A DIFFERENTIAL-JET-MULTIPLICITY DISTRIBUTION IN E+E- COLLISIONS AT SQUARE-ROOT-S=29 AND 91 GEV** *PHYSICAL REVIEW LETTERS*

Komamiya, S., LeDiberder, F., Abrams, G. S., ADOLPHSEN, C. E., Averill, D., Ballam, J., Barish, B. C., Barklow, T., Barnett, B. A., Bartelt, J., Bethke, S., BLOCKUS, D., Bonvicini, et al
1990; 64 (9): 987-990

● **THE SILICON STRIP DETECTOR AT THE MARK-II** *5TH INTERNATIONAL CONF ON INSTRUMENTATION FOR COLLIDING BEAM PHYSICS*

Jacobsen, R., Golubev, V., Luth, V., Barnett, B., Dauncey, P., Matthews, J., Adolphsen, C., Burchat, P., Gratta, G., King, M., Labarga, L., Litke, A., Turala, et al
WORLD SCIENTIFIC PUBL CO PTE LTD.1990: 120-128

● **MEASUREMENT OF Z DECAYS INTO LEPTON PAIRS** *PHYSICAL REVIEW LETTERS*

Abrams, G. S., ADOLPHSEN, C. E., Averill, D., Ballam, J., Barish, B. C., Barklow, T., Barnett, B. A., Bartelt, J., Bethke, S., BLOCKUS, D., Bonvicini, G., Boyarski, A., Brabson, et al
1989; 63 (26): 2780-2783

● **SEARCHES FOR NEW QUARKS AND LEPTONS PRODUCED IN Z-BOSON DECAY** *PHYSICAL REVIEW LETTERS*

Abrams, G. S., ADOLPHSEN, C. E., Averill, D., Ballam, J., Barish, B. C., Barklow, T., Barnett, B. A., Bartelt, J., Bethke, S., BLOCKUS, D., Bonvicini, G., Boyarski, A., Brabson, et al
1989; 63 (22): 2447-2451

● **MEASUREMENTS OF Z-BOSON RESONANCE PARAMETERS IN E+E- ANNIHILATION** *PHYSICAL REVIEW LETTERS*

Abrams, G. S., ADOLPHSEN, C. E., Averill, D., Ballam, J., Barish, B. C., Barklow, T., Barnett, B. A., Bartelt, J., Bethke, S., BLOCKUS, D., Bonvicini, G., Boyarski, A., Brabson, et al
1989; 63 (20): 2173-2176

● **1ST MEASUREMENTS OF HADRONIC DECAYS OF THE Z-BOSON** *PHYSICAL REVIEW LETTERS*

Abrams, G. S., ADOLPHSEN, C. E., Aleksan, R., Alexander, J. P., Averill, D., Ballam, J., Barish, B. C., Barklow, T., Barnett, B. A., Bartelt, J., Bethke, S., BLOCKUS, D., DeBoer, et al
1989; 63 (15): 1558-1561

● **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

- **THE MARK-II DETECTOR FOR THE SLC NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION A-ACCELERATORS SPECTROMETERS DETECTORS AND ASSOCIATED EQUIPMENT**
Abrams, G., ADOLPHSEN, C. E., Akerlof, C., Alexander, J. P., Alvarez, M., Averill, D., Baden, A. R., Ballam, J., Barish, B. C., Barklow, T., Barnett, B. A., Bartelt, J., BLOCKUS, et al
1989; 281 (1): 55-80
- **INITIAL MEASUREMENTS OF Z-BOSON RESONANCE PARAMETERS IN E+E- ANNIHILATION** *PHYSICAL REVIEW LETTERS*
Abrams, G. S., ADOLPHSEN, C. E., Aleksan, R., Alexander, J. P., Allen, M. A., Atwood, W. B., Averill, D., Ballam, J., Bambade, P., Barish, B. C., Barklow, T., Barnett, B. A., Bartelt, et al
1989; 63 (7): 724-727
- **SEARCHES FOR NONMINIMAL HIGGS BOSONS FROM A VIRTUAL-Z DECAYING INTO A MUON PAIR AT THE SLAC 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
- **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
- **LIMITS ON NEW-LEPTON PAIRS (L-,L0) WITH ARBITRARY NEUTRINO MASS** *PHYSICAL REVIEW D*
Stoker, D. P., PERL, M. L., Abrams, G., Baden, A. R., Barklow, T., Barnett, B. A., Boyarski, A. M., Boyer, J., Burchat, P. R., Butler, F., DORFAN, J. M., FELDMAN, G. J., GIDAL, et al
1989; 39 (7): 1811-1824
- **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
- **MEASURING CP VIOLATION IN THE BOBBAR0 SYSTEM WITH ASYMMETRIC-ENERGY E+E- BEAMS** *PHYSICAL REVIEW D*
Aleksan, R., Bartelt, J., Burchat, P. R., Seiden, A.
1989; 39 (5): 1283-1296
- **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
- **ONLINE MONITORING OF DISPERSION FUNCTIONS AND TRANSFER-MATRICES AT THE SLC** *IEEE PARTICLE ACCELERATOR CONF : ACCELERATOR SCIENCE AND TECHNOLOGY*
Emma, P., Fieguth, T. H., Lohse, T., Burchat, P. R., Panvini, R. S.
I E E E.1989: 1599-1601
- **STUDIES OF JET PRODUCTION-RATES IN E+E- ANNIHILATION AT ECM = 29 GEV** *ZEITSCHRIFT FUR PHYSIK C-PARTICLES AND FIELDS*
Bethke, S., Abrams, G., ADOLPHSEN, C. E., Akerlof, C., Alexander, J. P., Alvarez, M., Baden, A. R., Ballam, J., Barish, B. C., Barklow, T., Barnett, B. A., Bartelt, J., BLOCKUS, et al
1989; 43 (3): 325-330
- **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--JPI-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
 - **OBSERVATION OF SPIN-1 F1(1285) IN THE REACTION GAMMA-GAMMA-STAR-JETA-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
 - **EVIDENCE FOR A SPIN-1 RESONANCE IN THE REACTION GAMMA-GAMMA-STAR-JK-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
 - **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
 - **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
- **GROUND-STATE PROPERTIES OF THE PERIODIC ANDERSON MODEL** *PHYSICAL REVIEW LETTERS*
BLANKENBECLER, R., FULCO, J. R., Gill, W., Scalapino, D. J.
1987; 58 (4): 411-414
 - **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--JPI-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--JRHU-NU-TAU AND TAU--JK-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
 - **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
 - **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
 - **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
 - **THE SLAC MARK-II UPGRADE DRIFT CHAMBER FRONT END ELECTRONICS** *IEEE TRANSACTIONS ON NUCLEAR SCIENCE*
Briggs, D., Burchat, P., Dorfan, D., GIOUMOUSIS, A., HORELICK, D., Hutchinson, D., Lankford, A., Porat, D., Sadrozinski, H., Seiden, A., Wei, Z. G.
1985; 32 (1): 653-657
 - **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
- **THE NEW DRIFT CHAMBER FOR THE MARK-II DETECTOR AT THE SLAC LINEAR COLLIDER** *IEEE TRANSACTIONS ON NUCLEAR SCIENCE*
Burchat, P. R., Hanson, G. G., Sadrozinski, H. F.
1985; 32 (1): 600-604
 - **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
 - **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
 - **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
 - **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
 - **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
 - **UPPER LIMIT ON THE NU-TAU-MASS** *PHYSICAL REVIEW LETTERS*
Matteuzzi, C., Abrams, G. S., DELAVAISSIERE, 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
 - **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
 - **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
 - **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