

## Curriculum Vitae for David N. Brown

David N. Brown  
Louisville, KY

Ogden College of Science & Engineering  
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*An experienced leader in higher education and large-scale collaborative physics research with a growth mindset. I am happiest as a professional when helping my students and colleagues achieve their goals and earn recognition for their work.*

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### Education

- B.S. in Mathematics and Physics, Eastern Michigan University, June, 1987.
- M.S. in Physics, Purdue University, May 1990.
- Ph.D. in Physics, Purdue University, December 1992.  
Dissertation Advisor: Dr. Edward I. Shibata  
Dissertation: "Inclusive Spectra in the Upsilon Energy Region and a Study of Quark-jet versus Gluon-jet Fragmentation."

### Positions Held

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|--------------|-----------------------------------------------------------------------------------------------------|
| 2021-present | <b>Dean</b> , Ogden College of Science and Engineering, Western Kentucky University                 |
| 2018-2021    | <b>Associate Dean for Graduate Education</b> , College of Arts & Sciences, University of Louisville |
| Spring 2021  | <b>Acting Associate Dean for Research</b> , College of Arts & Sciences, University of Louisville    |
| 2017         | <b>Visiting Scientist/Intensity Frontier Fellow</b> , Fermi National Accelerator Laboratory         |
| 2012-2017    | <b>Undergraduate Program Director</b> , Physics & Astronomy, University of Louisville               |
| 2008-2022    | <b>Professor of Physics</b> , University of Louisville                                              |
| 2004-2009    | <b>Chair</b> , Department of Physics & Astronomy, University of Louisville                          |
| 2001-2008    | <b>Associate Professor</b> , University of Louisville                                               |
| 1998-2004    | <b>Undergraduate Program Director</b> , Physics, University of Louisville                           |
| 1999-2001    | <b>Adjoint Assistant Professor</b> , Vanderbilt University                                          |
| 1996-2001    | <b>Assistant Professor</b> , University of Louisville                                               |
| 1995-1996    | <b>Visiting Assistant Professor</b> , Boston College                                                |
| 1994-1995    | <b>Visiting Assistant Professor</b> , University of Pittsburgh                                      |
| 1992-1994    | <b>Post-doctoral Research Associate</b> , University of Pittsburgh                                  |

### **Memberships**

- American Physical Society, American Association of Physics Teachers, Society of Physics Students
  - Division of Particles and Fields, Division of Physics of Beams, Forum on Physics & Society, Forum on the History of Physics, Forum on Education, Southeast Section, Topical Group on Hadronic Physics
- Mortarboard Honor Society, Sigma Pi Sigma Physics Honors Society, The Woodcock Society
- Society for Women in Physics & Astronomy (SWiPA), local organization - **founder**
- Kentucky Academy of Science, Kentucky Association of Physics Teachers
- Physics Teachers Education Coalition
- National Center for Faculty Diversity and Development
- Council of Colleges of Arts and Sciences

### **External Grant Funding**

- The BABAR Collaboration, “Software Licensing for BABAR Graphics Development.” 1997, \$2,200, PI
- US Department of Energy, “Contributions to Studies of CP Violation and Other Physics Topics with the BABAR Collaboration.” 1998-2001, \$180,000, PI
- National Science Foundation, REU Grant, 2000-2002, \$59,000, PI
- US Department of Energy, “Continued Contributions to Studies of CP Violation and Other Physics Topics with the BABAR Collaboration.” 2001-2005, \$260,000, PI
- US Department of Energy, “Studies of CP Violation and Hadronic Physics with the BABAR Detector.” 2005-2009, \$456,000, PI
- US Department of Energy, “Studies of Hadronic Physics with the BABAR Detector at SLAC and the ATLAS Detector at CERN.” 2009-2013, \$440,000, PI
- National Science Foundation, “Partnership for Retention In Mathematics, Engineering, and Science (PRIMES).” 2012-2016, \$2,100,000, faculty participant
- US Department of Energy, “Studies of Hadronic Physics at the Intensity Frontier.” 2013-2015, \$225,000, PI
- Fermi National Accelerator Laboratory, Intensity Frontier Fellowship Award, 2017, \$20,800, PI
- Fermi National Accelerator Laboratory, “Geometry for Mu2e Simulations.” 2020, \$24,969, PI
- US Department of Energy, “Searches for lepton flavor violation and dark matter at the intensity frontier.” 2022-2025, Co-PI, \$8,363 sub-award from UofL.

### **Service of Leadership - Selected Highlights**

- **Dean**, Ogden College of Science and Engineering, Western Kentucky University, 2021-present. Responsible for leadership of College of 9 academic units, approximately 200 faculty and staff, and 3,000 students, with 30 million dollar budget. Responsible for implementing new budget model, introducing initiatives to improve retention, climate, fundraising, research productivity, hire of new faculty and staff. Remodel of grad ed.

- **Associate Dean for Graduate Education**, College of Arts & Sciences, University of Louisville, 2018-2021. Articulated vision for Graduate Education. Expanded recruiting initiative with an emphasis on diverse recruiting. Improved processes and workflows for graduate education. Lead effort to develop new professional masters. Create and maintain graduate education budget scenarios. Manage graduate education team in the College. Advise student group - Graduate Network in Arts & Sciences.
- **Department Chair**, Department of Physics & Astronomy, University of Louisville, 2004-2009. Increased faculty and staff size, number of students, research and grant productivity. Established new Ph.D. program. Fundraising and alumni relations.
- **Faculty Senator**, University of Louisville, 2012-2015, 2018-2021
- **Chair, Faculty Senate Planning and Budget Committee**, Fall 2013, 2014-2015. Review new academic programs for budgetary soundness. Make recommendations on budgetary priorities for University. Reviewed controversial major donation and made recommendations on conditions for acceptance, successfully.
- University of Louisville **Budget Model Steering Committee**, 2014-2015, 2019-2020
- University of Louisville **Strategic Planning Committee**, WORK subgroup, **team leader** for Compensation and Benefits, 2019. Led team making recommendations on pay, benefits, professional development as part of the Strategic Planning Committee looking at improving the UofL workplace.
- **Co-leader** of Software and Simulation, Mu2e Collaboration, Fermi National Accelerator Lab, 2017. International scientific collaboration - I was a member of the four-person leadership team for the collaboration of ~250 scientists.
- **Deputy Chair**, BABAR Speakers Bureau, 2008-2010, 2011-2018. International scientific collaboration. I was responsible for assigning and/or training reviewers for, or reviewing myself, all public presentations made by collaboration members. Over 100 presentations per year at peak.
- **Mu2e Office for Equity, Diversity, and Inclusion (EDI)**, 2018-2019. Inaugural co-leader of effort to assess and address EDI issues in the Mu2e Collaboration at the Fermi National Accelerator Laboratory.
- **Chair**, Dean's Ad Hoc Committee on Technology, 2001-2003. Survey technology resources and needs in College. Make recommendations to Dean on priorities for hardware and software.

#### **Diversity, Equity and Inclusion - Selected Highlights**

- Chair, Department of Physics & Astronomy Diversity Committee, 2020-2021
- Member, Anne Braden Institute Anti-Racist Reading Circle, 2020
- Mu2e Office for Equity, Diversity, and Inclusion, 2018-2019
- Member, Department of Physics & Astronomy Diversity Committee, 2016-2020
- Member, College of Arts & Sciences Diversity Council, 2010+
- Member, White Allies for Racial Justice committee, 2010+

### **Professional and Leadership Development - Selected Highlights**

- APS Leadership Series, 2021-2022. Webinar series on leadership issues in physics.
- **Leadership and Innovation in Academic Medicine (LIAM)** 2019-2020. Year-long intensive program themed around Leadership of Self, Leadership with Others, and Leadership of the Organization. Part of first non-health sciences cohort. Group project: developed professional development program for junior faculty on increasing scholarly productivity.
- **Academic Leadership Series**, 2018-2021. Monthly talks and Q&A by campus leaders.
- **“Reframing Autism: Collaborating to Help Students on the Spectrum Thrive in College.”** September 2018. Targeted workshop on working with ASD students.
- **“Effective Teaching in Large Lectures, Faculty Learning Community,”** Spring 2018. Workshop on effective teaching in large lecture courses.
- American Institute for Physics **Department Chairs Workshops**, 2004-2009. Best practices in physics departmental leadership.
- Midwest Physics **Chairs Workshops**, 2004-2009. Self-organized leadership discussion group.

### **Awards and Honors**

- George W. Tauffest Memorial Award for Outstanding Promise in Theoretical or Experimental High Energy Physics Research, Purdue University, 1993
- Nominated to stand for election as President, Sigma Pi Sigma Physics Honor Society, 2002
- Nominated by former students to “Who’s Who Among American Teachers,” 2002
- Society of Physics Students/American Association of Physics Teachers Outstanding Chapter Advisor Award, 2005
- Student-elected “Faculty Favorite” multiple times since 2006 inception. Elected for University “Top Ten Faculty Favorite” award, 2008.
- Dean’s Departmental Leadership Award, 2008-2009
- Purdue University Outstanding Alumnus Award, 2009
- College of Arts & Sciences Distinguished Service Professor, 2010
- College of Arts & Sciences Distinguished Teaching Professor Award, 2013
- University of Louisville Distinguished Teaching Professor Award, 2013
- University of Louisville Trustees Award, 2014. Award given to UofL faculty for impact on students
- Provost’s Exemplary Advising Award, 2016-17
- National Academic Advising Association Outstanding Advising Award, 2017
- Nominated, KY Acorn Award, 2015
- Nominated, US Professor of the Year Award, 2015
- David N. Brown Scholarship fund established, University of Louisville, 2021

## **Experience, chronological**

- 1986-1987. **Undergraduate Teaching Assistant, Eastern Michigan University.**
- 1987-1989. **Teaching Assistant, Purdue University.**
- 1989-1992. **Research Assistant, Purdue University.**
  - 1989-1990. **Research and development of scintillating fibers for tracking of charged particles at the SSC.** I was involved in some of the initial software and hardware development and studied utilization of scintillating fibers in high energy physics detectors.
  - 1990-1992. **Research in  $b$ -quark physics with the CLEO collaboration.** The immense data sample available to CLEO improved the prospects of measuring QCD parameters for heavy quark systems as well as giving the world's largest sample of B-mesons (at the time) for studies of electroweak phenomena. The large data sample improved the detail of measurements that could be made, but also required that we understand our data and detector with previously unmatched precision. My thesis work included a study of fragmentation processes and particle production in a variety of types of events. I was also responsible for much of the particle identification information used by the collaboration.
- 1992-1994. **Postdoctoral Research Associate, University of Pittsburgh.**
  - **Research in rare Kaon decay.** Worked on design and construction of large-volume Cerenkov counters for Brookhaven Experiment 865, a search for the mode  $K^+ \rightarrow \pi^+ \mu^+ e^-$ , which is a rigorous test of Standard Model predictions about lepton flavor conservation. Major responsibility was for the design, construction, and testing of the low-mass, modular, precision optics for the counters.
- 1994-1995. **Visiting Assistant Professor, University of Pittsburgh.**
  - **High Energy Physics - rare Kaon Decay.** Continued to provide support on optics and administrative matters with the E865 experiment.
  - **Teaching: non-calculus based sequence in physics for life science students, Advanced Graduate Physics Lab, large-enrollment Introductory Astronomy course.**
  - **Organization of the Physics Resource Room.** Took responsibility for the organization and operation of the department's Resource Room, a help center for students in introductory courses. Responsible for scheduling and overseeing graduate student teaching assistants, management of the facility, and development of hands-on learning demonstrations.
  - **Creation of a Departmental Educational Resources Facility.** Created and administered a computerized facility for helping instructors with their coursework, online tutoring and self-tests for students, etc..

- **Member of the Introductory Course Committee, BioMedical Initiative Committee.**
- **Wrote successful grant proposals for computerized tutorial/instruction room.** Received \$24K internal funding for computers, software, lab hardware, and support. Made major contributions to successful external proposal for \$85K physics/chemistry computer-based classroom.
- 1995-1996 **Visiting Assistant Professor, Boston College.**
  - **Teaching of non-calculus introductory physics sequence.**
  - **Teaching of upper-level Electricity and Magnetism course.**
  - **Development and teaching of Nuclear and Particle Physics course.** Developed a lecture course with laboratory elements plus simulations, creation of Monte Carlo routines, and other hands-on elements. This course drew the largest upper-level enrollment of any elective in recent years at the time. The course was taught in a modified studio format.
  - **Mentoring students in Senior Modern Laboratory Projects.**
  - **Organization and improvement of lecture demonstration experiments.**
  - **Consultation in High Energy Physics.** Continued to interact with members of the CLEO collaboration on questions of particle identification.
- 1996-2021. **Assistant/Associate/Full Professor , University of Louisville.**
  - **Research in High Energy Physics.** Established UofL presence in the BaBar experiment at the Stanford Linear Accelerator Center (SLAC). This was a collaboration of approximately 600 scientists and engineers from around the world performing basic research into the fundamental structure and forces of nature, with particular interest in CP-violation. Established UofL presence in the ATLAS experiment at the Large Hadron Collider at CERN as a visiting scientist with SLAC group. This is a collaboration of approximately 3,000 scientists and engineers studying fundamental components of matter at the energy frontier. Established UofL presence in the Mu2e Collaboration at FermiLab. This collaboration is developing an experiment to search for the direct conversion of muons to electrons – a test for physics beyond the Standard Model. With S. Banerjee, established UofL presence on Belle II Collaboration at the SuperKEK lab in Tsukuba, Japan.
    - Head of BaBar graphics group (Event Display), 1997-2000
    - Active in BaBar Particle Identification group, 1997-1999
    - BaBar Physics Software Manager, 2001
    - Manager for BaBar Simulation Production at SLAC, April 2001-April 2002, April 2003-August 2008, August 2010-present; Manager for all BaBar simulation, 2007-2008, 2010-present
    - Package Coordinator for multiple software packages, many in core analysis code. Managed a peak of 44 distinct software packages

- Active in the Inclusive Hadronic Particle Spectra Analysis Working Group
- Tapped to be Run Coordinator for summer 2008, but federal budget cuts ended the BaBar run earlier
- Member of the BaBar Computing Coordination Committee, 2007-2015
- Deputy Chair of the BaBar Speakers Bureau, 2008-2010, 2011-2018
- ATLAS Cavern Background group, 2009-2012.
- Member, BaBar Long Term Planning Task Force, 2013
- Member, Mu2e Offline Computing leadership team
- Mu2e Geometry Czar, 2014-present, Mu2e HyperNews Czar, 2014-present. Co-leader, Mu2e Software and Simulations Group, 2017; Diversity and Inclusion Contact, 2018-2019
- **Undergraduate Program Director for Physics, 1998-2004, 2012-2017.** Created this position, responsible for undergraduate advising, recruitment, and retention. Undergraduate population has grown dramatically since 1998.
- **Chair, Department of Physics & Astronomy, 2004-2009.** Expanded Department to 17 faculty; created strategic plan for further growth. Led the effort to add a BS in Atmospheric Science and Ph.D. in Physics & Astronomy, successfully. Changed the name of the Department from Physics to Physics & Astronomy. Successful nominations of faculty for University Teaching, Research, and Service awards and Trustees Award. Introduced community-building activities. Created two technical staff positions shared with Chemistry and Mathematics Departments. Led effort to diversify departmental faculty, successfully. Hired new Unit Business Manager and added Administrative Assistant position. Created a department Safety Policy and introduced safety training for all graduate students, post-docs, and others. Introduced teacher training for Graduate Teaching Assistants. More.
- **Associate Dean for Graduate Education, College of Arts & Sciences, 2018-2021.** Replaced many paper forms with electronic forms and streamlined submission process, creating instructional video for new system. Investigated problem with “ghost course” creation in registration system, eventually saving significant work for different groups across campus. Created monthly newsletter for Directors of Graduate Studies. Created first budget and budget request for this position. Oversee awards for Outstanding Graduate Mentor and Outstanding Director of Graduate Studies. Advise graduate student group. Handle allocation of resources for graduate study in College. Leading recruiting initiative with emphasis on diverse recruiting.
- Teaching of calculus-based and non-calculus-based introductory physics sequences.
- Teaching of upper-level undergraduate mechanics course.
- Teaching of upper-level undergraduate/graduate quantum mechanics sequence.

- Development and teaching of Introductory Nuclear Physics course.
- Creation and teaching of first four Honors courses offered by Department. Introductory labs and recitations for Honors students.
- Introduced a graduate course for retraining elementary school teachers as middle school science teachers.
- Advisor for the Society of Physics Students. "Outstanding Chapter" twenty-three years in a row. Nominated for and received the 2005 Outstanding Chapter Advisor Award, a \$5,000 prize given to one awardee per year.
- Founded Society for Women In Physics & Astronomy (SWIPA) in Department. Served as advisor. 2008-2012 and 2016-2017
- Webmaster for the Physics Department, 1996-2007.
- Department Facebook/Twitter account maintenance 2010-2021
- System Management for HEP Computing (Unix/Linux/Mac)
- Organized and taught an informal C++/OOP/Java course and an informal electronics course multiple times.
- Oversight of large-enrollment Introductory Physics Lab, 1997-2004, 2008-2012 Modified lab manual, organized activities, oversaw Teaching Assistants in the computer-based lab for the calculus-based Introductory Physics sequence. Experiment design, equipment design and construction, maintenance.
- Organized an after-school Physics enrichment program at a local middle school. As part of the "Cougar College" program, gave a series of "hands-on" workshops for 6th, 7th, and 8th graders at Crosby Middle School in Louisville. 1997-1999
- Employment and oversight of student research assistants. Have overseen the work of 20 graduate and over 70 undergraduate or high school students. The students work on High Energy Physics projects, with a strong emphasis on modern computer programming. Have been research advisor to four students who were subsequently named Goldwater Scholars - the top graduating senior in the College. Four undergraduates from my group, including two of the Goldwater Scholars, have been named their College's outstanding graduating senior. One student was Commencement Speaker.
- Membership on committees: Physics Department Planning Committee, Roseman Scholarship Committee, Overseers' Scholars Development Program Steering Committee, Faculty Search Committees, College General Education Committee, Dean's ad hoc Committee on Technology (chair), Physics Personnel Committee, Committee on a 5-year MS/BS Program in Physics(chair), College of Arts & Sciences Personnel Committee, Departmental Curriculum Committee (chair), Brown Fellows Selection Committee, Physics Personnel Committee (member/ chair), University Budget Model Advisory Committee, University Strategic Planning Committee, Strategic Planning Implementation Committee, College Committee on Climate and Morale, Decanal Review Committee, Five-year Chair review committees (multiple), many more.



- Member, UofL Faculty Senate, 2012-2015, 2018-2021. Elected to Faculty Senate Planning and Budget Committee. Chair, Faculty Senate Planning and Budget Committee, Fall 2013 (interim), 2014-2015.
- Member, Faculty Research Advisory Council, 2012-2017. Advised Executive Vice President for Research on research and funding issues.
- PI and Co-Director for NSF-funded UofL Summer REU Program, 2000-2001.
- Co-Founder and Director of UofL Physics Learning Center, 2001-2015.
- Named Brown Fellows Mentor for 2019-2023 cohort. Prestigious and highly selective fellowship program for outstanding group of undergraduates.
- 2021-present, **Dean, Ogden College of Science and Engineering, Western Kentucky University.** Leading implementation of new RCM budget for College/University. Responsible for College with 30 million dollar budget, over 200 faculty and staff, 3,000 students. Introducing initiatives to improve climate, student recruitment and retention, philanthropy, research productivity. Reorganizing graduate education in the College. Chair of University Radiation Safety Committee. Co-Chair of Capital Allocation Committee. Member, Budget Executive Committee.

### **Publications**

- **Over 500 peer-reviewed publications. List attached. Multiple Conference Proceedings and technical publications not listed.**

### **Other**

- Took part in letter-writing and lobbying campaigns for the Superconducting Super Collider in summer, 1992, one of 50 physicists who lobbied both the House and Senate. The effort was successful in 1992, though not in 1993.
- Taught Physics to pre-college students from disadvantaged high schools through the University of Pittsburgh School of Engineering's IMPACT program.
- Helped with administration and teaching in the University of Pittsburgh/NSF program "Research Experience for Undergraduates in Physics - Focus on Minorities."
- Participated in Chautauqua Summer School Short Course on **Distance Learning in Math and Science.**
- Oversaw Physics outreach to the community by members of the UofL Physics Department
- Served on the Organizing Committee for HEPVis '98 conference.
- Organized and hosted ATLAS Cavern Background Workshop III, UofL, Nov. 2010
- Nominated to run for Sigma Pi Sigma national President, 2002.
- Visits to Congress to encourage support for science, March 2004, March 2006, June 2006, June 2008, and more.
- Moderator, Judge, and Head Official for local and regional Quick Recall matches – middle school and high school level, 2000-present.
- Head Judge, Finals, Senior Division, Louisville Regional Science Fair, 2000-2020
- Co-chair, Judging Committee, Louisville Regional Science Fair, 2008-2009
- Member of the Board, Louisville Regional Science Fair, 2008-2012
- Reader, Banned Book Week, University of Louisville Library, 2008-2011

- Kentucky Science Standards Work Team, 2012.
- Faculty participant in NSF-sponsored Partnership for Retention In Math, Engineering, and Science (PRIMES), 2011-2015
- Reviewer for NSF and DOE proposals and journals. External reviewer on tenure cases and departmental program reviews.

# David N. Brown Journal Publications

Last Updated 01 October 2022

1. **“Search for an Axionlike Particle in  $B$  Meson Decays,”** J. P. Lees *et al.* [BABAR], Phys. Rev. Lett. **128**, no. 13, 131802 (2022)
2. **“Search for Lepton Flavor Violation in  $\Upsilon(3S) \rightarrow e^\pm \mu^\mp$ ,”** J. P. Lees *et al.* [BABAR], Phys. Rev. Lett. **128**, no. 9, 091804 (2022)
3. **“Detector and Beamline Simulation for Next-Generation High Energy Physics Experiments,”** S. Banerjee *et al.* 2022 Snowmass Summer Study, hep-ex: 2203.07614 (2022)
4. **“Experimental Searches for Muon to Electron Conversion in a Nucleus: COMET, DeeMe, and Mu2e. A Contributed paper for Snowmass 21.”** M. J. Lee *et al.* [COMET, Mu2e] 2022 Snowmass Summer Study, hep-ex: 2203.07089 (2022)
5. **“Search for Darkonium in  $e^+e^-$  Collisions,”** J. P. Lees *et al.* [BABAR], Phys. Rev. Lett. **128**, no.2, 021802 (2022)
6. **“Rare and forbidden decays of the  $D^0$  meson,”** D. N. Brown [BABAR], PoS CHARM2020, 052 (2021)
7. **“Study of the reactions  $e^+e^- \rightarrow \pi^+\pi^-\pi^0\pi^0\pi^0\pi^0$  and  $\pi^+\pi^-\pi^0\pi^0\pi^0\eta$  at center-of-mass energies from threshold to 4.5 GeV using initial-state radiation,”** J. P. Lees *et al.* [BaBar], Phys. Rev. D **104**, no.11, 112004 (2021)
8. **“Computational modeling of RNase, antisense ORF0 RNA, and intracellular compartmentation and their impact on the life cycle of the line retrotransposon,”** Michael David Martin, David N. Brown, Kenneth S. Ramos, Computational and Structural Biotechnology Journal **19**, 5667-5677 (2021)
9. **“Study of the process  $e^+e^- \rightarrow \pi^+\pi^-\pi^0$  using initial state radiation with BABAR,”** J. P. Lees *et al.* [BABAR and BaBar], Phys. Rev. D **104**, no.11, 112003 (2021)
10. **“Light meson spectroscopy from Dalitz plot analyses of  $\eta_c$  decays to  $\eta'K^+K^-$ ,  $\eta'\pi^+\pi^-$ , and  $\eta\pi^+\pi^-$  produced in two-photon interactions,”** J. P. Lees *et al.* [BaBar], Phys. Rev. D **104**, no.7, 072002 (2021)
11. **“Study of the reactions  $e^+e^- \rightarrow 2(\pi^+\pi^-)\pi^0\pi^0\pi^0$  and  $e^+e^- \rightarrow 2(\pi^+\pi^-)\pi^0\pi^0\eta$  at center-of-mass energies from threshold to 4.5 GeV using initial-state radiation,”** J. P. Lees *et al.* [BaBar], Phys. Rev. D **103**, no.9, 092001 (2021)

12. **“Search for a Dark Leptophilic Scalar in  $e^+e^-$  Collisions,”** J. P. Lees *et al.* [BaBar], Phys. Rev. Lett. **125**, no.18, 181801 (2020)
13. **“Precision measurement of the  $\mathcal{B}(\Upsilon(3S) \rightarrow \tau^+\tau^-)/\mathcal{B}(\Upsilon(3S) \rightarrow \mu^+\mu^-)$  ratio,”** J. P. Lees *et al.* [BaBar], Phys. Rev. Lett. **125**, 241801 (2020)
14. **“Search for lepton-flavor-violating decays  $D^0 \rightarrow X^0 e^\pm \mu^\mp$ ,”** J. P. Lees *et al.* [BaBar], Phys. Rev. D **101**, no.11, 112003 (2020)
15. **“Resonances in  $e^+e^-$  annihilation near 2.2 GeV,”** J. P. Lees *et al.* [BaBar Collaboration], Phys. Rev. D **101**, no.1, 012011 (2020) [arXiv:1912.04512 [hep-ex]].
16. **“Measurements of the Absolute Branching Fractions of  $B^\pm \rightarrow K^\pm X_{cc}$ ,”** J. P. Lees *et al.* [BaBar Collaboration], Phys. Rev. Lett. **124**, no.15, 152001 (2020) [arXiv:1911.11740 [hep-ex]].
17. **“Search for Rare or Forbidden Decays of the  $D^0$  Meson,”** J. P. Lees *et al.* [BaBar Collaboration], Phys. Rev. Lett. **124**, no.7, 071802 (2020) [arXiv:1905.00608 [hep-ex]].
18. **“Search for  $B^- \rightarrow \Lambda \bar{p} \nu \bar{\nu}$  with the BaBar experiment,”** J. P. Lees *et al.* [BaBar Collaboration], Phys. Rev. D **100**, no. 11, 111101 (2019) arXiv:1908.07425 [hep-ex].
19. **“Extraction of form Factors from a Four-Dimensional Angular Analysis of  $\bar{B} \rightarrow D^* \ell^- \bar{\nu}_\ell$ ,”** J. P. Lees *et al.* [BaBar Collaboration], Phys. Rev. Lett. **123**, no. 9, 091801 (2019). arXiv:1903.10002 [hep-ex]
20. **“Search for a Stable Six-Quark State at BABAR,”** J. P. Lees *et al.* [BaBar Collaboration], Phys. Rev. Lett. **122**, no. 7, 072002 (2019). arXiv:1810.04724 [hep-ex],
21. **“Observation of the Decay  $D^0 \rightarrow K^- \pi^+ e^+ e^-$ ,”** J. P. Lees *et al.* [BaBar Collaboration], Phys. Rev. Lett. **122**, no. 8, 081802 (2019). arXiv:1808.09680 [hep-ex],
22. **“First evidence for  $\cos 2\beta > 0$  and resolution of the CKM Unitarity Triangle ambiguity by a time-dependent Dalitz plot analysis of  $B^0 \rightarrow D^{(*)} h^0$  with  $D \rightarrow K_S^0 \pi^+ \pi^-$  decays** I. Adachi *et al.* [BaBar and Belle Collaborations], Phys. Rev. Lett. **121**, no. 26, 261801 (2018). [arXiv:1804.06152 [hep-ex]].
23. **“Measurement of  $\cos 2\beta$  in  $B^0 \rightarrow D^{(*)} h^0$  with  $D \rightarrow K_S^0 \pi^+ \pi^-$  decays by a combined time-dependent Dalitz plot analysis of BaBar and Belle data,”** I. Adachi *et al.* [BaBar and Belle Collaborations], Phys. Rev. D **98**, no. 11, 112012 (2018). [arXiv:1804.06153 [hep-ex]].
24. **“Study of the reactions  $e^+e^- \rightarrow \pi^+ \pi^- \pi^0 \pi^0 \pi^0 \gamma$  and  $\pi^+ \pi^- \pi^0 \pi^0 \eta \gamma$  at center-of-mass energies from threshold to 4.35 GeV using initial-state radiation,”** J. P. Lees *et al.* [BaBar Collaboration], Phys. Rev. D **98**, no. 11, 112015 (2018) [arXiv:1810.11962 [hep-ex]].

25. **“Measurement of the  $\gamma^*\gamma^* \rightarrow \eta'$  transition form factor”** J. P. Lees *et al.* [BaBar Collaboration]. Phys. Rev. D **98**, no. 11, 112002 (2018)
26. **“Measurement of the spectral function for the  $\tau^- \rightarrow K^- K_S \nu_\tau$  decay”** J. P. Lees *et al.* [BaBar Collaboration]. Phys. Rev. D **98**, no. 3, 032010 (2018)
27. **“Study of  $\Upsilon(1S)$  radiative decays to  $\gamma\pi^+\pi^-$  and  $\gamma K^+K^-$ ”** J. P. Lees *et al.* [BaBar Collaboration]. Phys. Rev. D **97**, no. 11, 112006 (2018)
28. **“Search for the decay mode  $B^0 \rightarrow pp\bar{p}\bar{p}$ ”** J. P. Lees *et al.* [BaBar Collaboration]. Phys. Rev. D **98**, no. 7, 071102 (2018)
29. **“Study of the process  $e^+e^- \rightarrow \pi^+\pi^-\eta$  using initial state radiation”** J. P. Lees *et al.* [BaBar Collaboration]. Phys. Rev. D **97**, 052007 (2018)
30. **“Measurement of the  $e^+e^- \rightarrow \pi^+\pi^-\pi^0\pi^0$  cross section using initial-state radiation at BABAR”** J. P. Lees *et al.* [BaBar Collaboration]. Phys. Rev. D **96**, no. 9, 092009 (2017)
31. **“Measurement of the  $D^*(2010)^+-D^+$  Mass Difference”** J. P. Lees *et al.* [BaBar Collaboration]. Phys. Rev. Lett. **119**, no. 20, 202003 (2017)
32. **“Measurement of the  $e^+e^- \rightarrow K_S^0 K^\pm \pi^\mp \pi^0$  and  $K_S^0 K^\pm \pi^\mp \eta$  cross sections using initial-state radiation”** J. P. Lees *et al.* [BaBar Collaboration]. Phys. Rev. D **95**, no. 9, 092005 (2017)
33. **“Search for Invisible Decays of a Dark Photon Produced in  $e^+e^-$  Collisions at BaBar”** J. P. Lees *et al.* [BaBar Collaboration]. Phys. Rev. Lett. **119**, no. 13, 131804 (2017)
34. **“Dalitz plot analyses of  $J/\psi \rightarrow \pi^+\pi^-\pi^0$ ,  $J/\psi \rightarrow K^+K^-\pi^0$ , and  $J/\psi \rightarrow K_S^0 K^\pm \pi^\mp$  produced via  $e^+e^-$  annihilation with initial-state radiation”** J. P. Lees *et al.* [BaBar Collaboration]. Phys. Rev. D **95**, no. 7, 072007 (2017)
35. **“Cross sections for the reactions  $e^+e^- \rightarrow K_S^0 K_L^0 \pi^0$ ,  $K_S^0 K_L^0 \eta$ , and  $K_S^0 K_L^0 \pi^0 \pi^0$  from events with initial-state radiation”** J. P. Lees *et al.* [BaBar Collaboration]. Phys. Rev. D **95**, no. 5, 052001 (2017)
36. **“Measurement of the inclusive electron spectrum from B meson decays and determination of  $|V_{ub}|$ ”** J. P. Lees *et al.* [BaBar Collaboration]. Phys. Rev. D **95**, no. 7, 072001 (2017)
37. **“Search for  $B^+ \rightarrow K^+ \tau^+ \tau^-$  at the BaBar experiment”** J. P. Lees *et al.* [BaBar Collaboration]. Phys. Rev. Lett. **118**, no. 3, 031802 (2017)
38. **“Evidence for  $CP$  violation in  $B^+ \rightarrow K^*(892)^+ \pi^0$  from a Dalitz plot analysis of  $B^+ \rightarrow K_S^0 \pi^+ \pi^0$  decays”** J. P. Lees *et al.* [BaBar Collaboration]. Phys. Rev. D **96**, no. 7, 072001 (2017)

39. **“Measurement of the  $B^0 \rightarrow D^{*-}\pi^+\pi^-\pi^+$  branching fraction”** J. P. Lees *et al.* [BaBar Collaboration], Phys. Rev. D **94**, no. 9, 091101 (2016)
40. **“Measurement of the  $B^0 \rightarrow D^{*-}\pi^+\pi^-\pi^+$  branching fraction,”** J. P. Lees *et al.* [BaBar Collaboration], Phys. Rev. D **94**, no. 9, 091101 (2016)
41. **“Search for a muonic dark force at BABAR,”** J. P. Lees *et al.* [BaBar Collaboration], Phys. Rev. D **94**, no. 1, 011102 (2016)
42. **“Collins fragmentation function measurements at BABAR,”** D. N. Brown [BaBar Collaboration], AIP Conf. Proc. **1735**, 080009 (2016).
43. **“Tests of CPT symmetry in  $B^0 - \bar{B}^0$  mixing and in  $B^0 \rightarrow c\bar{c}K^0$  decays,”** J. P. Lees *et al.* [BaBar Collaboration], Phys. Rev. D **94**, no. 1, 011101 (2016)
44. **“Measurement of the neutral  $D$  meson mixing parameters in a time-dependent amplitude analysis of the  $D^0 \rightarrow \pi^+\pi^-\pi^0$  decay,”** J. P. Lees *et al.* [BaBar Collaboration], Phys. Rev. D **93**, no. 11, 112014 (2016)
45. **“Time-dependent analysis of  $B^0 \rightarrow K_S^0\pi^-\pi^+\gamma$  decays and studies of the  $K^+\pi^-\pi^+$  system in  $B^+ \rightarrow K^+\pi^-\pi^+\gamma$  decays,”** P. del Amo Sanchez *et al.* [BaBar Collaboration], Phys. Rev. D **93**, no. 5, 052013 (2016)
46. **“Measurement of angular asymmetries in the decays  $B \rightarrow K^*l^+l^-$ ,”** J. P. Lees *et al.* [BaBar Collaboration], Phys. Rev. D **93**, no. 5, 052015 (2016)
47. **“Search for mixing-induced CP violation using partial reconstruction of  $\bar{B}^0 \rightarrow D^{*+}X\ell^-\bar{\nu}_\ell$  and kaon tagging,”** J. P. Lees *et al.* [BaBar Collaboration], Phys. Rev. D **93**, no. 3, 032001 (2016)
48. **“Measurement of the  $I=1/2$   $K\pi$   $S$ -wave amplitude from Dalitz plot analyses of  $\eta_c \rightarrow K\bar{K}\pi$  in two-photon interactions”** J. P. Lees *et al.* [BaBar Collaboration], Phys. Rev. D **93**, 012005 (2016)
49. **“The Mu2e Experiment: Searching for Muon to Electron Conversion,”** D. Brown *et al.* [Mu2e Collaboration], Nucl. Part. Phys. Proc. **260**, 151 (2015).
50. **“Measurement of initial-state–final-state radiation interference in the processes  $e^+e^- \rightarrow \mu^+\mu^-\gamma$  and  $e^+e^- \rightarrow \pi^+\pi^-\gamma$ ”** J. P. Lees *et al.* [BaBar Collaboration], Phys. Rev. D **92**, no. 7, 072015 (2015)
51. **“Observation of  $\bar{B} \rightarrow D^{(*)}\pi^+\pi^-\ell^-\bar{\nu}$  decays in  $e^+e^-$  collisions at the  $\Upsilon(4S)$  resonance”** J. P. Lees *et al.* [BaBar Collaboration], Phys. Rev. Lett. **116**, no. 4, 041801 (2016)
52. **“Study of the  $e^+e^- \rightarrow K^+K^-$  reaction in the energy range from 2.6 to 8.0 GeV”** J. P. Lees *et al.* [BaBar Collaboration], Phys. Rev. D **92**, no. 7, 072008 (2015)

53. **“Collins asymmetries in inclusive charged  $KK$  and  $K\pi$  pairs produced in  $e^+e^-$  annihilation”** J. P. Lees *et al.* [BaBar Collaboration]. Phys. Rev. D **92**, no. 11, 111101 (2015)
54. **“First Observation of CP Violation in  $\bar{B}^0 \rightarrow D_{\text{CP}}^{(*)}h^0$  Decays by a Combined Time-Dependent Analysis of BABAR and Belle Data”** A. Abdesselam *et al.* [BaBar and Belle Collaborations]. Phys. Rev. Lett. **115**, no. 12, 121604 (2015)
55. **“Search for a light Higgs resonance in radiative decays of the  $\Upsilon(1S)$  with a charm tag”** J. P. Lees *et al.* [BaBar Collaboration]. Phys. Rev. D **91**, no. 7, 071102 (2015)
56. **“Search for Long-Lived Particles in  $e^+e^-$  Collisions”** J. P. Lees *et al.* [BaBar Collaboration]. Phys. Rev. Lett. **114**, no. 17, 171801 (2015)
57. **“Measurement of the branching fractions of the radiative leptonic  $\tau$  decays  $\tau \rightarrow e\gamma\nu\bar{\nu}$  and  $\tau \rightarrow \mu\gamma\nu\bar{\nu}$  at BABAR”** J. P. Lees *et al.* [BaBar Collaboration]. Phys. Rev. D **91**, 051103 (2015)
58. **“Dalitz plot analyses of  $B^0 \rightarrow D^-D^0K^+$  and  $B^+ \rightarrow \bar{D}^0D^0K^+$  decays”** J. P. Lees *et al.* [BaBar Collaboration]. Phys. Rev. D **91**, no. 5, 052002 (2015)
59. **“Measurement of the  $D^0 \rightarrow \pi^-e^+\nu_e$  differential decay branching fraction as a function of  $q^2$  and study of form factor parameterizations”** J. P. Lees *et al.* [BaBar Collaboration]. Phys. Rev. D **91**, no. 5, 052022 (2015)
60. **“Study of  $CP$  Asymmetry in  $B^0 - \bar{B}^0$  Mixing with Inclusive Dilepton Events”** J. P. Lees *et al.* [BaBar Collaboration]. Phys. Rev. Lett. **114**, no. 8, 081801 (2015)
61. **“Observation of the baryonic decay  $\bar{B}^0 \rightarrow \Lambda_c^+ \bar{p} K^- K^+$ ”** J. P. Lees *et al.* [BaBar Collaboration]. Phys. Rev. D **91**, no. 3, 031102 (2015)
62. **“Study of  $B^{\pm,0} \rightarrow J/\psi K^+ K^- K^{\pm,0}$  and search for  $B^0 \rightarrow J/\psi\phi$  at BABAR”** J. P. Lees *et al.* [BABAR Collaboration]. Phys. Rev. D **91**, no. 1, 012003 (2015)
63. **“Measurement of the Absolute Branching Fractions for  $D_s^- \rightarrow \ell^- \bar{\nu}_\ell$  and Extraction of the Decay Constant  $f_{D_s}$ ”** P. del Amo Sanchez *et al.* [BaBar Collaboration]. Phys. Rev. D **82**, 091103 (2010), [Phys. Rev. D **91**, no. 1, 019901 (2015)]
64. **“Mu2e Technical Design Report”** L. Bartoszek *et al.* [Mu2e Collaboration]. arXiv:1501.05241 [physics.ins-det]
65. **“Monte Carlo calculations for the ATLAS cavern background”** T. Koi, D. N. Brown, A. Fasso, N. A. Graf, P. Sala, D. H. Wright and C. C. Young. Prog. Nucl. Sci. Tech. **4**, 507 (2014).
66. **“Search for new  $\pi^0$ -like particles produced in association with a  $\tau$ -lepton pair”** J. P. Lees *et al.* [BaBar Collaboration]. Phys. Rev. D **90**, no. 11, 112011 (2014)

67. **“Bottomonium spectroscopy and radiative transitions involving the  $\chi_b J(1P, 2P)$  states at BABAR”** J. P. Lees *et al.* [BaBar Collaboration]. Phys. Rev. D **90**, no. 11, 112010 (2014)
68. **“The Physics of the  $B$  Factories”** A. J. Bevan *et al.* [BaBar and Belle Collaborations]. Eur. Phys. J. C **74**, no. 11, 3026 (2014)
69. **“Search for a Dark Photon in  $e^+e^-$  Collisions at BaBar”** J. P. Lees *et al.* [BaBar Collaboration]. Phys. Rev. Lett. **113**, no. 20, 201801 (2014)
70. **“Measurements of direct CP asymmetries in  $B \rightarrow X_s$  decays using sum of exclusive decays”** J. P. Lees *et al.* [BaBar Collaboration]. Phys. Rev. D **90**, no. 9, 092001 (2014)
71. **“Cross sections for the reactions  $e^+e^- \rightarrow K_S^0 K_L^0$ ,  $K_S^0 K_L^0 \pi^+ \pi^-$ ,  $K_S^0 K_S^0 \pi^+ \pi^-$ , and  $K_S^0 K_S^0 K^+ K^-$  from events with initial-state radiation”** J. P. Lees *et al.* [BaBar Collaboration]. Phys. Rev. D **89**, no. 9, 092002 (2014)
72. **“Dalitz plot analysis of  $\eta_c \rightarrow K^+ K^- \eta$  and  $\eta_c \rightarrow K^+ K^- \pi^0$  in two-photon interactions”** J. P. Lees *et al.* [BaBar Collaboration]. arXiv:1403.7051 [hep-ex] Phys. Rev. D **89**, no. 11, 112004 (2014)
73. **“Antideuteron production in  $\Upsilon(nS)$  decays and in  $e^+e^- \rightarrow q\bar{q}$  at  $\sqrt{s} \approx 10.58$  GeV”** J. P. Lees *et al.* [BaBar Collaboration]. arXiv:1403.4409 [hep-ex] Phys. Rev. D **89**, no. 11, 111102 (2014)
74. **“Evidence for the baryonic decay  $\bar{B}^0 \rightarrow D^0 \Lambda \bar{\Lambda}$ ”** J. P. Lees *et al.* [BaBar Collaboration]. arXiv:1401.5990 [hep-ex] Phys. Rev. D **89**, no. 11, 112002 (2014)
75. **“Search for the decay  $\bar{B}^0 \rightarrow \Lambda_c^+ \bar{p} p \bar{p}$ ”** J. P. Lees *et al.* [BaBar Collaboration]. arXiv:1312.6800 [hep-ex] Phys. Rev. D **89**, no. 7, 071102 (2014)
76. **“Measurement of the  $B \rightarrow X_s l^+ l^-$  branching fraction and search for direct CP violation from a sum of exclusive final states”** J. P. Lees *et al.* [BaBar Collaboration]. arXiv:1312.5364 [hep-ex] Phys. Rev. Lett. **112**, 211802 (2014)
77. **“Evidence for the decay  $B^0 \rightarrow \omega \omega$  and search for  $B^0 \rightarrow \omega \phi$ ”** J. P. Lees *et al.* [BaBar Collaboration]. arXiv:1312.0056 [hep-ex] Phys. Rev. D **89**, no. 5, 051101 (2014)
78. **“Search for lepton-number violating  $B^+ \rightarrow X^- l^+ l^+$  decays”** J. P. Lees *et al.* [BaBar Collaboration]. arXiv:1310.8238 [hep-ex] Phys. Rev. D **89**, no. 1, 011102 (2014)
79. **“Measurement of Collins asymmetries in inclusive production of charged pion pairs in  $e^+e^-$  annihilation at BABAR”** J. P. Lees *et al.* [BaBar Collaboration]. arXiv:1309.5278 [hep-ex] Phys. Rev. D **90**, no. 5, 052003 (2014)



80. **“Study of the reaction  $e^+e^- \rightarrow \psi(2S)\pi^-\pi^-$  via initial-state radiation at BaBar”** J. P. Lees *et al.* [BaBar Collaboration]. arXiv:1211.6271 [hep-ex] Phys. Rev. D **89**, no. 11, 111103 (2014)
81. **“Measurement of the  $B^+ \rightarrow \omega l^+\nu$  branching fraction with semileptonically tagged B mesons”** J. P. Lees *et al.* [BaBar Collaboration]. arXiv:1308.2589 [hep-ex] Phys. Rev. D **88**, 072006 (2013)
82. **“Measurement of the  $e^+e^- \rightarrow p\bar{p}$  cross section in the energy range from 3.0 to 6.5 GeV”** J. P. Lees *et al.* [BaBar Collaboration]. arXiv:1308.1795 [hep-ex] Phys. Rev. D **88**, 072009 (2013)
83. **“Measurement of the Mass of the  $D^0$  Meson”** [The BABAR Collaboration]. arXiv:1308.1151 [hep-ex] Phys. Rev. D **88**, 071104 (2013)
84. **“Search for a light Higgs boson decaying to two gluons or ss-bar in the radiative decays of  $Y(1S)$ ”** J. P. Lees *et al.* [BaBar Collaboration]. arXiv:1307.5306 [hep-ex] Phys. Rev. D **88**, 031701 (2013)
85. **“Precision Measurement of the  $e^+e^- \rightarrow K^+K^-(\gamma)$  Cross Section with the Initial-State Radiation Method at BaBar”** J. P. Lees *et al.* [BaBar Collaboration]. arXiv:1306.3600 [hep-ex] Phys. Rev. D **88**, 032013 (2013)
86. **“Production of charged pions, kaons and protons in  $e^+e^-$  annihilations into hadrons at  $\sqrt{s} = 10.54$  GeV”** J. P. Lees *et al.* [BaBar Collaboration]. arXiv:1306.2895 [hep-ex] Phys. Rev. D **88**, 032011 (2013)
87. **“The BABAR Detector: Upgrades, Operation and Performance”** [The BABAR Collaboration]. arXiv:1305.3560 [physics.ins-det] NIMA 729, 2013 (615-701)
88. **“Search for CP Violation in  $B^0\bar{B}^0$  Mixing using Partial Reconstruction of  $B^0- > D^{*-}Xl^+\nu$  and a Kaon Tag”** J. P. Lees *et al.* [BaBar Collaboration]. arXiv:1305.1575 [hep-ex] Phys. Rev. Lett. **111**, 101802 (2013)
89. **“Measurement of the  $D^*(2010)^+$  meson width and the  $D^*(2010)^+ - D^0$  mass difference”** J. P. Lees *et al.* [BaBar Collaboration]. arXiv:1304.5657 [hep-ex] Phys. Rev. Lett. **111**, 111801 (2013).
90. **“Measurement of the  $D^*(2010)^+$  natural line width and the  $D^*(2010)^+ - D^0$  mass difference”** J. P. Lees *et al.* [BaBar Collaboration]. arXiv:1304.5009 [hep-ex] Phys. Rev. D **88**, 052003 (2013)
91. **“Measurement of CP-violating asymmetries in  $B^0- > (\rho\pi)^0$  decays using a time-dependent Dalitz plot analysis”** J. P. Lees *et al.* [BaBar Collaboration]. arXiv:1304.3503 [hep-ex] Phys. Rev. D **88**, 012003 (2013)
92. **“Search for  $B \rightarrow K(*)\nu\bar{\nu}$  and invisible quarkonium decays”** J. P. Lees *et al.* [BaBar Collaboration]. arXiv:1303.7465 [hep-ex] Phys. Rev. D **87**, 112005 (2013)

93. **“A Search for the Rare Decays  $B \rightarrow \pi l^+ l^-$  and  $B^0 \rightarrow \eta l^+ l^-$ ”** J. P. Lees *et al.* [BaBar Collaboration]. Phys. Rev. D **88**, 032012 (2013)
94. **“Study of the decay  $\bar{B}^0 \rightarrow \Lambda_c^+ \bar{p} \pi^+ \pi^-$  and its intermediate states”** J. P. Lees *et al.* [Babar Collaboration]. Phys. Rev. D **87**, 092004 (2013)
95. **“Study of  $e^+ e^- \rightarrow p \bar{p}$  via initial-state radiation at BABAR”** J. P. Lees *et al.* [BaBar Collaboration]. Phys. Rev. D **87**, 092005 (2013)
96. **“Time-Integrated Luminosity Recorded by the BABAR Detector at the PEP-II  $e^+ e^-$  Collider”** J. P. Lees *et al.* [BaBar Collaboration]. Nucl. Instrum. Meth. A **726**, 203 (2013)
97. **“Observation of direct CP violation in the measurement of the Cabibbo-Kobayashi-Maskawa angle gamma with  $B^\pm \rightarrow D^{(*)} K^{(*)\pm}$  decays”** J. P. Lees *et al.* [BaBar Collaboration]. Phys. Rev. D **87**, 052015 (2013)
98. **“Search for CP violation in the Decays  $D^\pm \rightarrow K_s^0 K^\pm$ ,  $D_s^\pm \rightarrow K_s^0 K^\pm$ , and  $D_s^\pm \rightarrow K_s^0 \pi^\pm$ ”** J. P. Lees *et al.* [BaBar Collaboration]. Phys. Rev. D **87**, 052012 (2013)
99. **“Search for direct CP-violation in singly-Cabibbo suppressed  $D^\pm \rightarrow K^+ K^- \pi^\pm$  decays”** J. P. Lees *et al.* [BaBar Collaboration]. Phys. Rev. D **87**, 052010 (2013)
100. **“Search for di-muon decays of a low-mass Higgs boson in radiative decays of the  $\Upsilon(1S)$ ”** J. P. Lees *et al.* [BaBar Collaboration]. Phys. Rev. D **87**, no. 3, 031102 (2013)
101. **“Measurement of  $D^0 - \bar{D}^0$  Mixing and CP Violation in Two-Body  $D^0$  Decays”** J. P. Lees *et al.* [BABAR Collaboration]. Phys. Rev. D **87**, 012004 (2013)
102. **“Study of high-multiplicity 3-prong and 5-prong tau decays at BABAR”** J. P. Lees *et al.* [BaBar Collaboration]. Phys. Rev. D **86**, 092010 (2012)
103. **“Study of the baryonic  $B$  decay  $B^- \rightarrow \Sigma_c^{++} \bar{p} \pi^- \pi^-$ ”** J. P. Lees *et al.* [BaBar Collaboration]. Phys. Rev. D **86**, 091102 (2012)
104. **“Measurement of the Time-Dependent CP Asymmetry of Partially Reconstructed  $B^0 \rightarrow D^{*+} D^{*-}$  Decays”** J. P. Lees *et al.* [BABAR Collaboration]. Phys. Rev. D **86**, 112006 (2012)
105. **“Branching fraction and form-factor shape measurements of exclusive charmless semileptonic B decays, and determination of  $|V_{ub}|$ ”** J. P. Lees *et al.* [BABAR Collaboration]. Phys. Rev. D **86**, 092004 (2012)
106. **“The branching fraction of  $\tau^- \rightarrow \pi^- K_S^0 K_S^0 (\pi^0) \nu_\tau$  decays”** J. P. Lees *et al.* [BaBar Collaboration]. Phys. Rev. D **86**, 092013 (2012)

107. **“A search for the decay modes  $B^{+-} \rightarrow h^{+-}\tau^{+-}l$ ”** J. P. Lees *et al.* [Babar Collaboration]. Phys. Rev. D **86**, 012004 (2012)
108. **“Observation of Time Reversal Violation in the  $B^0$  Meson System”** J. P. Lees *et al.* [BABAR Collaboration]. Phys. Rev. Lett. **109**, 211801 (2012)
109. **“Measurement of  $B(B \rightarrow X_s\gamma)$ , the  $B \rightarrow X_s\gamma$  photon energy spectrum, and the direct CP asymmetry in  $B \rightarrow X_{s+d}\gamma$  decays”** J. P. Lees *et al.* [BABAR Collaboration]. Phys. Rev. D **86**, 112008 (2012)
110. **“Precision Measurement of the  $B \rightarrow X_s\gamma$  Photon Energy Spectrum, Branching Fraction, and Direct CP Asymmetry  $A_{CP}(B \rightarrow X_{s+d}\gamma)$ ”** J. P. Lees *et al.* [BaBar Collaboration]. Phys. Rev. Lett. **109**, 191801 (2012)
111. **“Study of  $X(3915) \rightarrow J/\psi\omega$  in two-photon collisions”** J. P. Lees *et al.* [BABAR Collaboration]. Phys. Rev. D **86**, 072002 (2012)
112. **“Exclusive Measurements of  $b \rightarrow s\gamma$  Transition Rate and Photon Energy Spectrum”** J. P. Lees *et al.* [BaBar Collaboration]. Phys. Rev. D **86**, 052012 (2012)
113. **“Search for the decay modes  $D^0 \rightarrow e^+e^-$ ,  $D^0 \rightarrow \mu^+\mu^-$ , and  $D^0 \rightarrow e\mu$ ”** J. P. Lees *et al.* [BABAR Collaboration]. Phys. Rev. D **86**, 032001 (2012)
114. **“Improved Limits on  $B^0$  Decays to Invisible Final States and to  $\nu\bar{\nu}\gamma$ ”** J. P. Lees *et al.* [BABAR Collaboration]. Phys. Rev. D **86**, 051105 (2012)
115. **“Search for resonances decaying to  $\eta_c\pi^+\pi^-$  in two-photon interactions”** J. P. Lees *et al.* [BABAR Collaboration]. Phys. Rev. D **86**, 092005 (2012)
116. **“Evidence for an excess of  $\bar{B} \rightarrow D^{(*)}\tau^-\bar{\nu}_\tau$  decays”** J. P. Lees *et al.* [BaBar Collaboration]. Phys. Rev. Lett. **109**, 101802 (2012)
117. **“Precise Measurement of the  $e^+e^- \rightarrow \pi^+\pi^-(\gamma)$  Cross Section with the Initial-State Radiation Method at BABAR”** J. P. Lees *et al.* [BABAR Collaboration]. Phys. Rev. D **86**, 032013 (2012)
118. **“Measurement of Branching Fractions and Rate Asymmetries in the Rare Decays  $B \rightarrow K^{(*)}l^+l^-$ ”** J. P. Lees *et al.* [BABAR Collaboration]. Phys. Rev. D **86**, 032012 (2012)
119. **“Study of the reaction  $e^+e^- \rightarrow J/\psi\pi^+\pi^-$  via initial-state radiation at BaBar”** J. P. Lees *et al.* [BABAR Collaboration]. Phys. Rev. D **86**, 051102 (2012)
120. **“Search for lepton-number violating processes in  $B^+ \rightarrow h^-l^+l^+$  decays”** J. P. Lees *et al.* [BABAR Collaboration]. Phys. Rev. D **85**, 071103 (2012)
121. **“Search for Low-Mass Dark-Sector Higgs Bosons”** J. P. Lees *et al.* [BABAR Collaboration]. Phys. Rev. Lett. **108**, 211801 (2012)

122. **“Study of CP violation in Dalitz-plot analyses of  $B^0 \rightarrow K^+K^-K_s^0$ ,  $B^+ \rightarrow K^+K^-K^+$ , and  $B^+ \rightarrow K_s^0K_s^0K^+$ ”** J. P. Lees *et al.* [BABAR Collaboration]. Phys. Rev. D **85**, 112010 (2012)
123. **“Initial-State Radiation Measurement of the  $e^+e^- \rightarrow \pi^+\pi^-\pi^+\pi^-$  Cross Section”** J. P. Lees *et al.* [BaBar Collaboration]. Phys. Rev. D **85**, 112009 (2012)
124. **“ $B^0$  meson decays to  $\rho^0 K^{*0}$ ,  $f_0 K^{*0}$ , and  $\rho^- K^{*+}$ , including higher  $K^*$  resonances”** J. P. Lees *et al.* [BABAR Collaboration]. Phys. Rev. D **85**, 072005 (2012)
125. **“Study of  $\bar{B} \rightarrow X_u \ell \bar{\nu}$  decays in  $B\bar{B}$  events tagged by a fully reconstructed B-meson decay and determination of  $\|V_{ub}\|$ ”** J. P. Lees *et al.* [BABAR Collaboration]. Phys. Rev. D **86**, 032004 (2012)
126. **“Search for the  $Z_1(4050)^+$  and  $Z_2(4250)^+$  states in  $\bar{B}^0 \rightarrow \chi_{c1} K^- \pi^+$  and  $B^+ \rightarrow \chi_{c1} K_S^0 \pi^+$ ”** J. P. Lees *et al.* [BABAR Collaboration]. Phys. Rev. D **85**, 052003 (2012)
127. **“Observation and study of the baryonic B-meson decays B to D(\*) p pbar (pi) (pi)”** P. del Amo Sanchez *et al.* [BABAR Collaboration]. Phys. Rev. D **85**, 092017 (2012)
128. **“Amplitude analysis and measurement of the time-dependent CP asymmetry of  $B^0 \rightarrow K_S^0 K_S^0 K_S^0$  decays”** J. P. Lees *et al.* [BABAR Collaboration]. Phys. Rev. D **85**, 054023 (2012)
129. **“Search for the Decay  $D^0 \rightarrow \gamma\gamma$  and Measurement of the Branching Fraction for  $D^0 \rightarrow \pi^0 \pi^0$ ”** J. P. Lees *et al.* [BABAR Collaboration]. Phys. Rev. D **85**, 091107 (2012)
130. **“Search for  $\bar{B} \rightarrow \Lambda_c^+ X l^- \nu_l$  Decays in Events With a Fully Reconstructed B Meson”** J. P. Lees *et al.* [BABAR Collaboration]. Phys. Rev. D **85**, 011102 (2012)
131. **“A Measurement of the Semileptonic Branching Fraction of the  $B_s$  Meson”** J. P. Lees *et al.* [BaBar Collaboration]. Phys. Rev. D **85**, 011101 (2012)
132. **“Search for CP Violation in the Decay  $\tau^- \rightarrow \pi^- K_S^0 (>= 0\pi^0) \nu_\tau$ ”** J. P. Lees *et al.* [BABAR Collaboration]. Phys. Rev. D **85**, 031102 (2012), [Erratum-ibid. D **85**, 099904 (2012)]
133. **“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”** J. P. Lees *et al.* [BABAR Collaboration]. Phys. Rev. D **86**, 012008 (2012)
134. J. P. Lees *et al.* [BaBar Collaboration], “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  $B^+ \rightarrow \chi_{c0}K^+$ ,” Phys. Rev. D **84**, 092007 (2011)

135. J. P. Lees *et al.* [BABAR Collaboration], “Study of  $\Upsilon(3S, 2S) \rightarrow \eta\Upsilon(1S)$  and  $\Upsilon(3S, 2S) \rightarrow \pi^+\pi^-\Upsilon(1S)$  hadronic transitions,” *Phys. Rev. D* **84**, 092003 (2011)
136. J. P. Lees *et al.* [The BABAR Collaboration], “Measurements of branching fractions and CP asymmetries and studies of angular distributions for  $B \rightarrow \phi\phi K$  decays,” *Phys. Rev. D* **84**, 012001 (2011)
137. P. del Amo Sanchez *et al.* [BABAR Collaboration], “Search for CP violation in the decay  $D^\pm \rightarrow K_S^0\pi^\pm$ ,” *Phys. Rev. D* **83**, 071103 (2011)
138. J. P. Lees *et al.* [The BABAR Collaboration], “Search for  $b \rightarrow u$  Transitions in  $B^\pm \rightarrow [K^\mp\pi^\pm\pi^0]_D K^{+-}$  Decays,” *Phys. Rev. D* **84**, 012002 (2011)
139. P. del Amo Sanchez *et al.* [The BABAR Collaboration], “Observation of  $\eta_c(1S)$  and  $\eta_c(2S)$  decays to  $K^+K^-\pi^+\pi^-\pi^0$  in two-photon interactions,” *Phys. Rev. D* **84**, 012004 (2011)
140. J. P. Lees *et al.* [The BABAR Collaboration], “Measurement of the mass and width of the  $D_{s1}(2536)^+$  meson,” *Phys. Rev. D* **83**, 072003 (2011)
141. P. del Amo Sanchez *et al.* [BABAR Collaboration], “Searches for the baryon- and lepton-number violating decays  $B^0 \rightarrow \Lambda_c^+\ell^-$ ,  $B^- \rightarrow \Lambda\ell^-$ , and  $B^- \rightarrow \bar{\Lambda}\ell^-$ ,” *Phys. Rev. D* **83**, 091101 (2011)
142. P. del Amo Sanchez *et al.* [The BABAR Collaboration], “Measurement of partial branching fractions of inclusive charmless  $B$  meson decays to  $K^+$ ,  $K^0$ , and  $\pi^+$ ,” *Phys. Rev. D* **83**, 031103 (2011)
143. P. del Amo Sanchez *et al.* [BABAR Collaboration], “Measurements of branching fractions, polarizations, and direct CP-violation asymmetries in  $B^+ \rightarrow \rho^0 K^{*+}$  and  $B^+ \rightarrow f^0(980)K^{*+}$  decays,” *Phys. Rev. D* **83**, 051101 (2011)
144. P. del Amo Sanchez *et al.* [The BABAR Collaboration], “Analysis of the  $D^+ \rightarrow K^-\pi^+e^+\nu_e$  decay channel,” *Phys. Rev. D* **83**, 072001 (2011)
145. P. del Amo Sanchez *et al.* [The BABAR Collaboration], “Dalitz plot analysis of  $D_s^+ \rightarrow K^+K^-\pi^+$ ,” *Phys. Rev. D* **83**, 052001 (2011)
146. P. del Amo Sanchez *et al.* [The BABAR Collaboration], “Measurement of the  $B \rightarrow \bar{D}^{(*)}D^{(*)}K$  branching fractions,” *Phys. Rev. D* **83**, 032004 (2011)
147. P. del Amo Sanchez *et al.* [The BaBar Collaboration], “Studies of  $\tau^- \rightarrow \eta K^- \nu$  and  $\tau^- \rightarrow \eta \pi^- \nu$  at BaBar and a search for a second-class current,” *Phys. Rev. D* **83**, 032002 (2011)
148. P. del Amo Sanchez *et al.* [The BABAR Collaboration], “Search for the Decay  $B^0 \rightarrow \gamma\gamma$ ,” *Phys. Rev. D* **83**, 032006 (2011)

149. P. del Amo Sanchez *et al.* [BABAR Collaboration], “Measurement of the  $B^0 \rightarrow \pi^- \ell^+ \nu$  and  $B^+ \rightarrow \eta(\prime) \ell^+ \nu$  Branching Fractions, the  $B^0 \rightarrow \pi^- \ell^+ \nu$  and  $B^+ \rightarrow \eta \ell^+ \nu$  Form-Factor Shapes, and Determination of  $|V_{ub}|$ ,” Phys. Rev. D **83**, 052011 (2011)
150. P. del Amo Sanchez *et al.* [BABAR Collaboration], “Study of  $B \rightarrow \pi l \nu$  and  $B \rightarrow \rho l \nu$  Decays and Determination of  $|V_{ub}|$ ,” Phys. Rev. D **83**, 032007 (2011)
151. P. del Amo Sanchez *et al.* [The BABAR Collaboration], “Observation of new resonances decaying to  $D\pi$  and  $D^*\pi$  in inclusive  $e^+e^-$  collisions near  $\sqrt{s}=10.58$  GeV,” Phys. Rev. D **82**, 111101 (2010)
152. P. del Amo Sanchez *et al.* [BABAR Collaboration], “Search for the Rare Decay  $B \rightarrow K \nu \bar{\nu}$ ,” Phys. Rev. D **82**, 112002 (2010)
153. P. del Amo Sanchez *et al.* [BaBar Collaboration], “Measurement of the Absolute Branching Fractions for  $D_s^- \rightarrow \ell^- \bar{\nu}_\ell$  and Extraction of the Decay Constant  $f_{D_s}$ ,” Phys. Rev. D **82**, 091103 (2010)
154. P. del Amo Sanchez *et al.* [BABAR Collaboration], “Exclusive Production of  $D_s^+ D_s^-$ ,  $D_s^{*+} D_s^-$ , and  $D_s^{*+} D_s^{*-}$  via  $e^+e^-$  Annihilation with Initial-State-Radiation,” Phys. Rev. D **82**, 052004 (2010)
155. P. del Amo Sanchez *et al.* [The BABAR Collaboration], “Search for  $f_J(2220)$  in radiative  $J/\psi$  decays,” Phys. Rev. Lett. **105**, 172001 (2010)
156. B. Aubert *et al.* [BABAR Collaboration], “Observation of the decay  $\bar{B}^0 \rightarrow \Lambda_C \bar{p} \pi^0$ ,” Phys. Rev. D **82**, 031102 (2010)
157. P. del Amo Sanchez *et al.* [BABAR Collaboration], “Measurement of CP observables in  $B^\pm \rightarrow D_{CP} K^\pm$  decays and constraints on the CKM angle gamma,” Phys. Rev. D **82**, 072004 (2010)
158. P. del Amo Sanchez *et al.* [Babar Collaboration], “Search for  $b \rightarrow u$  transitions in  $B^- \rightarrow DK^-$  and  $B^- \rightarrow D^* K^-$  Decays,” Phys. Rev. D **82**, 072006 (2010)
159. B. Aubert *et al.* [BABAR Collaboration], “Correlated leading baryon-antibaryon production in  $e^+e^- \rightarrow c\bar{c} \rightarrow \Lambda_c^+ \bar{\Lambda}_c^- X$ ,” Phys. Rev. D **82**, 091102 (2010)
160. P. del Amo Sanchez *et al.* [BABAR Collaboration], “Evidence for the decay  $X(3872) \rightarrow J/\psi \omega$ ,” Phys. Rev. D **82**, 011101 (2010)
161. P. del Amo Sanchez *et al.* [BABAR Collaboration], “Study of  $B \rightarrow X \gamma$  Decays and Determination of  $|V_{td}/V_{ts}|$ ,” Phys. Rev. D **82**, 051101 (2010)
162. P. del Amo Sanchez *et al.* [BABAR Collaboration], “Evidence for direct CP violation in the measurement of the Cabibbo-Kobayashi-Maskawa angle  $\gamma$  with  $B^{-+} \rightarrow D^{(*)} K^{(*)-+}$  decays,” Phys. Rev. Lett. **105**, 121801 (2010)

163. P. del Amo Sanchez *et al.* [The BABAR Collaboration], “Search for  $B^+ \rightarrow D^+ K^0$  and  $B^+ \rightarrow D^+ K^{*0}$  decays,” Phys. Rev. D **82**, 092006 (2010)
164. P. del Amo Sanchez *et al.* [The BABAR Collaboration], “Measurement of  $D^0 - \bar{D}^0$  mixing parameters using  $D^0 \rightarrow K_S^0 \pi^+ \pi^-$  and  $D^0 \rightarrow K_S^0 K^+ K^-$  decays,” Phys. Rev. Lett. **105**, 081803 (2010)
165. P. del Amo Sanchez *et al.* [BaBar Collaboration], “B-meson decays to  $\eta' \rho$ ,  $\eta' f_0$ , and  $\eta' K^*$ ,” Phys. Rev. D **82**, 011502 (2010)
166. P. del Amo Sanchez *et al.* [BABAR Collaboration], “Observation of the  $\Upsilon(1^3 D_J)$  Bottomonium State through Decays to  $\pi^+ \pi^- \Upsilon(1S)$ ,” Phys. Rev. D **82**, 111102 (2010)
167. P. del Amo Sanchez *et al.* [The BABAR Collaboration], “Search for CP violation using  $T$ -odd correlations in  $D^0 \rightarrow K^+ K^- \pi^+ \pi^-$  decays,” Phys. Rev. D **81**, 111103 (2010)
168. P. del Amo Sanchez *et al.* [The BABAR Collaboration], “Observation of the Rare Decay  $B^0 \rightarrow K_s K^{+-} \pi^{-+}$ ,” Phys. Rev. D **82**, 031101 (2010)
169. J. P. Lees *et al.* [BaBar Collaboration], “Limits on tau Lepton-Flavor Violating Decays in three charged leptons,” Phys. Rev. D **81**, 111101 (2010)
170. P. del Amo Sanchez *et al.* [The BABAR Collaboration], “Test of lepton universality in  $\Upsilon(1S)$  decays at BaBar,” Phys. Rev. Lett. **104**, 191801 (2010)
171. J. P. Lees *et al.* [The BABAR Collaboration], “Measurement of the  $\gamma\gamma^* \rightarrow \eta_c$  transition form factor,” Phys. Rev. D **81**, 052010 (2010)
172. B. Aubert *et al.* [BABAR Collaboration], “Observation of the  $\chi_{c2}(2P)$  meson in the reaction  $\gamma\gamma \rightarrow D\bar{D}$  at BABAR,” Phys. Rev. D **81**, 092003 (2010)
173. J. P. Lees *et al.* [The BABAR Collaboration], “Search for Charged Lepton Flavor Violation in Narrow Upsilon Decays,” Phys. Rev. Lett. **104**, 151802 (2010)
174. B. Aubert *et al.* [BABAR Collaboration], “Measurements of Charged Current Lepton Universality and  $|V_{us}|$  using Tau Lepton Decays to  $e^- \bar{\nu}_e \nu_\tau$ ,  $\mu^- \bar{\nu}_\mu \nu_\tau$ ,  $\pi^- \nu_\tau$ , and  $K^- \nu_\tau$ ,” Phys. Rev. Lett. **105**, 051602 (2010)
175. B. Aubert *et al.* [BaBar Collaboration], “Observation of inclusive  $D^{*\pm}$  production in the decay of  $\Upsilon(1S)$ ,” Phys. Rev. D **81**, 011102 (2010)
176. B. Aubert *et al.* [BABAR Collaboration], “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  $B^0 \rightarrow a_1(1260)^{+-} \pi^{-+}$ ,” Phys. Rev. D **81**, 052009 (2010)
177. B. Aubert *et al.* [BABAR Collaboration], “Searches for Lepton Flavor Violation in the Decays  $\tau \rightarrow e\gamma$  and  $\tau \rightarrow \mu\gamma$ ,” Phys. Rev. Lett. **104**, 021802 (2010)

178. B. Aubert *et al.* [BABAR Collaboration], “Measurement and interpretation of moments in inclusive semileptonic decays  $\bar{B} \rightarrow X_c l^- \bar{\nu}$ ,” Phys. Rev. D **81**, 032003 (2010)
179. B. Aubert *et al.* [BABAR Collaboration], “Measurement of  $|V_{cb}|$  and the Form-Factor Slope in  $\bar{B} \rightarrow D l^- \bar{\nu}$  Decays in Events Tagged by a Fully Reconstructed  $B$  Meson,” Phys. Rev. Lett. **104**, 011802 (2010)
180. B. Aubert *et al.* [BaBar Collaboration], “Observation of inclusive  $D^{*\pm}$  production in the decay of  $\Upsilon(1S)$ ,” Phys. Rev. D **81**, 011102 (2010)
181. S. Stracka *et al.* [BABAR Collaboration], “Rare charmless  $B$  decays at the B-factories,” Nuovo Cim. **32C**, 163 (2009).
182. W. Dunwoodie *et al.* [BaBar Collaboration], “New states and charmonium spectroscopy at BaBar,” Nucl. Phys. A **827**, 291C (2009).
183. B. Aubert *et al.* [BaBar Collaboration], “Measurement of CP violation observables and parameters for the decays  $B^\pm \rightarrow DK^{*\pm}$ ,” Phys. Rev. D **80**, 092001 (2009)
184. B. Aubert *et al.* [BABAR Collaboration], “Measurements of the  $\tau$  Mass and Mass Difference of the  $\tau^+$  and  $\tau^-$  at BaBar,” Phys. Rev. D **80**, 092005 (2009)
185. B. Aubert *et al.* [BABAR Collaboration], “Precise measurement of the  $e^+e^- \rightarrow \pi^+\pi^-(\gamma)$  cross section with the Initial State Radiation method at BABAR,” Phys. Rev. Lett. **103**, 231801 (2009)
186. B. Aubert *et al.* [BABAR Collaboration], “A Search for Invisible Decays of the  $\Upsilon(1S)$ ,” Phys. Rev. Lett. **103**, 251801 (2009)
187. B. Aubert *et al.* [BABAR Collaboration], “Study of  $D_{sJ}$  decays to  $D^*K$  in inclusive  $e^+e^-$  interactions,” Phys. Rev. D **80**, 092003 (2009)
188. B. Aubert *et al.* [BABAR Collaboration], “Measurement of  $D^0 - \bar{D}^0$  Mixing using the Ratio of Lifetimes for the Decays  $D^0 \rightarrow K^-\pi^+$  and  $K^+K^-$ ,” Phys. Rev. D **80**, 071103 (2009)
189. B. Aubert *et al.* [BABAR Collaboration], “Observation of the baryonic  $B$ -decay  $\bar{B}^0 \rightarrow \Lambda_c^+ \bar{p} K^- \pi^+$ ,” Phys. Rev. D **80**, 051105 (2009)
190. B. Aubert *et al.* [BABAR Collaboration], “Search for  $B$ -meson decays to  $b_1\rho$  and  $b_1K^*$ ,” Phys. Rev. D **80**, 051101 (2009)
191. B. Aubert *et al.* [BABAR Collaboration], “Observation and Polarization Measurement of  $B^0 \rightarrow a_1(1260)^+ a_1(1260)^-$  Decay,” Phys. Rev. D **80**, 092007 (2009)
192. B. Aubert *et al.* [The BABAR Collaboration], “ $B$  meson decays to charmless meson pairs containing  $\eta$  or  $\eta'$  mesons,” Phys. Rev. D **80**, 112002 (2009)



193. B. Aubert *et al.* [BABAR Collaboration], “A Model-independent search for the decay  $B^+ \rightarrow l^+ \nu(l) \gamma$ ,” *Phys. Rev. D* **80**, 111105 (2009)
194. B. Aubert *et al.* [BABAR Collaboration], “Search for a low-mass Higgs boson in  $\Upsilon(3S) \rightarrow \gamma A^0$ ,  $A^0 \rightarrow \tau^+ \tau^-$  at BABAR,” *Phys. Rev. Lett.* **103**, 181801 (2009)
195. B. Aubert *et al.* [BABAR Collaboration], “Measurement of Branching Fractions and  $CP$  and Isospin Asymmetries in  $B \rightarrow K^* (892) \gamma$  Decays,” *Phys. Rev. Lett.* **103**, 211802 (2009)
196. B. Aubert *et al.* [The BABAR Collaboration], “Measurement of the  $\gamma \gamma^* \rightarrow \pi^0$  transition form factor,” *Phys. Rev. D* **80**, 052002 (2009)
197. B. Aubert *et al.* [BABAR Collaboration], “Search for Dimuon Decays of a Light Scalar Boson in Radiative Transitions  $\Upsilon \rightarrow \gamma A^0$ ,” *Phys. Rev. Lett.* **103**, 081803 (2009)
198. B. Aubert *et al.* [BABAR Collaboration], “Time-dependent amplitude analysis of  $B^0 \rightarrow K_S^0 \pi^+ \pi^-$ ,” *Phys. Rev. D* **80**, 112001 (2009)
199. B. Aubert *et al.* [BABAR Collaboration], “Search for  $B^0$  Meson Decays to  $\pi^0 K_S^0 K_S^0$ ,  $\eta K_S^0 K_S^0$ , and  $\eta' K_S^0 K_S^0$ ,” *Phys. Rev. D* **80**, 011101 (2009)
200. B. Aubert *et al.* [BABAR Collaboration], “Measurement of the Branching Fraction and  $\Lambda$  Polarization in  $B^0 \rightarrow \bar{\Lambda} p \pi^-$ ,” *Phys. Rev. D* **79**, 112009 (2009)
201. B. Aubert *et al.* [BABAR Collaboration], “Measurement of  $|V_{cb}|$  and the Form-Factor Slope in  $\bar{B} \rightarrow D l^- \bar{n} u$  Decays in Events Tagged by a Fully Reconstructed  $B$  Meson,” *Phys. Rev. Lett.* **104**, 011802 (2010)
202. B. Aubert *et al.* [BABAR Collaboration], “Search for Second-Class Currents in  $\tau^- \rightarrow \omega \pi^- \nu_{\tau}$ ,” *Phys. Rev. Lett.* **103**, 041802 (2009)
203. B. Aubert *et al.* [BABAR Collaboration], “Search for  $b \rightarrow u$  transitions in  $B^0 \rightarrow D^0 K^{*0}$  decays,” *Phys. Rev. D* **80**, 031102 (2009)
204. B. Aubert *et al.* [BABAR Collaboration], “Improved limits on lepton flavor violating  $\tau$  decays to  $l \phi$ ,  $l \rho$ ,  $l K^*$  and  $l \bar{K}^*$ ,” *Phys. Rev. Lett.* **103**, 021801 (2009)
205. B. Aubert *et al.* [BABAR Collaboration], “Exclusive Initial-State-Radiation Production of the  $D\bar{D}$ ,  $D\bar{D}^*$ , and  $D^* \bar{D}^*$  Systems,” *Phys. Rev. D* **79**, 092001 (2009)
206. B. Aubert *et al.* [BABAR Collaboration], “Search for the Rare Leptonic Decays  $B l \nu (l = e, \mu)$ ,” *Phys. Rev. D* **79**, 091101 (2009)
207. B. Aubert *et al.* [BABAR Collaboration], “Evidence for the  $\eta_b(1S)$  Meson in Radiative  $\Upsilon(2S)$  Decay,” *Phys. Rev. Lett.* **103**, 161801 (2009)
208. B. Aubert *et al.* [BABAR Collaboration], “Measurement of the Semileptonic Decays  $B \rightarrow D \tau^- \bar{n} u_{\tau}$  and  $B \rightarrow D^* \tau^- \bar{n} u_{\tau}$ ,” *Phys. Rev. D* **79**, 092002 (2009)

209. B. Aubert *et al.* [BABAR Collaboration], “Dalitz Plot Analysis of  $B^\pm \rightarrow \pi^\pm \pi^\pm \pi^\mp$  Decays,” Phys. Rev. D **79**, 072006 (2009)
210. B. Aubert *et al.* [BABAR Collaboration], “Measurement of Time-Dependent  $CP$  Asymmetry in  $B^0 \rightarrow c\bar{c}K(^*)^0$  Decays,” Phys. Rev. D **79**, 072009 (2009)
211. B. Aubert *et al.* [BABAR Collaboration], “Observation of  $B$  Meson Decays to  $\omega K^*$  and Improved Measurements for  $\omega\rho$  and  $\omega f_0$ ,” Phys. Rev. D **79**, 052005 (2009)
212. B. Aubert *et al.* [BaBar Collaboration], “Improved Measurement of  $B^+ \rightarrow \rho^+ \rho^0$  and Determination of the Quark-Mixing Phase Angle  $\alpha$ ,” Phys. Rev. Lett. **102**, 141802 (2009)
213. B. Aubert *et al.* [BABAR Collaboration], “Dalitz Plot Analysis of  $B^- \rightarrow D^+ \pi^- \pi^-$ ,” Phys. Rev. D **79**, 112004 (2009)
214. B. Aubert *et al.* [BABAR Collaboration], “Evidence for  $B^+ \rightarrow K^{*-0} K^{*+}$ ,” Phys. Rev. D **79**, 051102 (2009)
215. B. Aubert *et al.* [BaBar Collaboration], “Search for Lepton Flavour Violating Decays  $\tau \rightarrow \ell K_S^0$  with the BaBar Experiment,” Phys. Rev. D **79**, 012004 (2009)
216. B. Aubert *et al.* [BABAR Collaboration], “Search for the decay  $B^+ \rightarrow K_S^0 K_S^0 \pi^+$ ,” Phys. Rev. D **79**, 051101 (2009)
217. B. Aubert *et al.* [BABAR Collaboration], “Search for the  $Z(4430)^-$  at BABAR,” Phys. Rev. D **79**, 112001 (2009)
218. B. Aubert *et al.* [BABAR Collaboration], “Measurement of the  $e^+e^- \rightarrow b\bar{b}$  cross section between  $\sqrt{s} = 10.54$ -GeV and 11.20-GeV,” Phys. Rev. Lett. **102**, 012001 (2009)
219. B. Aubert *et al.* [BABAR Collaboration], “Measurement of time dependent  $CP$  asymmetry parameters in  $B^0$  meson decays to  $\omega K_S^0$ ,  $\eta' K^0$ , and  $\pi^0 K_S^0$ ,” Phys. Rev. D **79**, 052003 (2009)
220. B. Aubert *et al.* [BABAR Collaboration], “Evidence for  $X(3872) \rightarrow \psi_{2S} \gamma$  in  $B^\pm \rightarrow X_{3872} K^\pm$  decays, and a study of  $B \rightarrow c\bar{c} \gamma K$ ,” Phys. Rev. Lett. **102**, 132001 (2009)
221. B. Aubert *et al.* [BABAR Collaboration], “Measurement of the  $B^+ \rightarrow \omega \ell^+ \nu$  and  $B^+ \rightarrow \eta \ell^+ \nu$  Branching Fractions,” Phys. Rev. D **79**, 052011 (2009)
222. B. Aubert *et al.* [BABAR Collaboration], “Measurements of time-dependent  $CP$  asymmetries in  $B^0 \rightarrow D^{(*)} + D^{(*)}$  - decays,” Phys. Rev. D **79**, 032002 (2009)
223. B. Aubert *et al.* [BABAR Collaboration], “Measurements of the Semileptonic Decays  $\bar{B} \rightarrow D \ell \bar{\nu}$  and  $\bar{B} \rightarrow D^* \ell \bar{\nu}$  Using a Global Fit to  $DX \ell \bar{\nu}$  Final States,” Phys. Rev. D **79**, 012002 (2009)

224. B. Aubert *et al.* [BABAR Collaboration], “Measurement of the Branching Fractions of the Radiative Charm Decays  $D^0 \rightarrow \bar{K}^{*0}\gamma$  and  $D^0 \rightarrow \phi\gamma$ ,” Phys. Rev. D **78**, 071101 (2008)
225. B. Aubert *et al.* [BABAR Collaboration], “Observation of  $B^0 \rightarrow \chi_c^0 K^{*0}$  and evidence for  $B^+ \rightarrow \chi_c^0 K^{*+}$ ,” Phys. Rev. D **78**, 091101 (2008)
226. B. Aubert *et al.* [BABAR Collaboration], “Measurements of Branching Fractions for  $B^+ \rightarrow \rho^+\gamma$ ,  $B^0 \rightarrow \rho^0\gamma$ , and  $B^0 \rightarrow \omega\gamma$ ,” Phys. Rev. D **78**, 112001 (2008)
227. B. Aubert *et al.* [BABAR Collaboration], “Search for  $B \rightarrow K^*\nu\bar{n}u$  decays,” Phys. Rev. D **78**, 072007 (2008)
228. B. Aubert *et al.* [BABAR Collaboration], “Search for the highly suppressed decays  $B^- \rightarrow K^+\pi^-\pi^-$  and  $B^- \rightarrow K^-K^-\pi^+$ ,” Phys. Rev. D **78**, 091102 (2008)
229. B. Aubert *et al.* [BABAR Collaboration], “Measurement of the Branching Fractions of  $\bar{B} \rightarrow D^{**}l^-\bar{\nu}_l$  Decays in Events Tagged by a Fully Reconstructed  $B$  Meson,” Phys. Rev. Lett. **101**, 261802 (2008)
230. B. Aubert *et al.* [BaBar Collaboration], “Measurement of the Branching Fraction, Polarization, and CP Asymmetries in  $B^0 \rightarrow \rho^0\rho^0$  Decay, and Implications for the CKM Angle  $\alpha$ ,” Phys. Rev. D **78**, 071104 (2008)
231. B. Aubert *et al.* [BABAR Collaboration], “Measurements of  $\mathcal{B}(\bar{B}^0 \rightarrow \Lambda_c^+\bar{p})$  and  $\mathcal{B}(B^- \rightarrow \Lambda_c^+\bar{p}\pi^-)$  and Studies of  $\Lambda_c^+\pi^-$  Resonances,” Phys. Rev. D **78**, 112003 (2008)
232. B. Aubert *et al.* [BaBar Collaboration], “Searches for  $B$  meson decays to  $\phi\phi$ ,  $\phi\rho$ ,  $\phi f_0(980)$ , and  $f_0(980)f_0(980)$  final states,” Phys. Rev. Lett. **101**, 201801 (2008)
233. B. Aubert *et al.* [BABAR Collaboration], “Measurement of Time-Dependent CP Asymmetry in  $B^0 \rightarrow K_S\pi^0\gamma$  Decays,” Phys. Rev. D **78**, 071102 (2008)
234. B. Aubert *et al.* [BABAR Collaboration], “Measurement of Ratios of Branching Fractions and CP-Violating Asymmetries of  $B \rightarrow D^*K$  Decays,” Phys. Rev. D **78**, 092002 (2008)
235. B. Aubert *et al.* [BABAR Collaboration], “Study of hadronic transitions between  $\Upsilon$  states and observation of  $\Upsilon(4S) \rightarrow \eta\Upsilon(1S)$  decay,” Phys. Rev. D **78**, 112002 (2008)
236. B. Aubert *et al.* [BABAR Collaboration], “Study of the decay  $D_s^+ \rightarrow K^+K^-e^+\nu$ ,” Phys. Rev. D **78**, 051101 (2008)
237. B. Aubert *et al.* [BABAR Collaboration], “Search for  $B^0 \rightarrow K^{*+}K^{*-}$ ,” Phys. Rev. D **78**, 051103 (2008)
238. B. Aubert *et al.* [BABAR Collaboration], “Observation and Polarization Measurements of  $B^{+-} \rightarrow \phi K_1^{+-}$  and  $B^{+-} \rightarrow \phi K_2^{*+-}$ ,” Phys. Rev. Lett. **101**, 161801 (2008)

239. B. Aubert *et al.* [BaBar Collaboration], “Observation of  $e^+e^- \rightarrow \rho^+\rho^-$  near  $\sqrt{s} = 10.58$  GeV,” Phys. Rev. D **78**, 071103 (2008)
240. B. Aubert *et al.* [BABAR Collaboration], “A Measurement of CP Asymmetry in  $b \rightarrow s\gamma$  using a Sum of Exclusive Final States,” Phys. Rev. Lett. **101**, 171804 (2008)
241. B. Aubert *et al.* [BABAR Collaboration], “Branching Fractions and CP-Violating Asymmetries in Radiative  $B$  Decays to  $\eta K\gamma$ ,” Phys. Rev. D **79**, 011102 (2009)
242. B. Aubert *et al.* [BABAR Collaboration], “Observation of  $B^+ \rightarrow b_1^+ K^0$  and search for  $B$ -meson decays to  $b_1^0 K^0$  and  $b_1 \pi^0$ ,” Phys. Rev. D **78**, 011104 (2008)
243. B. Aubert *et al.* [BABAR Collaboration], “Measurement of the Mass Difference  $m(B^0) - m(B^+)$ ,” Phys. Rev. D **78**, 011103 (2008)
244. B. Aubert *et al.* [BABAR Collaboration], “Study of B-meson decays to  $\eta_c K^{(*)}$ ,  $\eta_c(2S) K^{(*)}$  and  $\eta_c \gamma K^{(*)}$ ,” Phys. Rev. D **78**, 012006 (2008)
245. B. Aubert *et al.* [BABAR Collaboration], “Study of  $B$  Meson Decays with Excited  $\eta$  and  $\eta'$  Mesons,” Phys. Rev. Lett. **101**, 091801 (2008)
246. B. Aubert *et al.* [BABAR Collaboration], “Search for CP Violation in Neutral D Meson Cabibbo-suppressed Three-body Decays,” Phys. Rev. D **78**, 051102 (2008)
247. B. Aubert *et al.* [BABAR Collaboration], “Observation of the bottomonium ground state in the decay  $\Upsilon(3S) \rightarrow \gamma \eta_b$ ,” Phys. Rev. Lett. **101**, 071801 (2008)
248. B. Aubert *et al.* [BABAR Collaboration], “Measurements of  $B \rightarrow \{\pi, \eta, \eta'\} l \nu$  Branching Fractions and Determination of  $|V_{ub}|$  with Semileptonically Tagged  $B$  Mesons,” Phys. Rev. Lett. **101**, 081801 (2008)
249. B. Aubert *et al.* [BABAR Collaboration], “Evidence for CP violation in  $B^0 \rightarrow J/\Psi \pi^0$  decays,” Phys. Rev. Lett. **101**, 021801 (2008)
250. B. Aubert *et al.* [BABAR Collaboration], “Improved measurement of the CKM angle  $\gamma$  in  $B^{-+} \rightarrow D^{(*)} K^{(*)-+}$  decays with a Dalitz plot analysis of  $D$  decays to  $K_S^0 \pi^+ \pi^-$  and  $K_S^0 K^+ K^-$ ,” Phys. Rev. D **78**, 034023 (2008)
251. B. Aubert *et al.* [BABAR Collaboration], “Observation of  $B \rightarrow \eta \rho^+$  and search for  $B^0$  Decays to  $\eta' \eta$ ,  $\eta \pi^0$ ,  $\eta' \pi^0$ , and  $\omega \pi^0$ ,” Phys. Rev. D **78**, 011107 (2008)
252. B. Aubert *et al.* [BaBar Collaboration], “Measurement of the  $\tau \rightarrow 3\pi \eta \nu$  Branching Fraction and a Search for a Second-Class Current in the  $\tau \rightarrow \eta'(958) \pi \nu$  Decay,” Phys. Rev. D **77**, 112002 (2008)
253. B. Aubert *et al.* [BABAR Collaboration], “Measurement of the Spin of the Xi(1530) Resonance,” Phys. Rev. D **78**, 034008 (2008)

254. B. Aubert *et al.* [BABAR Collaboration], “A study of  $B \rightarrow X(3872)K$ , with  $X(3872) \rightarrow J/\Psi\pi^+\pi^-$ ,” Phys. Rev. D **77**, 111101 (2008)
255. B. Aubert *et al.* [BABAR Collaboration], “Measurement of the Branching Fractions of the Rare Decays  $B^0 \rightarrow D_s^{(*)+}\pi^-$ ,  $B^0 \rightarrow D_s^{(*)+}\rho^-$ , and  $B^0 \rightarrow D_s^{(*)-}K^{(*)+}$ ,” Phys. Rev. D **78**, 032005 (2008)
256. B. Aubert *et al.* [BABAR Collaboration], “Evidence for Direct CP Violation from Dalitz-plot analysis of  $B^\pm \rightarrow K^\pm\pi^\pm\pi^\mp$ ,” Phys. Rev. D **78**, 012004 (2008)
257. B. Aubert *et al.* [BABAR Collaboration], “Measurement of CP observables in  $B^- \rightarrow D_{CP}^0 K^-$  decays,” Phys. Rev. D **77**, 111102 (2008)
258. B. Aubert *et al.* [BABAR Collaboration], “Searches for the decays  $B^0 \rightarrow l^+\tau^-$  and  $B^+ \rightarrow l^+\nu$  ( $l = e, \mu$ ) using hadronic tag reconstruction,” Phys. Rev. D **77**, 091104 (2008)
259. B. Aubert *et al.* [BaBar Collaboration], “Study of  $B^0 \rightarrow l^+l'^-$  decays ( $l, l' = e, \mu$ ),” Phys. Rev. D **77**, 032007 (2008)
260. B. Aubert *et al.* [BABAR Collaboration], “Measurement of D0-anti-D0 Mixing using the Ratio of Lifetimes for the Decays  $D^0 \rightarrow K^-\pi^+$ ,  $K^-K^+$ , and  $\pi^-\pi^+$ ,” Phys. Rev. D **78**, 011105 (2008)
261. B. Aubert *et al.* [BABAR Collaboration], “Time-dependent Dalitz plot analysis of  $B^0 \rightarrow D^{-(+)}K^0\pi^{+(-)}$  decays,” Phys. Rev. D **77**, 071102 (2008)
262. B. Aubert *et al.* [BABAR Collaboration], “Measurement of the Decay  $B^- \rightarrow D^{*0}e^-\bar{\nu}$ ,” Phys. Rev. Lett. **100**, 231803 (2008)
263. B. Aubert *et al.* [BABAR Collaboration], “A Measurement of the Branching Fractions of exclusive  $\bar{B} \rightarrow D^{(*)}(\pi)l - \bar{\nu}$  Decays in Events with a Fully Reconstructed B Meson,” Phys. Rev. Lett. **100**, 151802 (2008)
264. B. Aubert *et al.* [BABAR Collaboration], “Search for Lepton Flavor Violating Decays  $\tau^\pm \rightarrow l^\pm\omega$  ( $l = e, \mu$ ),” Phys. Rev. Lett. **100**, 071802 (2008)
265. B. Aubert *et al.* [BaBar Collaboration], “Observation of  $Y(3940) \rightarrow J/\psi\omega$  in  $B \rightarrow J/\psi\omega K$  at BABAR,” Phys. Rev. Lett. **101**, 082001 (2008)
266. B. Aubert *et al.* [BABAR Collaboration], “Search for CPT and Lorentz Violation in  $B^0 - \bar{B}^0$  Oscillations with Dilepton Events,” Phys. Rev. Lett. **100**, 131802 (2008)
267. B. Aubert *et al.* [BABAR Collaboration], “Measurement of the  $B \rightarrow X_s\gamma$  Branching Fraction and Photon Energy Spectrum using the Recoil Method,” Phys. Rev. D **77**, 051103 (2008)

268. B. Aubert *et al.* [BaBar Collaboration], “Measurements of  $e^+e^- \rightarrow K^+K^-\eta$ ,  $K^+K^-\pi^0$  and  $K_s K^+\pi^-$  Cross Sections Using Initial State Radiation Events,” Phys. Rev. D **77**, 092002 (2008)
269. “A Study of Excited Charm-Strange Baryons with Evidence for new Baryons  $\Xi_c(3055)^+$  and  $\Xi_c(3123)^+$ ” B. Aubert *et al.* [BABAR Collaboration] Phys. Rev. D **77**, 012002 (2008)
270. “Study of  $e^+e^- \rightarrow \Lambda\bar{\Lambda}$ ,  $\Lambda\bar{\Sigma}^0$ ,  $\Sigma^0\bar{\Sigma}^0$  using Initial State Radiation with BABAR” B. Aubert *et al.* [BABAR Collaboration] Phys. Rev. D **76**, 092006 (2007)
271. “Observation of the Semileptonic Decays  $B \rightarrow D^* \tau \bar{n} u$  and Evidence for  $B \rightarrow D \tau \bar{\nu}$ ” B. Aubert *et al.* [BABAR Collaboration] Phys. Rev. Lett. **100**, 021801 (2008)
272. “Improved Limits on the Lepton-Flavor Violating Decays  $\tau^- \rightarrow l^- l^+ l^-$ ” B. Aubert *et al.* [BABAR Collaboration] Phys. Rev. Lett. **99**, 251803 (2007)
273. “Measurements of the Branching Fractions of  $B^0 \rightarrow K^{*0} K^+ K^-$ ,  $B^0 \rightarrow K^{*0} \pi^+ K^-$ ,  $B^0 \rightarrow K^{*0} K^+ \pi^-$ , and  $B^0 \rightarrow K^{*0} \pi^+ \pi^-$ ” B. Aubert *et al.* [BABAR Collaboration] Phys. Rev. D **76**, 071104 (2007)
274. “The  $e^+e^- \rightarrow 2(\pi^+\pi^-)\pi^0$ ,  $2(\pi^+\pi^-)\eta$ ,  $K^+K^-\pi^+\pi^-\pi^0$  and  $K^+K^-\pi^+\pi^-\eta$  Cross Sections Measured with Initial-State Radiation” B. Aubert *et al.* [BABAR Collaboration] Phys. Rev. D **76**, 092005 (2007)
275. “A search for  $B^+ \rightarrow \tau^+ \nu$  with Hadronic B tags” B. Aubert *et al.* [BABAR Collaboration] Phys. Rev. D **77**, 011107 (2008)
276. “Study of Resonances in Exclusive B Decays to  $D^*(*)D^*(*)K$ ” B. Aubert *et al.* [BABAR Collaboration] Phys. Rev. D **77**, 011102 (2008)
277. “Improved Measurement of Time-Dependent CP Asymmetries and the CP-Odd Fraction in the Decay  $B^0 \rightarrow D^{*+} D^{*-}$ ” B. Aubert *et al.* [BaBar Collaboration] Phys. Rev. D **76**, 111102 (2007)
278. “Measurement of  $\cos(2\beta)$  in  $B^0 \rightarrow D^*(*)h^0$  Decays with a Time-Dependent Dalitz Plot Analysis of  $D \rightarrow K_S \pi^+ \pi^-$ ” B. Aubert *et al.* [BABAR Collaboration] Phys. Rev. Lett. **99**, 231802 (2007)
279. “Search for the decay  $B^+ \rightarrow K^+ \tau^\pm \mu^\pm$ ” B. Aubert *et al.* [BABAR Collaboration] Phys. Rev. Lett. **99**, 201801 (2007)
280. “Search for the rare charmless hadronic decay  $B^+ \rightarrow a_0^+ \pi^0$ ” B. Aubert *et al.* [The BABAR Collaboration] Phys. Rev. D **77**, 011101 (2008) [Erratum-ibid. D **77**, 019904 (2008)]
281. “Observation of the Decay  $B^+ \rightarrow K^+ K^- \pi^+$ ” B. Aubert *et al.* [BABAR Collaboration] Phys. Rev. Lett. **99**, 221801 (2007)

282. “Search for  $b \rightarrow u$  transitions in  $B^- \rightarrow [K^+\pi^-\pi^0]_D K^-$ ” B. Aubert *et al.* [The BABAR Collaboration] Phys. Rev. D **76**, 111101 (2007)
283. “Evidence for charged B meson decays to  $a_1(1260)^+/- \pi^0$  and  $a_1(1260)^0 \pi^\pm$ ” B. Aubert *et al.* [BABAR Collaboration] Phys. Rev. Lett. **99**, 261801 (2007)
284. “Observation of B-meson decays to  $b_1\pi$  and  $b_1K$ ” B. Aubert *et al.* [The BABAR Collaboration] Phys. Rev. Lett. **99**, 241803 (2007)
285. “Exclusive branching fraction measurements of semileptonic tau decays into three charged hadrons,  $\tau^- \rightarrow \phi\pi^-\nu_\tau$  and  $\tau^- \rightarrow \phi K^-\nu_\tau$ ” B. Aubert *et al.* [BABAR Collaboration] Phys. Rev. Lett. **100**, 011801 (2008)
286. “Measurement of the CP-Violating Asymmetries in  $B^0 \rightarrow K_S\pi^0$  and of the Branching Fraction of  $B^0 \rightarrow K^0\pi^0$ ” B. Aubert *et al.* [BABAR Collaboration] Phys. Rev. D **77**, 012003 (2008)
287. “Measurement of the  $\tau^- \rightarrow K^-\pi^0\nu_\tau$  Branching Fraction” B. Aubert *et al.* [BABAR Collaboration] Phys. Rev. D **76**, 051104 (2007)
288. “Study of  $B^0 \rightarrow \pi^0\pi^0$ ,  $B \rightarrow \pi\pi^0$ , and  $B \rightarrow K\pi^0$  Decays, and Isospin Analysis of  $B \rightarrow \pi\pi$  Decays” B. Aubert *et al.* [BABAR Collaboration] Phys. Rev. D **76**, 091102 (2007)
289. “Evidence for the  $B^0 \rightarrow p\bar{p}K^{*0}$  and  $B^+ \rightarrow \eta_c K^{*+}$  decays and Study of the Decay Dynamics of B Meson Decays into  $p\bar{p}h$  Final States” B. Aubert *et al.* [BaBar Collaboration] Phys. Rev. D **76**, 092004 (2007)
290. “Search for Prompt Production of  $\chi_c$  and X(3872) in  $e^+e^-$  Annihilations” B. Aubert *et al.* [BABAR Collaboration] Phys. Rev. D **76**, 071102 (2007)
291. “Branching fraction and CP-violation charge asymmetry measurements for B-meson decays to  $\eta K^{+-}$ ,  $\eta\pi^{+-}$ ,  $\eta'K$ ,  $\eta'\pi^{+-}$ ,  $\omega K$ , and  $\omega\pi^{+-}$ ” B. Aubert *et al.* [BABAR Collaboration] Phys. Rev. D **76**, 031103 (2007)
292. “Measurements of CP-Violating Asymmetries in the Decay  $B^0 \rightarrow K^+K^-K^0$ ” B. Aubert *et al.* [BABAR Collaboration] Phys. Rev. Lett. **99**, 161802 (2007)
293. “Search for the Decays  $B^0 \rightarrow e^+e^-\gamma$  and  $B^0 \rightarrow \mu^+\mu^-\gamma$ ” B. Aubert *et al.* [BABAR Collaboration] Phys. Rev. D **77**, 011104 (2008)
294. “Search for the decay  $B^+ \rightarrow \bar{K}^{*0}(892)K^+$ ” B. Aubert *et al.* [The BaBar Collaboration] Phys. Rev. D **76**, 071103 (2007)
295. “A Study of  $B^0$  to  $\rho^+\rho^-$  Decays and Constraints on the CKM Angle  $\alpha$ ” B. Aubert *et al.* [Babar Collaboration] Phys. Rev. D **76**, 052007 (2007)

296. B. Aubert *et al.* [BABAR Collaboration], “A search for  $B^+ \rightarrow \tau^+ \nu$  with Hadronic B tags,” Phys. Rev. D **76**, 052002 (2007)
297. B. Aubert *et al.* [BABAR Collaboration], “Branching fraction and CP-violation charge asymmetry measurements for B-meson decays to  $\eta$   $K^{+-}$ ,  $\eta \pi^+ \pi^-$ ,  $\eta' K$ ,  $\eta' \pi^+ \pi^-$ ,  $\omega K$ , and  $\omega \pi^+ \pi^-$ ,” Phys. Rev. D **76**, 031103 (2007)
298. B. Aubert *et al.* [Babar Collaboration], “A Study of  $B^0$  to  $\rho^+ \rho^-$  Decays and Constraints on the CKM Angle  $\alpha$ ,” Phys. Rev. D **76**, 052007 (2007)
299. B. Aubert *et al.* [BaBar Collaboration], “Measurement of CP-Violating Asymmetries in  $B \rightarrow D^{(*)\pm} D \mp$ ,” Phys. Rev. Lett. **99**, 071801 (2007)
300. B. Aubert *et al.* [BABAR Collaboration], “Search for  $D^0$  - anti- $D^0$  mixing using doubly flavor tagged semileptonic decay modes,” Phys. Rev. D **76**, 014018 (2007)
301. B. Aubert *et al.* [BABAR Collaboration], “Search for  $B^0 \rightarrow \Phi (K^+ \pi^-)$  decays with large  $K^+ \pi^-$  invariant mass,” Phys. Rev. D **76**, 051103 (2007)
302. B. Aubert *et al.* [BABAR Collaboration], “Branching fraction and charge asymmetry measurements in  $B \rightarrow J/\psi \pi^+ \pi^-$  decays,” Phys. Rev. D **76**, 031101 (2007)
303. B. Aubert *et al.* [BABAR Collaboration], “Measurement of decay amplitudes of  $B \rightarrow (c \text{ anti-}c) K^*$  with an angular analysis, for  $(c \text{ anti-}c) = J/\psi, \omega(2S)$  and  $\chi(c1)$ ,” Phys. Rev. D **76**, 031102 (2007)
304. B. Aubert *et al.* [BABAR Collaboration], “The  $e^+e^- \rightarrow K^+ K^- \pi^+ \pi^-$ ,  $K^+ K^- \pi^0 \pi^0$  and  $K^+ K^- K^+ K^-$  Cross Sections Measured with Initial-State Radiation,” Phys. Rev. D **76**, 012008 (2007)
305. B. Aubert *et al.* [BABAR Collaboration], “Search for neutral B-meson decays to  $a_0 \pi$ ,  $a_0 K$ ,  $\eta \rho^0$ , and  $\eta f_0$ ,” Phys. Rev. D **75**, 111102 (2007)
306. B. Aubert *et al.* [BABAR Collaboration], “Production and decay of  $\Omega/c_0$ ,” Phys. Rev. Lett. **99**, 062001 (2007)
307. B. Aubert *et al.* [BABAR Collaboration], “Measurement of the relative branching fractions of anti- $B \rightarrow D / D^* / D^{**} l^- \text{ anti-}\nu/l$  decays in events with a fully reconstructed B meson,” Phys. Rev. D **76**, 051101 (2007)
308. B. Aubert *et al.* [BABAR Collaboration], “Evidence for  $D^0$  - anti- $D^0$  mixing,” Phys. Rev. Lett. **98**, 211802 (2007)
309. B. Aubert *et al.* [BABAR Collaboration], “Evidence for  $B^0 \rightarrow \rho^0 \rho^0$  Decay and Implications for the CKM Angle  $\alpha$ ,” Phys. Rev. Lett. **98**, 111801 (2007)
310. B. Aubert *et al.* [BABAR Collaboration], “Measurement of the  $B^0 \rightarrow \pi^- l^+ \nu$  form-factor shape and branching fraction, and determination of  $|V_{ub}|$  with a loose neutrino reconstruction technique,” Phys. Rev. Lett. **98**, 091801 (2007)



311. B. Aubert *et al.* [BABAR Collaboration], “Branching Fraction Measurements of  $B^+ \rightarrow \rho^+ \gamma$ ,  $B^0 \rightarrow \rho^0 \gamma$ , and  $B^0 \rightarrow \omega \gamma$ ,” *Phys. Rev. Lett.* **98**, 151802 (2007)
312. B. Aubert *et al.* [BABAR Collaboration], “Measurement of B decays to  $\Phi K \gamma$ ,” *Phys. Rev. D* **75**, 051102 (2007)
313. B. Aubert *et al.* [BABAR Collaboration], “Evidence for the rare decay  $B^+ \rightarrow D/s^+ \pi^0$ ,” *Phys. Rev. Lett.* **98**, 171801 (2007)
314. B. Aubert *et al.* [BABAR Collaboration], “Observation of the exclusive reaction  $e^+ e^- \rightarrow \Phi \eta$  at  $s^{*}(1/2) = 10.58\text{-GeV}$ ,” *Phys. Rev. D* **74**, 111103 (2006)
315. B. Aubert *et al.* [BABAR Collaboration], “Vector - tensor and vector - vector decay amplitude analysis of  $B^0 \rightarrow \Phi K^{*0}$ ,” *Phys. Rev. Lett.* **98**, 051801 (2007)
316. B. Aubert *et al.* [BABAR Collaboration], “Search for lepton flavor violating decays  $\tau^{+-} \rightarrow l^{+-} \pi^0$ ,  $l^{+-} \eta$ ,  $l^{+-} \eta'$ ,” *Phys. Rev. Lett.* **98**, 061803 (2007)
317. B. Aubert *et al.* [BABAR Collaboration], “Branching fraction measurement of anti- $B^0 \rightarrow D^{(*)+} \pi^-$ ,  $B^- \rightarrow D^{(*)0} \pi^-$  and isospin analysis of anti- $B \rightarrow D^{(*)} \pi$  decays,” *Phys. Rev. D* **75**, 031101 (2007)
318. B. Aubert *et al.* [BABAR Collaboration], “A structure at 2175-MeV in  $e^+ e^- \rightarrow \Phi f_0(980)$  observed via initial-state radiation,” *Phys. Rev. D* **74**, 091103 (2006)
319. B. Aubert *et al.* [BABAR Collaboration], “Observation of CP violation in  $B^0 \rightarrow \eta' K^0$  decays,” *Phys. Rev. Lett.* **98**, 031801 (2007)
320. B. Aubert *et al.* [BABAR Collaboration], “Measurement of the absolute branching fractions  $B \rightarrow D \pi$ ,  $D^* \pi$ ,  $D^{**} \pi$  with a missing mass method,” *Phys. Rev. D* **74**, 111102 (2006)
321. B. Aubert *et al.* [BABAR Collaboration], “Measurement of branching fractions and charge asymmetries in B decays to an  $\eta$  meson and a  $K^*$  meson,” *Phys. Rev. Lett.* **97**, 201802 (2006)
322. B. Aubert *et al.* [BABAR Collaboration], “Search for  $D^0$  anti- $D^0$  mixing and branching-ratio measurement in the decay  $D^0 \rightarrow K^+ \pi^- \pi^0$ ,” *Phys. Rev. Lett.* **97**, 221803 (2006)
323. B. Aubert *et al.* [BABAR Collaboration], “Precise branching ratio measurements of the decays  $D^0 \rightarrow \pi^- \pi^+ \pi^0$  and  $D^0 \rightarrow K^- K^+ \pi^0$ ,” *Phys. Rev. D* **74**, 091102 (2006)
324. B. Aubert *et al.* [BABAR Collaboration], “Measurement of the branching fraction and time-dependent CP asymmetry in the decay  $B^0 \rightarrow D^{*+} D^{*-} K^0(S)$ ,” *Phys. Rev. D* **74**, 091101 (2006)

325. B. Aubert *et al.* [BABAR Collaboration], “Observation of  $B^+ \rightarrow \text{anti-K}^0 K^+$  and  $B^0 \rightarrow K^0 \text{anti-K}^0$ ,” *Phys. Rev. Lett.* **97**, 171805 (2006)
326. B. Aubert *et al.* [BABAR Collaboration], “Observation of an excited charm baryon  $\Omega_{c^*}$  decaying to  $\Omega_c \gamma$ ,” *Phys. Rev. Lett.* **97**, 232001 (2006)
327. B. Aubert *et al.* [BABAR Collaboration], “Measurements of the decays  $B^0 \rightarrow \text{anti-D}^0 p \text{ anti-p}$ ,  $B^0 \rightarrow D^- p \text{ anti-p} \pi^+$ , and  $B^0 \rightarrow D^{*-} p \text{ anti-p} \pi^+$ ,” *Phys. Rev. D* **74**, 051101 (2006)
328. B. Aubert *et al.* [BABAR Collaboration], “Search for  $B^+ \rightarrow X(3872) K^+$ ,  $X(3872) \rightarrow J/\psi \gamma$ ,” *Phys. Rev. D* **74**, 071101 (2006)
329. B. Aubert *et al.* [BABAR Collaboration], “Measurements of branching fractions, polarizations, and direct CP-violation asymmetries in  $B \rightarrow \rho K^*$  and  $B \rightarrow f_0(980) K^*$  decays,” *Phys. Rev. Lett.* **97**, 201801 (2006)
330. B. Aubert *et al.* [BaBar Collaboration], “Searches for  $B^0$  decays to  $\eta K^0$ ,  $\eta \eta$ ,  $\eta' \eta'$ ,  $\eta' \Phi$ , and  $\eta' \Phi$ ,” *Phys. Rev. D* **74**, 051106 (2006)
331. B. Aubert *et al.* [BaBar Collaboration], “Measurement of the branching fraction and photon energy moments of  $B \rightarrow X/s \gamma$  and  $A(\text{CP})(B \rightarrow X(s+d) \gamma)$ ,” *Phys. Rev. Lett.* **97**, 171803 (2006)
332. B. Aubert *et al.* [BABAR Collaboration], “Measurement of the  $B \rightarrow \pi l \nu$  branching fraction and determination of  $|V_{ub}|$  with tagged B mesons,” *Phys. Rev. Lett.* **97**, 211801 (2006)
333. B. Aubert *et al.* [BABAR Collaboration], “Measurement of the ratio  $B(B^+ \rightarrow X e \nu)/B(B^0 \rightarrow X e \nu)$ ,” *Phys. Rev. D* **74**, 091105 (2006)
334. B. Aubert *et al.* [BABAR Collaboration], “Branching fraction measurements of charged B decays to  $K^{*+} K^+ K^-$ ,  $K^{*+} \pi^+ K^-$ ,  $K^{*+} K^+ \pi^-$  and  $K^{*+} \pi^+ \pi^-$  final states,” *Phys. Rev. D* **74**, 051104 (2006)
335. B. Aubert *et al.* [BABAR Collaboration], “Measurement of the spin of the  $\Omega$ -hyperon at BABAR,” *Phys. Rev. Lett.* **97**, 112001 (2006)
336. B. Aubert *et al.* [BABAR Collaboration], “Search for the decay of a  $B^0$  or  $\text{anti-B}^0$  meson to  $\text{anti-K}^{*0} K^0$  or  $K^{*0} \text{anti-K}^0$ ,” *Phys. Rev. D* **74**, 072008 (2006)
337. B. Aubert *et al.* [BABAR Collaboration], “Search for the decay  $B^0 \rightarrow K^0(S) K^0(S) K^0(L)$ ,” *Phys. Rev. D* **74**, 032005 (2006)
338. B. Aubert *et al.* [BABAR Collaboration], “Observation of  $e^+ e^-$  annihilations into the  $C = +1$  hadronic final states  $\rho^0 \rho^0$  and  $\Phi \rho^0$ ,” *Phys. Rev. Lett.* **97**, 112002 (2006)

- 339. B. Aubert *et al.* [BABAR Collaboration], “Dalitz plot analysis of the decay  $B^\pm \rightarrow K^\pm K^\pm K^\mp$ ,” Phys. Rev. D **74**, 032003 (2006)
- 340. B. Aubert *et al.* [BaBar Collaboration], “Search for B meson decays to eta’ eta’ K,” Phys. Rev. D **74**, 031105 (2006)
- 341. B. Aubert *et al.* [BABAR Collaboration], “B meson decays to  $\omega K^*$ ,  $\omega\rho$ ,  $\omega\omega$ ,  $\omega\phi$ , and  $\omega f_0$ ,” Phys. Rev. D **74**, 051102 (2006)
- 342. B. Aubert *et al.* [BABAR Collaboration], “Measurement of the eta and eta’ transition form factors at  $q^{*2} = 112\text{-GeV}^{*2}$ ,” Phys. Rev. D **74**, 012002 (2006)
- 343. B. Aubert *et al.* [BaBar Collaboration], “Search for the decay  $B^0 \rightarrow a_1^\pm \rho^\mp$ ,” Phys. Rev. D **74**, 031104 (2006)
- 344. B. Aubert *et al.* [BABAR Collaboration], “Study of  $B \rightarrow D^{(*)} D_{s(J)}^{(*)}$  decays and measurement of  $D_s^-$  and  $D_{sJ}^+(2460)$  branching fractions,” Phys. Rev. D **74**, 031103 (2006)
- 345. B. Aubert *et al.* [BABAR Collaboration], “Search for  $B^+ \rightarrow \phi\pi^+$  and  $B^0 \rightarrow \phi\pi^0$  decays,” Phys. Rev. D **74**, 011102 (2006)
- 346. B. Aubert *et al.* [BABAR Collaboration], “Search for doubly charmed baryons  $\Xi_{cc}^+$  and  $\Xi_{cc}^{++}$  in BABAR,” Phys. Rev. D **74**, 011103 (2006)
- 347. B. Aubert *et al.* [BABAR Collaboration], “Search for the charmed pentaquark candidate  $\Theta_c(3100)^0$  in  $e^+e^-$  annihilations at  $\sqrt{s} = 10.58$  GeV,” Phys. Rev. D **73**, 091101 (2006)
- 348. B. Aubert *et al.* [BABAR Collaboration], “Measurements of branching fractions, rate asymmetries, and angular distributions in the rare decays  $B \rightarrow K\ell^+\ell^-$  and  $B \rightarrow K^*\ell^+\ell^-$ ,” Phys. Rev. D **73**, 092001 (2006)
- 349. B. Aubert *et al.* [BABAR Collaboration], “Study of the decay  $\bar{B}^0 \rightarrow D^{*+}\omega\pi^-$ ,” Phys. Rev. D **74**, 012001 (2006)
- 350. B. Aubert *et al.* [BABAR Collaboration], “Search for the decay  $\tau^- \rightarrow 3\pi^- 2\pi^+ 2\pi^0 \nu_\tau$ ,” Phys. Rev. D **73**, 112003 (2006)
- 351. B. Aubert *et al.* [BABAR Collaboration], “Measurement of  $\bar{B}^0 \rightarrow D^{(*)0} \bar{K}^{(*)0}$  branching fractions,” Phys. Rev. D **74**, 031101 (2006)
- 352. B. Aubert *et al.* [BaBar Collaboration], “Measurement of the  $B^- \rightarrow D^0 K^{*-}$  branching fraction,” Phys. Rev. D **73**, 111104 (2006)
- 353. B. Aubert *et al.* [BABAR Collaboration], “A study of the  $D_{sJ}^{*+}(2317)$  and  $D_{sJ}^+(2460)$  mesons in inclusive  $c\bar{c}$  production near  $\sqrt{s} = 10.6$  GeV,” Phys. Rev. D **74**, 032007 (2006)

354. B. Aubert *et al.* [BABAR Collaboration], “Observation of  $\Upsilon(4S)$  decays to  $\pi^+\pi^-\Upsilon(1S)$  and  $\pi^+\pi^-\Upsilon(2S)$ ,” Phys. Rev. Lett. **96**, 232001 (2006)
355. B. Aubert *et al.* [BABAR Collaboration], “Measurement of branching fractions and CP-violating charge asymmetries for  $B$  meson decays to  $D^{(*)}\bar{D}^{(*)}$ , and implications for the CKM angle  $\gamma$ ,” Phys. Rev. D **73**, 112004 (2006)
356. B. Aubert *et al.* [BaBar Collaboration], “Measurements of the branching fraction and time-dependent CP asymmetries of  $B^0 \rightarrow J/\psi \pi^0$  decays,” Phys. Rev. D **74**, 011101 (2006)
357. B. Aubert *et al.* [BABAR Collaboration], “Branching fraction limits for  $B^0$  decays to  $\eta'$ ,  $\eta$ ,  $\eta' \pi^0$  and  $\eta \pi^0$ ,” Phys. Rev. D **73**, 071102 (2006)
358. B. Aubert *et al.* [BABAR Collaboration], “Measurements of CP-violating asymmetries and branching fractions in  $B$  decays to  $\omega K$  and  $\omega \pi$ ,” Phys. Rev. D **74**, 011106 (2006)
359. B. Aubert *et al.* [BABAR Collaboration], “Observation of  $B^0$  meson decay to  $a_1(1260)^\pm \pi^\mp$ ,” Phys. Rev. Lett. **97**, 051802 (2006)
360. B. Aubert *et al.* [BABAR Collaboration], “Search for T, CP and CPT violation in  $B^0\bar{B}^0$  mixing with inclusive dilepton events,” Phys. Rev. Lett. **96**, 251802 (2006)
361. B. Aubert *et al.* [BABAR Collaboration], “Measurement of branching fractions in radiative  $B$  decays to  $\eta K \gamma$  and search for  $B$  decays to  $\eta' K \gamma$ ,” Phys. Rev. D **74**, 031102 (2006)
362. B. Aubert *et al.* [BABAR Collaboration], “The  $e^+e^- \rightarrow 3(\pi^+\pi^-), 2(\pi^+\pi^-\pi^0)$  and  $K^+K^-2(\pi^+\pi^-)$  cross sections at center-of-mass energies from production threshold to 4.5-GeV measured with initial-state radiation,” Phys. Rev. D **73**, 052003 (2006)
363. B. Aubert *et al.* [BABAR Collaboration], “Measurement of time-dependent CP asymmetries in  $B^0 \rightarrow D^{(*)}\pi^\pm$  and  $B^0 \rightarrow D^{(*)}\rho^\pm$  decays,” Phys. Rev. D **73**, 111101 (2006)
364. B. Aubert *et al.* [BABAR Collaboration], “Determinations of  $|V_{ub}|$  from inclusive semileptonic B decays with reduced model dependence,” Phys. Rev. Lett. **96**, 221801 (2006)
365. B. Aubert *et al.* [BABAR Collaboration], “A study of  $e^+e^- \rightarrow p \bar{p}$  using initial state radiation with BABAR,” Phys. Rev. D **73**, 012005 (2006)
366. B. Aubert *et al.* [BABAR Collaboration], “Search for rare quark-annihilation decays,  $B^- \rightarrow D/s^{(*)-} \Phi$ ,” Phys. Rev. D **73**, 011103 (2006)
367. B. Aubert *et al.* [BABAR Collaboration], “Measurements of the branching fractions and CP-asymmetries of  $B^- \rightarrow D^0(\text{CP}) K^-$  decays,” Phys. Rev. D **73**, 051105 (2006)

368. B. Aubert *et al.* [BABAR Collaboration], “Search for the W-exchange decays  $B^0 \rightarrow D/s^{(*)-} D/s^{(*)+}$ ,” Phys. Rev. D **72**, 111101 (2005)
369. B. Aubert *et al.* [BABAR Collaboration], “Measurements of the absolute branching fractions of  $B^{+-} \rightarrow K^{+-} X/(c \text{ anti-}c)$ ,” Phys. Rev. Lett. **96**, 052002 (2006)
370. B. Aubert *et al.* [BABAR Collaboration], “Measurement of branching fractions and resonance contributions for  $B^0 \rightarrow \text{anti-}D^0 K^+ \pi^-$  and search for  $B^0 \rightarrow D^0 K^+ \pi^-$  decays,” Phys. Rev. Lett. **96**, 011803 (2006)
371. B. Aubert *et al.* [BABAR Collaboration], “Measurement of the inclusive electron spectrum in charmless semileptonic B decays near the kinematic endpoint and determination of  $|V(ub)|$ ,” Phys. Rev. D **73**, 012006 (2006)
372. B. Aubert *et al.* [BABAR Collaboration], “A study of  $b \rightarrow c$  and  $b \rightarrow u$  interference in the decay  $B^- \rightarrow (K^+ \pi^-) D K^{*-}$ ,” Phys. Rev. D **72**, 071104 (2005)
373. B. Aubert *et al.* [BABAR Collaboration], “Measurements of the  $B \rightarrow X/s$  gamma branching fraction and photon spectrum from a sum of exclusive final states,” Phys. Rev. D **72**, 052004 (2005)
374. B. Aubert *et al.* [BABAR Collaboration], “Search for lepton flavor violation in the decay  $\tau^{+-} \rightarrow e^{+-} \gamma$ ,” Phys. Rev. Lett. **96**, 041801 (2006)
375. B. Aubert *et al.* [BABAR Collaboration], “Measurements of neutral B decay branching fractions to  $K^0(S) \pi^+ \pi^-$  final states and the charge asymmetry of  $B^0 \rightarrow K^{*+} \pi^-$ ,” Phys. Rev. D **73**, 031101 (2006)
376. B. Aubert *et al.* [BABAR Collaboration], “Measurement of the branching ratios  $\Gamma(D/s^{*+} \rightarrow D/s^+ \pi^0)/\Gamma(D/s^{*+} \rightarrow D/s^+ \gamma)$  and  $\Gamma(D^{*0} \rightarrow D^0 \pi^0)/\Gamma(D^{*0} \rightarrow D^0 \gamma)$ ,” Phys. Rev. D **72**, 091101 (2005)
377. B. Aubert *et al.* [BABAR Collaboration], “Measurement of CP observables for the decays  $B^{+-} \rightarrow D^0(\text{CP}) K^{*+-}$ ,” Phys. Rev. D **72**, 071103 (2005)
378. B. Aubert *et al.* [BABAR Collaboration], “Study of  $B \rightarrow \pi l \nu$  and  $B \rightarrow \rho l \nu$  decays and determination of  $|V(ub)|$ ,” Phys. Rev. D **72**, 051102 (2005)
379. B. Aubert *et al.* [BABAR Collaboration], “Dalitz-plot analysis of the decays  $B^{+-} \rightarrow K^{+-} \pi^- \pi^+$ ,” Phys. Rev. D **72**, 072003 (2005)
380. B. Aubert *et al.* [BABAR Collaboration], “A precision measurement of the  $\Lambda_c^+$  baryon mass,” Phys. Rev. D **72**, 052006 (2005)
381. B. Aubert *et al.* [BABAR Collaboration], “Measurement of the  $B^+ \rightarrow p \text{ anti-}p K^+$  branching fraction and study of the decay dynamics,” Phys. Rev. D **72**, 051101 (2005)

382. B. Aubert *et al.* [BaBar Collaboration], “Evidence for  $B^+ \rightarrow \text{anti-K}^0 K^+$  and  $B^0 \rightarrow K^0 \text{anti-K}^0$ , and measurement of the branching fraction and search for direct CP violation in  $B^+ \rightarrow K^0 \pi^+$ ,” *Phys. Rev. Lett.* **95**, 221801 (2005)
383. B. Aubert *et al.* [BABAR Collaboration], “An amplitude analysis of the decay  $B^{+-} \rightarrow \pi^+ \pi^- \pi^+$ ,” *Phys. Rev. D* **72**, 052002 (2005)
384. B. Aubert *et al.* [BABAR Collaboration], “Dalitz plot analysis of  $D^0 \rightarrow \text{anti-K}^0 K^+ K^-$ ,” *Phys. Rev. D* **72**, 052008 (2005)
385. B. Aubert *et al.* [BaBar Collaboration], “Measurement of the time-dependent CP-violating asymmetry in  $B^0 \rightarrow K^0(S) \pi^0 \gamma$  decays,” *Phys. Rev. D* **72**, 051103 (2005)
386. B. Aubert *et al.* [BABAR Collaboration], “Measurement of the anti- $B^0$  lifetime and the  $B^0$  anti- $B^0$  oscillation frequency using partially reconstructed anti- $B^0 \rightarrow D^{*+} l^- \text{anti-}\nu/l$  decays,” *Phys. Rev. D* **73**, 012004 (2006)
387. B. Aubert *et al.* [BABAR Collaboration], “A search for the decay  $B^+ \rightarrow \tau^+ \nu/\tau$ ,” *Phys. Rev. D* **73**, 057101 (2006)
388. B. Aubert *et al.* [BABAR Collaboration], “Study of  $J/\psi \pi^+ \pi^-$  states produced in  $B^0 \rightarrow J/\psi \pi^+ \pi^- K^0$  and  $B^- \rightarrow J/\psi \pi^+ \pi^- K^-$ ,” *Phys. Rev. D* **73**, 011101 (2006)
389. B. Aubert *et al.* [BABAR Collaboration], “Search for the decay  $\tau^- \rightarrow 4\pi-3\pi^+ (\pi^0) \nu/\tau$ ,” *Phys. Rev. D* **72**, 012003 (2005)
390. B. Aubert *et al.* [BABAR Collaboration], “Determination of  $|V(\text{ub})|$  from measurements of the electron and neutrino momenta in inclusive semileptonic B decays,” *Phys. Rev. Lett.* **95**, 111801 (2005)
391. B. Aubert *et al.* [BABAR Collaboration], “Measurement of double charmonium production in  $e^+ e^-$  annihilations at  $s^{*(1/2)} = 10.6\text{-GeV}$ ,” *Phys. Rev. D* **72**, 031101 (2005)
392. B. Aubert *et al.* [BaBar Collaboration], “Search for lepton-flavor and lepton-number violation in the decay  $\tau \rightarrow l^+ h^- h'^-$ ,” *Phys. Rev. Lett.* **95**, 191801 (2005)
393. B. Aubert *et al.* [BABAR Collaboration], “Search for the rare decay  $\text{anti-B}^0 \rightarrow D^{*0} \gamma$ ,” *Phys. Rev. D* **72**, 051106 (2005)
394. B. Aubert *et al.* [BABAR Collaboration], “Observation of a broad structure in the  $\pi^+ \pi^- J/\psi$  mass spectrum around  $4.26\text{-GeV}/c^{*2}$ ,” *Phys. Rev. Lett.* **95**, 142001 (2005)
395. B. Aubert *et al.* [BaBar Collaboration], “Measurement of time-dependent CP asymmetries and the CP-odd fraction in the decay  $B^0 \rightarrow D^{*+} D^{*-}$ ,” *Phys. Rev. Lett.* **95**, 151804 (2005)

396. B. Aubert *et al.* [the BABAR Collaborations], “Study of the  $\tau^- \rightarrow 3h^- 2h^+ \nu/\tau$  decay,” *Phys. Rev. D* **72**, 072001 (2005)
397. B. Aubert *et al.* [BABAR Collaboration], “Measurement of the branching fraction and decay rate asymmetry of  $B^- \rightarrow D (\pi^+ \pi^- \pi^0) K^-$ ,” *Phys. Rev. D* **72**, 071102 (2005)
398. B. Aubert *et al.* [BABAR Collaboration], “Measurement of time-dependent CP asymmetries in  $B^0 \rightarrow D^{(*)+} D^-$  decays,” *Phys. Rev. Lett.* **95**, 131802 (2005)
399. B. Aubert *et al.* [BABAR Collaboration], “Search for the rare decays  $B^+ \rightarrow D^{(*)+} K^0(S)$ ,” *Phys. Rev. D* **72**, 011102 (2005)
400. B. Aubert *et al.* [BABAR Collaboration], “Measurement of the branching fraction of  $Upsilon(4S) \rightarrow B^0 \text{ anti-}B^0$ ,” *Phys. Rev. Lett.* **95**, 042001 (2005)
401. B. Aubert *et al.* [BABAR Collaboration], “Evidence for the decay  $B^{+-} \rightarrow K^{*+} \pi^0$ ,” *Phys. Rev. D* **71**, 111101 (2005)
402. B. Aubert *et al.* [BABAR Collaboration], “Production and decay of  $\chi_{c0}$  at BABAR,” *Phys. Rev. Lett.* **95**, 142003 (2005)
403. B. Aubert *et al.* [BABAR Collaboration], “Measurement of time-dependent CP-violating asymmetries and constraints on  $\sin(2\beta + \gamma)$  with partial reconstruction of  $B \rightarrow D^{*-} \pi^+$  decays,” *Phys. Rev. D* **71**, 112003 (2005)
404. B. Aubert *et al.* [BABAR Collaboration], “Measurement of  $\gamma$  in  $B^{+-} \rightarrow D^{(*)} K^+$  decays with a Dalitz analysis of  $D \rightarrow K^0(S) \pi^- \pi^+$ ,” *Phys. Rev. Lett.* **95**, 121802 (2005)
405. B. Aubert *et al.* [BABAR Collaboration], “Search for  $b \rightarrow u$  transitions in  $B^- \rightarrow D^0 K^-$  and  $B^- \rightarrow D^{*0} K^-$ ,” *Phys. Rev. D* **72**, 032004 (2005)
406. B. Aubert *et al.* [BABAR Collaboration], “Measurement of the branching fraction and the CP-violating asymmetry for the decay  $B^0 \rightarrow K^0(S) \pi^0$ ,” *Phys. Rev. D* **71**, 111102 (2005)
407. B. Aubert *et al.* [BABAR Collaboration], “Search for  $B \rightarrow J/\psi D$  decays,” *Phys. Rev. D* **71**, 091103 (2005)
408. B. Aubert *et al.* [BABAR Collaboration], “Measurement of branching fractions and charge asymmetries in  $B^+$  decays to  $\eta \pi^+$ ,  $\eta K^+$ ,  $\eta \rho^+$  and  $\eta' \pi^+$ , and search for  $B^0$  decays to  $\eta K^0$  and  $\eta \omega$ ,” *Phys. Rev. Lett.* **95**, 131803 (2005)
409. B. Aubert *et al.* [BABAR Collaboration], “Improved measurement of the CKM angle  $\alpha$  using  $B^0 \rightarrow \rho^+ \rho^-$  decays,” *Phys. Rev. Lett.* **95**, 041805 (2005)
410. B. Aubert *et al.* [BABAR Collaboration], “Search for strange-pentaquark production in  $e^+ e^-$  annihilation at  $s^{*1/2} = 10.58\text{-GeV}$ ,” *Phys. Rev. Lett.* **95**, 042002 (2005)

- 411. B. Aubert *et al.* [BABAR Collaboration], “Branching fraction and CP asymmetries of  $B^0 \rightarrow K^0(S) K^0(S) K^0(S)$ ,” Phys. Rev. Lett. **95**, 011801 (2005)
- 412. B. Aubert *et al.* [BaBar Collaboration], “Measurements of branching fractions and time-dependent CP-violating asymmetries in  $B \rightarrow \eta' K$  decays,” Phys. Rev. Lett. **94**, 191802 (2005)
- 413. B. Aubert *et al.* [BABAR Collaboration], “Measurement of CP asymmetries in  $B^0 \rightarrow \Phi K^0$  and  $B^0 \rightarrow K^+ K^- K^0(S)$  decays,” Phys. Rev. D **71**, 091102 (2005)
- 414. B. Aubert *et al.* [BABAR Collaboration], “The  $e^+ e^- \rightarrow \pi^+ \pi^- \pi^+ \pi^-$ ,  $K^+ K^- \pi^+ \pi^-$ , and  $K^+ K^- K^+ K^-$  cross sections at center-of-mass energies 0.5-GeV - 4.5-GeV measured with initial-state radiation,” Phys. Rev. D **71**, 052001 (2005)
- 415. B. Aubert *et al.* [BABAR Collaboration], “Search for lepton flavor violation in the decay  $\tau \rightarrow \mu \gamma$ ,” Phys. Rev. Lett. **95**, 041802 (2005)
- 416. B. Aubert *et al.* [BaBar Collaboration], “Measurement of the  $B^0 \rightarrow D^{*-} D/s^{*+}$  and  $D/s^+ \rightarrow \Phi \pi^+$  branching fractions,” Phys. Rev. D **71**, 091104 (2005)
- 417. B. Aubert *et al.* [BABAR Collaboration], “Search for the radiative decay  $B \rightarrow \Phi \gamma$ ,” Phys. Rev. D **72**, 091103 (2005)
- 418. B. Aubert *et al.* [BABAR Collaboration], “Search for factorization-suppressed  $B \rightarrow \chi/c K^{(*)}$  decays,” Phys. Rev. Lett. **94**, 171801 (2005)
- 419. B. Aubert *et al.* [BaBar Collaboration], “Improved measurements of CP-violating asymmetry amplitudes in  $B^0 \rightarrow \pi^+ \pi^-$  decays,” Phys. Rev. Lett. **95**, 151803 (2005)
- 420. B. Aubert *et al.* [BABAR Collaboration], “A search for CP violation and a measurement of the relative branching fraction in  $D^+ \rightarrow K^- K^+ \pi^+$  decays,” Phys. Rev. D **71**, 091101 (2005)
- 421. J. Schwiening *et al.* [BABAR-DIRC Collaboration], “Performance of the BABAR-DIRC,” Nucl. Instrum. Meth. A **553**, 317 (2005).
- 422. B. Aubert *et al.* [BABAR Collaboration], “Search for decays of  $B^0 \rightarrow e^+ e^-$ ,  $B^0 \rightarrow \mu^+ \mu^-$ ,  $B^0 \rightarrow e^+ \mu^-$ ,” Phys. Rev. Lett. **94**, 221803 (2005).
- 423. B. Aubert, *et al.* [BABAR Collaboration], “Measurement of the branching fractions for inclusive  $B^-$  and  $\bar{B}^0$  decays to flavor-tagged  $D$ ,  $D_s$  and  $\Lambda_c$ ,” Phys. Rev. D **70**, 091106 (2004) [arXiv:hep-ex/0408113].
- 424. B. Aubert, *et al.* [BABAR Collaboration], “Search for  $D^0 - \bar{D}^0$  mixing using semileptonic decay modes,” Phys. Rev. D **70**, 091102 (2004) [arXiv:hep-ex/0408066].
- 425. B. Aubert, *et al.* [BABAR Collaboration], “Study of  $e^+ e^- \rightarrow \pi^+ \pi^- \pi^0$  process using initial state radiation with BaBar,” Phys. Rev. D **70**, 072004 (2004) [arXiv:hep-ex/0408078].



- 426. B. Aubert *et al.* [BABAR Collaboration], “Measurement of neutral  $B$  decay branching fractions to  $K_S^0\pi^+\pi^-$  final states,” Phys. Rev. D **70**, 091103 (2004) [arXiv:hep-ex/0408054].
- 427. B. Aubert *et al.* [BABAR Collaboration], “Study of  $B \rightarrow D_{sJ}^{(*)+}\overline{D^{(*)}}$  decays,” Phys. Rev. Lett. **93**, 181801 (2004) [arXiv:hep-ex/0408041].
- 428. B. Aubert *et al.* [BABAR Collaboration], “Search for flavor-changing neutral current and lepton flavor violating decays of  $D^0 \rightarrow l^+l^-$ ,” Phys. Rev. Lett. **93**, 191801 (2004) [arXiv:hep-ex/0408023].
- 429. B. Aubert *et al.* [BABAR Collaboration], “Search for the decay  $B^0 \rightarrow J/\psi\gamma$ ,” Phys. Rev. D **70**, 091104 (2004) [arXiv:hep-ex/0408018].
- 430. B. Aubert *et al.* [BABAR Collaboration], “Measurement of the  $B^0 \rightarrow \phi K^{*0}$  decay amplitudes,” Phys. Rev. Lett. **93**, 231804 (2004) [arXiv:hep-ex/0408017].
- 431. B. Aubert *et al.* [BaBar Collaboration], “Observation of direct  $CP$  violation in  $B^0 \rightarrow K^+\pi^-$  decays,” Phys. Rev. Lett. **93**, 131801 (2004) [arXiv:hep-ex/0407057].
- 432. B. Aubert *et al.* [BABAR Collaboration], “Branching fractions and  $CP$  asymmetries in  $B^0 \rightarrow K^+K^-K_S^0$  and  $B^+ \rightarrow K^+K_S^0K_S^0$ ,” Phys. Rev. Lett. **93**, 181805 (2004) [arXiv:hep-ex/0406005].
- 433. B. Aubert *et al.* [BABAR Collaboration], “Measurement of time-dependent  $CP$ -violating asymmetries in  $B^0 \rightarrow K^{*0}\gamma$  ( $K^{*0} \rightarrow K_S^0\pi^0$ ) decays,” Phys. Rev. Lett. **93**, 201801 (2004) [arXiv:hep-ex/0405082].
- 434. B. Aubert *et al.* [BABAR Collaboration], “Search for  $B^0$  decays to invisible final states and to  $\nu\bar{\nu}\gamma$ ,” Phys. Rev. Lett. **93**, 091802 (2004) [arXiv:hep-ex/0405071].
- 435. B. Aubert *et al.* [BABAR Collaboration], “Study of the decay  $B^0(\overline{B}^0) \rightarrow \rho^+\rho^-$ , and constraints on the CKM angle  $\alpha$ ,” Phys. Rev. Lett. **93**, 231801 (2004) [arXiv:hep-ex/0404029].
- 436. B. Aubert *et al.* [BABAR Collaboration], “Determination of the branching fraction for  $B \rightarrow X_{Cl}\nu$  decays and of  $|V(cb)|$  from hadronic mass and lepton energy moments,” Phys. Rev. Lett. **93**, 011803 (2004) [arXiv:hep-ex/0404017].
- 437. B. Aubert *et al.* [BABAR Collaboration], “Measurement of the  $B \rightarrow X_S l^+l^-$  branching fraction with a sum over exclusive modes,” Phys. Rev. Lett. **93**, 081802 (2004) [arXiv:hep-ex/0404006].
- 438. B. Aubert *et al.* [BABAR Collaboration], “Measurement of the ratio of decay amplitudes for  $\overline{B}^0 \rightarrow J/\psi K^{*0}$  and  $B^0 \rightarrow J/\psi K^{*0}$ ,” Phys. Rev. Lett. **93**, 081801 (2004) [arXiv:hep-ex/0404005].

- 439. B. Aubert *et al.* [BABAR Collaboration], “Searches for  $B^0$  decays to combinations of charmless isoscalar mesons,” Phys. Rev. Lett. **93**, 181806 (2004) [arXiv:hep-ex/0403046].
- 440. B. Aubert *et al.* [BABAR Collaboration], “Measurement of the direct  $CP$  asymmetry in  $b \rightarrow s\gamma$  decays,” Phys. Rev. Lett. **93**, 021804 (2004) [arXiv:hep-ex/0403035].
- 441. B. Aubert *et al.* [BABAR Collaboration], “Measurements of moments of the hadronic mass distribution in semileptonic  $B$  decays,” Phys. Rev. D **69**, 111103 (2004) [arXiv:hep-ex/0403031].
- 442. B. Aubert *et al.* [BABAR Collaboration], “Measurement of the electron energy spectrum and its moments in inclusive  $B \rightarrow X e \nu$  decays,” Phys. Rev. D **69**, 111104 (2004) [arXiv:hep-ex/0403030].
- 443. B. Aubert *et al.* [BABAR Collaboration], “Measurement of the time-dependent  $CP$  asymmetry in the  $B^0 \rightarrow \phi K^0$  decay,” Phys. Rev. Lett. **93**, 071801 (2004) [arXiv:hep-ex/0403026].
- 444. B. Aubert *et al.* [BABAR Collaboration], “ $B$  meson decays to  $\eta^{(\prime)} K^*$ ,  $\eta^{(\prime)} \rho$ ,  $\eta^{(\prime)} \pi^0$ ,  $\omega \pi^0$ , and  $\phi \pi^0$ ,” Phys. Rev. D **70**, 032006 (2004) [arXiv:hep-ex/0403025].
- 445. B. Aubert *et al.* [BABAR Collaboration], “Branching fraction measurements of  $B \rightarrow \eta_c K$  decays,” Phys. Rev. D **70**, 011101 (2004) [arXiv:hep-ex/0403007].
- 446. B. Aubert *et al.* [BaBar Collaboration], “Search for the decay  $B^0 \rightarrow p \bar{p}$ ,” Phys. Rev. D **69**, 091503 (2004) [arXiv:hep-ex/0403003].
- 447. B. Aubert *et al.* [BABAR Collaboration], “Limits on the decay rate difference of neutral  $B$  mesons and on  $CP$ ,  $T$ , and  $CPT$  violation in  $B^0 \bar{B}^0$  oscillations,” Phys. Rev. D **70**, 012007 (2004) [arXiv:hep-ex/0403002].
- 448. B. Aubert *et al.* [BABAR Collaboration], “Measurements of  $CP$  violating asymmetries in  $B^0 \rightarrow K_S^0 \pi^0$  decays,” Phys. Rev. Lett. **93**, 131805 (2004) [arXiv:hep-ex/0403001].
- 449. B. Aubert *et al.* [BABAR Collaboration], “Observation of the decay  $B \rightarrow J/\psi \eta K$  and search for  $X(3872) \rightarrow J/\psi \eta$ ,” Phys. Rev. Lett. **93**, 041801 (2004) [arXiv:hep-ex/0402025].
- 450. B. Aubert *et al.* [BABAR Collaboration], “Search for  $B^{+-} \rightarrow [K^{-+} \pi^{+-}]_D K^{+-}$  and upper limit on the  $b \rightarrow u$  amplitude in  $B + - \rightarrow DK^{+-}$ ,” Phys. Rev. Lett. **93**, 131804 (2004) [arXiv:hep-ex/0402024].
- 451. B. Aubert *et al.* [BABAR Collaboration], “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,” Phys. Rev. Lett. **92**, 241802 (2004) [arXiv:hep-ex/0401035].

452. B. Aubert *et al.* [BABAR Collaboration], “Measurement of the  $B^+/B^0$  production ratio from the  $\Upsilon(4S)$  meson using  $B^+ \rightarrow J/\psi K^+$  and  $B^0 \rightarrow J/\psi K_S^0$  decays,” Phys. Rev. D **69**, 071101 (2004) [arXiv:hep-ex/0401028].
453. B. Aubert *et al.* [BABAR Collaboration], “Study of high momentum  $\eta'$  production in  $B \rightarrow \eta' X_s$ ,” Phys. Rev. Lett. **93**, 061801 (2004) [arXiv:hep-ex/0401006].
454. B. Aubert *et al.* [BABAR Collaboration], “Search for the rare leptonic decay  $B^+ \rightarrow \mu^+ \nu_\mu$ ,” Phys. Rev. Lett. **92**, 221803 (2004) [Phys. Rev. Lett. **93**, 189902 (2004)] [arXiv:hep-ex/0401002].
455. B. Aubert *et al.* [BABAR Collaboration], “Measurements of branching fractions and  $CP$ -violating asymmetries in  $B$  meson decays to charmless two-body states containing a  $K^0$ ,” Phys. Rev. Lett. **92**, 201802 (2004) [arXiv:hep-ex/0312055].
456. B. Aubert *et al.* [BABAR Collaboration], “Measurement of the branching fraction for  $B^- \rightarrow D^0 K^{*-}$ ,” Phys. Rev. D **69**, 051101 (2004) [arXiv:hep-ex/0312051].
457. B. Aubert *et al.* [BABAR Collaboration], “Measurement of  $\sin 2\beta$  using hadronic  $J/\psi$  decays,” Phys. Rev. D **69**, 052001 (2004) [arXiv:hep-ex/0309039].
458. B. Aubert *et al.* [BABAR Collaboration], “Measurements of branching fractions in  $B \rightarrow \phi K$  and  $B \rightarrow \phi \pi$  and search for direct  $CP$  violation in  $B^{+-} \rightarrow \phi K^{+-}$ ,” Phys. Rev. D **69**, 011102 (2004) [arXiv:hep-ex/0309025].
459. B. Aubert *et al.* [BABAR Collaboration], “Measurements of the branching fractions of charged  $B$  decays to  $K^{+-}\pi^{-+}\pi^{+-}$  final states,” Phys. Rev. D **70**, 092001 (2004) [arXiv:hep-ex/0308065].
460. B. Aubert *et al.* [BABAR Collaboration], “Measurement of the branching fraction and polarization for the decay  $B^- \rightarrow D^{0*} K^{*-}$ ,” Phys. Rev. Lett. **92**, 141801 (2004) [arXiv:hep-ex/0308057].
461. B. Aubert *et al.* [BABAR Collaboration], “Measurement of the  $B^0 \rightarrow K_2^*(1430)^0 \gamma$  and  $B^+ \rightarrow K_2^*(1430)^+ \gamma$  branching fractions,” Phys. Rev. D **70**, 091105 (2004) [arXiv:hep-ex/0409035].
462. B. Aubert *et al.* [BABAR Collaboration], “Measurement of time dependent  $CP$  asymmetry in  $B^0 \rightarrow D^{(*)+} \pi^{-+}$  decays and constraints on  $|\sin(2\beta + \gamma)|$ ,” Phys. Rev. Lett. **92**, 251801 (2004) [arXiv:hep-ex/0308018].
463. B. Aubert *et al.* [BABAR Collaboration], “ $J/\psi$  production via initial state radiation in  $e^+e^- \rightarrow \mu^+\mu^-\gamma$  at an  $e^+e^-$  center-of-mass energy near 10.6-GeV,” Phys. Rev. D **69**, 011103 (2004) [arXiv:hep-ex/0310027].
464. B. Aubert, *et al.* [BABAR Collaboration], “Evidence for the rare decay  $B \rightarrow K^* l^+ l^-$  and measurement of the  $B \rightarrow K l^+ l^-$  branching fraction,” Phys. Rev. Lett. **91**, 221802 (2003) [arXiv:hep-ex/0308042].

- 465. B. Aubert, *et al.* [BABAR Collaboration], “Observation of the decay  $B^0 \rightarrow \pi^0 \pi^0$ ,” Phys. Rev. Lett. **91**, 241801 (2003) [arXiv:hep-ex/0308012].
- 466. B. Aubert, *et al.* [BABAR Collaboration], “Rates, polarizations, and asymmetries in charmless vector-vector  $B$  meson decays,” Phys. Rev. Lett. **91**, 171802 (2003) [arXiv:hep-ex/0307026].
- 467. B. Aubert, *et al.* [BABAR Collaboration], “Measurement of time-dependent  $CP$  asymmetries and the  $CP$ -odd fraction in the decay  $B^0 \rightarrow D^{*+} D^{*-}$ ,” Phys. Rev. Lett. **91**, 131801 (2003) [arXiv:hep-ex/0306052].
- 468. B. Aubert, *et al.* [BABAR Collaboration], “Measurements of branching fractions and  $CP$ -violating asymmetries in  $B^0 \rightarrow \rho^{+-} h^{-+}$  decays,” Phys. Rev. Lett. **91**, 201802 (2003) [arXiv:hep-ex/0306030].
- 469. B. Aubert, *et al.* [BABAR Collaboration], “Limits on  $D^0$  anti- $D^0$  mixing and  $CP$  violation from the ratio of lifetimes for decay to  $K^- \pi^+$ ,  $K^- K^+$  and  $\pi^- \pi^+$ ,” Phys. Rev. Lett. **91**, 121801 (2003) [arXiv:hep-ex/0306003].
- 470. B. Aubert, *et al.* [BABAR Collaboration], “Measurement of the branching fractions for the exclusive decays of  $B^0$  and  $B^+$  to anti- $D(*)D(*)K$ ,” Phys. Rev. D **68**, 092001 (2003) [arXiv:hep-ex/0305003].
- 471. B. Aubert, *et al.* [BABAR Collaboration], “Observation of a narrow meson decaying to  $D_s^+ \pi^0$  at a mass of 2.32-GeV/c<sup>2</sup>,” Phys. Rev. Lett. **90**, 242001 (2003) [arXiv:hep-ex/0304021].
- 472. B. Aubert, *et al.* [BABAR Collaboration], “Rare  $B$  decays into states containing a  $J/\psi$  meson and a meson with  $s$  anti- $s$  quark content,” Phys. Rev. Lett. **91**, 071801 (2003) [arXiv:hep-ex/0304014].
- 473. B. Aubert, *et al.* [BABAR Collaboration], “Search for  $D^0$  - anti- $D^0$  mixing and a measurement of the doubly Cabibbo-suppressed decay rate in  $D^0 \rightarrow K \pi$  decays,” Phys. Rev. Lett. **91**, 171801 (2003) [arXiv:hep-ex/0304007].
- 474. B. Aubert, *et al.* [BABAR Collaboration], “Measurements of the branching fractions and charge asymmetries of charmless three-body charged  $B$  decays,” Phys. Rev. Lett. **91**, 051801 (2003) [arXiv:hep-ex/0304006].
- 475. B. Aubert, *et al.* [BABAR Collaboration], “Measurements of  $CP$ -violating asymmetries and branching fractions in  $B$  meson decays to  $\eta/K$ ,” Phys. Rev. Lett. **91**, 161801 (2003) [arXiv:hep-ex/0303046].
- 476. B. Aubert, *et al.* [BABAR Collaboration], “Evidence for  $B^+ \rightarrow J/\psi p \bar{\Lambda}$  and search for  $B^0 \rightarrow J/\psi p \bar{p}$ ,” Phys. Rev. Lett. **90**, 231801 (2003) [arXiv:hep-ex/0303036].

477. B. Aubert, *et al.* [BABAR Collaboration], “Observation of the decay  $B^{+-} \rightarrow \pi^{+-}\pi^0$ , study of  $B^{+-} \rightarrow K^{+-}\pi^0$ , and search for  $B^0 \rightarrow \pi^0\pi^0$ ,” Phys. Rev. Lett. **91**, 021801 (2003) [arXiv:hep-ex/0303028].
478. B. Aubert, *et al.* [BABAR Collaboration], “Study of time-dependent  $CP$  asymmetry in neutral  $B$  decays to  $J/\psi\pi^0$ ,” Phys. Rev. Lett. **91**, 061802 (2003) [arXiv:hep-ex/0303018].
479. B. Aubert, *et al.* [BABAR Collaboration], “Measurement of the branching fraction and  $CP$ -violating asymmetries in neutral  $B$  decays to  $D^{*+-}D^{-+}$ ,” Phys. Rev. Lett. **90**, 221801 (2003) [arXiv:hep-ex/0303004].
480. B. Aubert, *et al.* [BABAR Collaboration], “Measurement of  $B^0 \rightarrow D_s^{(*)+}D^{*-}$  branching fractions and  $B^0 \rightarrow D_s^{(*)+}D^{*-}$  polarization with a partial reconstruction technique,” Phys. Rev. D **67**, 092003 (2003) [arXiv:hep-ex/0302015].
481. B. Aubert, *et al.* [BABAR Collaboration], “Measurement of the CKM matrix element  $|V_{ub}|$  with  $B \rightarrow \rho e \nu$  decays. ((B)),” Phys. Rev. Lett. **90**, 181801 (2003) [arXiv:hep-ex/0301001].
482. B. Aubert, *et al.* [BABAR Collaboration], “Simultaneous measurement of the  $B^0$  meson lifetime and mixing frequency with  $B^0 \rightarrow D^{*-}l^+\nu_l$  decays. ((B)),” Phys. Rev. D **67**, 072002 (2003) [arXiv:hep-ex/0212017].
483. B. Aubert, *et al.* [BABAR Collaboration], “Measurement of the  $B^0$  meson lifetime with partial reconstruction of  $B^0 \rightarrow D^{*-}\pi^+$  and  $B^0 \rightarrow D^{*-}\rho^+$  decays,” Phys. Rev. D **67**, 091101 (2003) [arXiv:hep-ex/0212012].
484. B. Aubert, *et al.* [BABAR Collaboration], “A study of the rare decays  $B^0 \rightarrow D_s^{(*)+}\pi^-$  and  $B^0 \rightarrow D_s^{(*)-}K^+$ . ((B)),” Phys. Rev. Lett. **90**, 181803 (2003) [arXiv:hep-ex/0211053].
485. J. Schwiening, D. Brown *et al.* [BABAR-DIRC Collaboration], “The DIRC detector at the SLAC B-factory PEP-II: Operational experience and performance for physics application,” Nucl. Instrum. Meth. A **502**, 67 (2003).
486. B. Aubert, *et al.* [BABAR Collaboration], “A measurement of the  $B^0 \rightarrow J/\psi\pi^+\pi^-$  branching fraction,” Phys. Rev. Lett. **90**, 091801 (2003) [arXiv:hep-ex/0209013].
487. “Study Of Inclusive Production Of Charmonium Mesons In  $B$  Decay.” B. Aubert *et al.* [BABAR Collaboration], Phys. Rev. **D67**, 032002 (2003).
488. “Measurement Of The Branching Fraction For Inclusive Semileptonic  $B$  Meson Decays.” B. Aubert *et al.* [BABAR Collaboration], Phys. Rev. **D67**, 031101 (2003).
489. “Measurements Of Branching Fractions And  $CP$  Violating Asymmetries In  $B^0 \rightarrow \pi^+\pi^-, K^+\pi^-, K^+K^-$  Decays.” B. Aubert *et al.* [BABAR Collaboration], Phys. Rev. Lett. **89**, 281802 (2002).

490. "Measurement Of The CP Violating Asymmetry Amplitude  $\sin(2\beta)$ ." B. Aubert *et al.* [BABAR Collaboration], Phys. Rev. Lett. **89**, 201802 (2002).
491. "A Large Acceptance, High-Resolution Detector For Rare  $K^+$  Decay Experiments," R. Appel *et al.* [E865 Collaboration], Nucl. Instrum. Meth. **A479**, 349 (2002).
492. "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-violating charge asymmetries," B. Aubert *et al.* [BABAR Collaboration], Phys. Rev. **D65**, 091101 (2002).
493. "Measurement of the branching fraction and CP content for the decay  $B^0 \rightarrow D^{*+}D^{*-}$ ." B. Aubert *et al.* [BaBar Collaboration], Phys. Rev. Lett. **89**, 061801 (2002).
494. "Search for T and CP violation in  $B^0 - \bar{B}^0$  mixing with inclusive dilepton events." B. Aubert *et al.* [BABAR Collaboration], Phys. Rev. Lett. **88**, 231801 (2002).
495. "Measurement of the  $B^0$  lifetime with partially reconstructed  $B^0 \rightarrow D^{*-}l^+\nu_l$  decays." B. Aubert *et al.* [BABAR Collaboration], Phys. Rev. Lett. **89**, 011802 (2002).
496. "Measurement of  $D_s^+$  and  $D_s^{*+}$  production in  $B$  meson decays and from continuum  $e^+e^-$  annihilation at  $\sqrt{s} = 10.6$  GeV." B. Aubert *et al.* [BABAR Collaboration], Phys. Rev. **D65**, 091104 (2002).
497. "A study of time dependent CP-violating asymmetries and flavor oscillations in neutral  $B$  decays at the  $\Upsilon(4S)$ ." B. Aubert *et al.* [BABAR Collaboration], Phys. Rev. **D66**, 032003 (2002).
498. "Search for the rare decays  $B \rightarrow Kl^+l^-$  and  $B \rightarrow K^*l^+l^-$ ." B. Aubert *et al.* [BABAR Collaboration], Phys. Rev. Lett. **88**, 241801 (2002).
499. "Measurement of the  $B^0 - \bar{B}^0$  oscillation frequency with inclusive dilepton events," B. Aubert *et al.* [BABAR collaboration], Phys. Rev. Lett. **88**, 221803 (2002).
500. "Measurement of  $B^0 - \bar{B}^0$  flavor oscillations in hadronic  $B^0$  decays." B. Aubert *et al.* [BABAR collaboration], Phys. Rev. Lett. **88**, 221802 (2002).
501. "Direct CP violation searches in charmless hadronic  $B$  meson decays," B. Aubert *et al.* [BABAR Collaboration], Phys. Rev. D **65**, 051101 (2002).
502. "Measurement of  $B \rightarrow K^*\gamma$  branching fractions and charge asymmetries," B. Aubert *et al.* [BABAR Collaboration], Phys. Rev. Lett. **88**, 101805 (2002).
503. "Study of CP-violating asymmetries in  $B^0 \rightarrow \pi^+\pi^-$ ,  $K^+pi^-$  decays," B. Aubert *et al.* [BABAR Collaboration], Phys. Rev. D **65**, 051502 (2002).
504. "Measurement of the branching fractions for  $\psi(2S) \rightarrow e^+e^-$  and  $\psi(2S) \rightarrow mu^+mu^-$ ." B. Aubert *et al.* [BABAR Collaboration], Phys. Rev. D **65**, 031101 (2002).

- 505. "Measurement Of Branching Fractions For Exclusive  $B$  Decays To Charmonium Final States." B. Aubert *et al.* [BABAR Collaboration], Phys. Rev. **D65**, 032001 (2002).
- 506. "The BABAR Detector." B. Aubert *et al.* [BABAR Collaboration], Nucl. Instrum. Meth. **A479**, 1-116 (2002).
- 507. "Search for the decay  $B^0 \rightarrow \gamma\gamma$ ." B. Aubert *et al.* [BABAR Collaboration], Phys. Rev. Lett. **87**, 241803 (2001).
- 508. "Measurement of the  $B \rightarrow J/\psi K^*(892)$  decay amplitudes." B. Aubert *et al.* [BABAR Collaboration], Phys. Rev. Lett. **87**, 241801 (2001).
- 509. "Measurements of the branching fractions of exclusive charmless  $B$  meson decays with  $\eta'$  or  $\omega$  mesons." B. Aubert *et al.* [BABAR Collaboration], Phys. Rev. Lett. **87**, 221802 (2001).
- 510. "Measurement of the  $B^0$  and  $B^+$  meson lifetimes with fully reconstructed hadronic final states." B. Aubert *et al.* [BABAR Collaboration], Phys. Rev. Lett. **87**, 201803 (2001).
- 511. "Observation of CP violation in the  $B^0$  meson system." B. Aubert *et al.* [BABAR Collaboration], Phys. Rev. Lett. **87**, 091801 (2001).
- 512. "Measurement of  $J/\psi$  production in continuum  $e^+e^-$  annihilations near  $\sqrt{s} = 10.6$ -GeV." B. Aubert *et al.* [BABAR Collaboration], Phys. Rev. Lett. **87**, 162002 (2001).
- 513. "Measurement of branching fractions and search for CP-violating charge asymmetries in charmless two-body  $B$  decays into pions and kaons." B. Aubert *et al.* [BABAR Collaboration], Phys. Rev. Lett. **87**, 151802 (2001).
- 514. "Measurement of the decays  $B \rightarrow \phi K$  and  $B \rightarrow \phi K^*$ ." B. Aubert *et al.* [BABAR Collaboration], Phys. Rev. Lett. **87**, 151801 (2001).
- 515. "Measurement of CP violating asymmetries in  $B^0$  decays to CP eigenstates. " B. Aubert *et al.* [BABAR Collaboration], Phys. Rev. Lett. **86**, 2515 (2001).
- 516. "An improved limit on the rate of decay  $K^+ \rightarrow \pi^+ \mu^+ e^-$ ." R. Appel *et al.*, Phys. Rev. Lett. **85**, 2450 (2000).
- 517. "A New Measurement of the Properties of the Rare Decay  $K^+ \rightarrow \pi^+ e^+ e^-$ ." E865 Collaboration (R. Appel *et al.*), Phys. Rev. Lett. **83**, 4482-4485 (1999).
- 518. "The BaBar Physics Book - Physics at an Asymmetric  $B$  Factory." D. Boutigny, *et al.* P. F. Harrison and H. R. Quinn, eds., SLAC Report 504, (1998).
- 519. "Measurement of the cross-section for  $\gamma\gamma \rightarrow p\bar{p}$ ." M. Artuso *et al.*, Phys. Rev. **D50**, 5484-5490 (1994).

520. “Measurement of two photon production of the  $\chi_{c2}$ .” J. Dominick *et al.*, Phys. Rev. **D50**, 4265–4271 (1994).
521. “Observation of Inclusive  $B$  Decays to the Charmed Baryons  $\Sigma_c^{++}$  and  $\Sigma_c^0$ .” M. Procaro *et al.*, Phys. Rev. Lett **73**, 1472–1476 (1994).
522. “Measurement of Cabibbo Suppressed Decays of the  $\tau$  Lepton.” M. Battle *et al.*, Phys. Rev. Lett. **73**, 1079–1083 (1994).
523. “Two photon production of charged pion and kaon pairs.” J. Dominick *et al.*, Phys. Rev. **D50**, 3027–3037 (1994).
524. “Precision measurement of the  $D_s^{*+} - D_s^+$  mass difference.” D. Brown *et al.*, Phys. Rev. **D50**, 1884–1891 (1994).
525. “Exclusive hadronic  $B$  decays to charm and charmonium final states.” M.S. Alam *et al.*, Phys. Rev. **D50**, 43–68 (1994).
526. “Observation of  $\Lambda_c^+$  Decays to  $\Lambda\pi^+\pi^0$ ,  $\Sigma^0\pi^+$ ,  $\Sigma^0\pi^+\pi^0$ , and  $\Sigma^0\pi^-\pi^+\pi^+$ .” P. Avery *et al.*, Phys. Lett. **B325**, 257–262 (1994).
527. “A Measurement of  $\mathcal{B}(D_s^+ \rightarrow \phi l^+\nu)/\mathcal{B}(D_s^+ \rightarrow \phi\pi^+)$ .” F. Butler *et al.*, Phys. Lett. **B324**, 255–262 (1994).
528. “Study of the Decay  $\Lambda_c^+ \rightarrow \Lambda l^+ l^- \nu$ .” T. Bergfeld *et al.*, Phys. Lett. **B323**, 219–226 (1994).
529. “Search for  $B^0$  decays to two charged leptons.” R. Ammar *et al.*, Phys. Rev. **D49**, 5701 – 5704 (1994).
530. “First measurement of  $\Gamma(D_s^+ \rightarrow \mu^+\nu)/\Gamma(D_s^+ \rightarrow \phi\pi^+)$ .” D. Acosta *et al.*, Phys. Rev. **D49**, 5690 – 5700 (1994).
531. “Measurement of the Branching Function for  $D^+ \rightarrow K^-\pi^+\pi^+$ .” R. Balest *et al.*, Phys. Rev. Lett. **72**, 2328 – 2331 (1994).
532. “Observation of a New Charmed Strange Meson.” Y. Kubota *et al.*, Phys. Rev. Lett. **72**, 1972 – 1976 (1994).
533. “Observation of  $D^0 \rightarrow K^+\pi^-$ .” D. Cinabro *et al.*, Phys. Rev. Lett. **72**, 1406–1410 (1994).
534. “Analysis of hadronic transitions in  $\Upsilon(3S)$  decays.” F. Butler *et al.*, Phys. Rev. **D49**, 40–57 (1994).
535. “Search for Exclusive  $b \rightarrow u$  Transitions in Hadronic Decays of  $B$  mesons Involving  $D_s^+$  and  $D_s^{*+}$ .” J. Alexander *et al.*, Phys. Lett. **B319**, 365–372 (1993).



536. “Measurement of Exclusive Semileptonic Decays of  $D$  Mesons.” A. Bean *et al.*, Phys. Lett. **B317**, 647–654 (1993).
537. “Measurement of Charmless Semileptonic Decays of  $B$  Mesons.” J. Bartelt *et al.*, Phys. Rev. Lett. **71**, 4111–4115 (1993).
538. “Observation of  $B^0$  Decay to Two Charmless Mesons.” M. Battle *et al.*, Phys. Rev. Lett. **71**, 3922–3926 (1993).
539. “Observation of the Charmed Baryon  $\Sigma_c^+$  and Measurement of the Isospin Mass Splittings of the  $\Sigma_c$ .” G. Crawford *et al.*, Phys. Rev. Lett. **71**, 3259–3262 (1993).
540. “Measurement of Exclusive  $\Lambda_c$  Decays with a  $\Sigma^+$  in the Final State.” Y. Kubota *et al.*, Phys. Rev. Lett. **71**, 3255–3258 (1993).
541. “Measurement of the Absolute Branching Fraction for  $D^0 \rightarrow K^-\pi^+$ .” D. S. Akerib *et al.*, Phys. Rev. Lett. **71**, 3070–3074 (1993).
542. “Study of the Decays  $\Lambda_c^+ \rightarrow \Xi^0 K^+$ ,  $\Lambda_c^+ \rightarrow \Sigma^+ K^+ K^-$ , and  $\Lambda_c^+ \rightarrow \Xi^- K^+ \pi^+$ .” P. Avery *et al.*, Phys. Rev. Lett. **71**, 2391–2395 (1993).
543. “Measurement of the  $D \rightarrow \pi\pi$  Branching Fractions.” M. Selen *et al.*, Phys. Rev. Lett. **71**, 1973–1977 (1993).
544. “Measurement of the Decay  $\tau^- \rightarrow \pi^-\pi^+\pi^-2\pi^0\nu_\tau$ ” D. Bortoletto *et al.*, Phys. Rev. Lett. **71**, 1791–1795 (1993).
545. “Two Measurements of  $B^0\bar{B}^0$  Mixing.” J. Bartelt *et al.*, Phys. Rev. Lett. **71**, 1680–1684 (1993).
546. “Measurement of the Ratio  $\mathcal{B}(D^+ \rightarrow \pi^0 l^+ \nu)/\mathcal{B}(D^+ \rightarrow \bar{K}^0 l^+ \nu)$ .” M. S. Alam *et al.*, Phys. Rev. Lett. **71**, 1311–1315 (1993).
547. “Evidence for Penguin-Diagram Decays: First Observation of  $B \rightarrow K^*(892)\gamma$ .” R. Ammar *et al.*, Phys. Rev. Lett. **71**, 674–678 (1993).
548. “Limit on the Tau Neutrino Mass.” D. Cinabro *et al.*, Phys. Rev. Lett. **70**, 3700–3704 (1993).
549. “A Search for Exclusive  $b \rightarrow u$  Semileptonic Decays of  $B$  Mesons.” A. Bean *et al.*, Phys. Rev. Lett. **70**, 2681–2685 (1993).
550. “Production and decay of the  $D_{s1}(2536)^+$ .” J.P. Alexander *et al.*, Phys. Lett. **B303**, 377–384 (1993).
551. “Tau Decays with One Charged Particle Plus Multiple  $\pi^0$ ’s.” M. Procaro *et al.*, Phys. Rev. Lett. **70**, 1207–1211 (1993).

552. “A Search for  $\tau^- \rightarrow \gamma\mu$ : a Test of Lepton Number Conservation.” A. Bean *et al.*, Phys. Rev. Lett. **70**, 138–142 (1993).
553. “A Study of  $D^0$  decays into  $\bar{K}^0$  and  $\bar{K}^{*0}$ .” M. Procaro *et al.*, Phys. Rev. **D48**, 4007–4017 (1993).
554. “Measurement of the  $\tau$ -lepton mass.” R. Balest *et al.*, Phys. Rev. **D47**, R3671–R3675 (1993).
555. “Lepton asymmetry measurements in  $\bar{B} \rightarrow D^* l^- \bar{\nu}_l$  and implications for  $V - A$  and the form factors.” S. Sanghera *et al.*, Phys. Rev. **D47** 791–798 (1993).
556. “The CLEO-II Detector.” Y. Kubota *et al.*, Nucl. Instr. Meth. **A320**, 66–113 (1992).
557. “Measurement of the  $\tau$  Lepton Electronic Branching Fraction.” D.S. Akerib *et al.*, Phys. Rev. Lett. **69**, 3610–3614 (1992).
558. “Measurement of  $\tau$  Decays Involving  $\eta$  Mesons.” M. Artuso *et al.*, Phys. Rev. Lett. **69**, 3278–3281 (1992).
559. “Isospin Mass Splittings from Precision Measurements of  $D^* - D$  Mass Differences.” D. Bortoletto *et al.*, Phys. Rev. Lett. **69**, 2046–2049 (1992).
560. “Measurement of the  $D^*(2010)$  Branching Fractions.” F. Butler *et al.*, Phys. Rev. Lett. **69**, 2041–2045 (1992).
561. “Exclusive  $\chi(2P)$  production in  $\Upsilon(3S)$  decay.” G. Crawford *et al.*, Phys. Lett. **B294**, 139–144 (1992).
562. “A Measurement of the  $\tau$  Lepton Lifetime.” M. Battle *et al.*, Phys. Lett. **B291**, 488–495 (1992).
563. “Observation of the decay  $\Xi_c^0 \rightarrow \Omega^- K^+$ .” S. Henderson *et al.*, Phys. Lett. **B283**, 161–164 (1992).
564. “Shape studies of quark jets vs. gluon jets at  $\sqrt{s} = 10$  GeV.” M.S. Alam *et al.*, Phys. Rev. **D46**, 4822–4827 (1992).
565. “Electronic branching ratio of the  $\tau$  lepton.” R. Ammar *et al.*, Phys. Rev. **D45**, 3976–3985 (1992).
566. “Two-body  $D_s^+$  decays to  $\eta\pi^+$ ,  $\eta'\pi^+$ ,  $\eta\rho^+$ ,  $\eta'\rho^+$ , and  $\phi\rho^+$ .” M. Daoudi *et al.*, Phys. Rev. **D45**, 3965–3975 (1992).
567. “Measurements of semileptonic branching fractions of  $B$  mesons at the  $\Upsilon(4S)$  resonance.” S. Henderson *et al.*, Phys. Rev. **D45**, 2212–2231 (1992).
568. “ $D_s^+$  Decays to  $\eta\rho^+$ ,  $\eta'\rho^+$ , and  $\phi\rho^+$ .” P. Avery *et al.*, Phys. Rev. Lett. **68** 1279–1282 (1992).

- 569. “ $D_s^+$  Decays to  $\eta\pi^+$  and  $\eta'\pi^+$ .” J. Alexander *et al.*, Phys. Rev. Lett. **68**, 1275–1278 (1992).
- 570. “Measurement of baryon production in  $B$ -meson decay.” G. Crawford *et al.*, Phys. Rev. **D45**, 752–770 (1992).
- 571. “Inclusive and exclusive decays of  $B$  mesons to final states including charm and charmonium mesons.” D. Bortoletto *et al.*, Phys. Rev. **D45**, 21–35 (1992).
- 572. “Measurement of the ratio  $B(D^0 \rightarrow K^{*-}e^+\nu_e)/B(D^0 \rightarrow K^-e^+\nu_e)$ .” G. Crawford *et al.*, Phys. Rev. **D44**, 3394–3401 (1991).
- 573. “Unusual decay modes of  $D^0$  and  $D^+$  mesons.” R. Ammar *et al.*, Phys. Rev. **D44**, 3383–3393 (1991).
- 574. “Inclusive  $\chi(2P)$  Production in  $\Upsilon(3S)$  Decay.” R. Morrison *et al.*, Phys. Rev. Lett. **67**, 1696–1700 (1991).
- 575. “Measurement of the Inclusive  $B^*$  Cross Section above the  $\Upsilon(4S)$ .” D. S. Akerib *et al.*, Phys. Rev. Lett. **67**, 1692–1695 (1991).
- 576. “Study of continuum  $D^{*+}$  spin alignment.” Y. Kubota *et al.*, Phys. Rev. Lett. **44**, 593–600 (1991).
- 577. “Inclusive production of the charmed baryon  $\Lambda_c$  from  $e^+e^-$  annihilations at  $\sqrt{s} = 10.55$  GeV.” P. Avery *et al.*, Phys. Rev. **D43**, 3599 (1991).
- 578. “Study of  $D^0$  decays into final states with a  $\pi^0$  or  $\eta$ .” K. Kinoshita *et al.*, Phys. Rev. **D43**, 2836–2842 (1991).