

Sridhara Rao Dasu

Department of Physics
1150 University Avenue
University of Wisconsin-Madison
Madison, WI 53706

phone: (608) 262-3678
wireless: (408) 829-6625
fax: (608) 263-0800
email: dasu@hep.wisc.edu
<http://www.hep.wisc.edu/~dasu>

Personal Data

Date of Birth: August 25, 1961 in Hyderabad, India
Nationality: United States (naturalized)

Education

1988 Ph.D. Physics, University of Rochester, Rochester, NY
Thesis Advisor: Professor Arie Bodek
Thesis Title: *Precision Measurement of x , Q^2 and A -dependence of $R = \sigma_L/\sigma_T$ and F_2 in Deep Inelastic Scattering*
1985 M.A. Physics, University of Rochester, Rochester, NY
1983 M.Sc. Physics, University of Hyderabad, Hyderabad, India
1981 B.Sc., Nizam College (Osmania University), Hyderabad, India

Positions Held

2006 – Present Associate Professor, University of Wisconsin-Madison
2000 – 2005 Assistant Professor, University of Wisconsin-Madison
2000 – 2000 Associate Scientist, University of Wisconsin-Madison
1992 – 1999 Assistant Scientist, University of Wisconsin-Madison
1995 – 1995 Lecturer, University of Wisconsin-Madison
1988 – 1992 Research Associate, Stanford Linear Accelerator Center
1983 – 1988 Research/Teaching Assistant, University of Rochester

Honors and Awards

1987 David Dexter Prize, University of Rochester
1981 – 1983 University Merit Scholar, University of Hyderabad
1976 – 1981 National Merit Scholar, Government of India

Collaborations

1997 – now BaBar experiment at SLAC – e^+e^- Annihilations at Upsilon(4S)
1994 – now CMS experiment at CERN – High Energy Proton-Proton Collisions
1992 – 1997 ZEUS experiment at DESY – High Energy Electron-Proton Collisions
1992 – 1994 SDC experiment at SSC Laboratory – High Energy Proton-Proton Collisions
1988 – 1992 SLD experiment at SLAC – e^+e^- Annihilations at Z^0
1985 – 1992 E140 experiment at SLAC – Measurement of R in Deep Inelastic Scattering
1985 – 1988 E141 experiment at SLAC – Search for Short Lived Axions in Beam Dump

List of Research Staff and Students

Current Postdoctoral Researchers and Professionals

Dr. Kevin Flood,	Postdoctoral Associate, BaBar
Dr. Maurizio Pierini,	Postdoctoral Associate, BaBar
Dr. Monika Grothe,	Assistant Scientist, CMS
Dr. Pamela Klabbers,	Associate Scientist, CMS
Dr. Ajit Mohapatra,	Associate Researcher (Physics Computing), CMS
Mr. Dan Bradley,	Software Engineer, CMS
Mr. Will Maier,	System Administrator, CMS
Mr. Steve Rader,	System Administrator, CMS
Mr. Tom Gorski,	Electronics Engineer, CMS
Mr. Matthew Jaworski,	Electronics Engineer, CMS
Mr. Robert Fobes,	Electronics Technician, CMS

Past Postdoctoral Researchers and Professionals

Dr. Francesca Di Lodovico, BaBar,	Lecturer, Queen Mary College, England.
Dr. Ajit Mohapatra, BaBar,	Associate Researcher, University of Wisconsin

Current Graduate Students

Mr. Carl Vuosalo,	Ph.D. Student, BaBar
Mr. Mike Anderson,	Ph.D. Student, CMS
Mr. Christos Lazaridis,	Ph.D. Student, CMS (with Professor W. H. Smith)
Mr. Marc Weinberg,	Ph.D. Student, CMS (with Professor W. H. Smith)
Ms. Kira Grogg,	Ph.D. Student, CMS (with Professor W. H. Smith)
Ms. Jessica Leonard,	Ph.D. Student, CMS (with Professor W. H. Smith)
Mr. V. Mehta	M.S. Student (EE/CS), Project Assistant on CMS

Past Graduate Students

Dr. Jonathan Hollar, BaBar	Ph.D. (Physics) 2006, LLNL (with Prof. Prepost)
Dr. Ping Tan, BaBar	Ph.D. (Physics) 2005, FNAL
Dr. Andrew Eichenbaum, BaBar	Ph.D. (Physics) 2004, Industry, CA (with Prof. Prepost)
Ms. Ada Rubin, BaBar	M.S. (Physics) 2004, Ph. D. Student, U. Iowa
Ms. Meghan O'Connell,	M.S. (Physics Education) 2005
Ms. Kendra Rand,	M.S. (Physics Education) 2005
Mr. V. Puttabuddhi,	M.S. (EE/CS) 2005, Industry, Mountain View, CA
Mr. R. Gowrishankara,	M.S. (EE/CS) 2004, Industry, Madison, WI
Mr. R. Rajamani,	M.S. (EE/CS) 2002, Industry, Palo Alto, CA

Grants and Contracts

Research Funding

Lead PI:

Title: Large Scale Distributed Computing for HEP Research
Agency: Wisconsin Alumni Research Foundation
Award Amount: \$19,374
Dates: Jul 2002 - Jun 2003

Title: Startup Package
Agency: Wisconsin Alumni Research Foundation
Award Amount: \$108,333
Dates: Jul 2000 - Jun 2003

Title: Startup Package
Agency: UW Physics Department
Award Amount: \$150,000
Dates: Jul 2000 - Jun 2005

Title: Condor: CMS Trigger Simulation
Agency: Wisconsin Alumni Research Foundation
Award Amount: \$32,500
Dates: Jul 2000 - Jun 2003

Title: USCMS Research Program – Software & Computing and Maintenance & Operation
Agency: National Science Foundation (Subcontract from UCLA – Dasu is lead PI for S&C)
Award Amount: \$284,000 (Software & Computing amount - \$180,000)
Dates: May 2005 – February 2006

Title: Data Intensive Science University Network (DISUN)
Agency: National Science Foundation (Subcontract from UCLA – Dasu is lead PI from UW)
Award Amount: \$10,000,000 (UW subcontract amount - \$2,403,000)
Dates: May 2005 - May 2010

Title: Rapid-response Adaptive Computing Environments
Agency: National Science Foundation
Award Amount: \$750,000
Dates: Sep 2004 - Aug 2008

Title: Probing Matter/Anti-matter Asymmetry,
Agency: Wisconsin Alumni Research Foundation
Award Amount: \$26,660
Dates: Jul 2004 - Jun 2005

Title: Probing the Origin of Mass and Matter/Anti-matter Asymmetry,
Agency: UW Graduate School
Award Amount: \$24,420
Dates: Jul 2003 - Jun 2004

Title: A Portal to the Distributed Computer Grid for the CMS at LHC
Agency: National Science Foundation
Award Amount: \$162,000
Dates: Sep 2002-Aug 2004

Title: US CMS Software & Computing Subsystem
Agency: Fermi National Accelerator Laboratory
Award Amount: \$293,143
Dates: Aug 2002 - Sep 2006

Co-PI:

Title: Grid Laboratory of Wisconsin
Agency: National Science Foundation
Award Amount: \$1,186,405
Dates: Sep 2003 - Aug 2006

Title: Matching for NSF MRI: GLOW
Agency: Wisconsin Alumni Research Foundation
Award Amount: \$508,459
Dates: Sep 2003 - Aug 2006

Title: Electromagnetic & Weak Interactions at SLAC
Agency: US Department of Energy
Award Amount: \$2,737,938
Dates: Nov 2000 - Oct 2007

Title: CMS @ LHC
Agency: US Department of Energy
Award Amount: \$6,111,379
Dates: Nov 2000 - Oct 2007

Title: Data Analysis Facility
Agency: US Department of Energy
Award Amount: \$160,000
Dates: Nov 2000 - Oct 2007

Professional Activities

Collaborative responsibilities

2005 – Present	Co-convenor of the Online Selection group of the CMS experiment.
2005 – Present	Manager of the CMS Tier-2 Computing Center at Wisconsin
2003 – Present	Head of the Technical Board of the Grid Laboratory Of Wisconsin
1998 – Present	USCMS Level-3 Manager of CMS L1 Calorimeter Trigger System

Community and Collaboration Service

2004 – Present	Member, LHC Physics Center (LPC) Advisory Board
2000 – Present	Member/Chair (03-), USCMS Advisory Software & Computing Board
2001 – 2002	Chair, SLAC Users Organization (SLUO) Executive Committee
2000 – 2003	Member, SLAC Users Organization (SLUO) Executive Committee

Books

Member of the Editorial Board: "CMS. The TriDAS project." Technical Design Report, Vol 1: The Trigger CERN-LHCC-2000-038

Co-editor: "Proceedings of the DIS2005." AIP 792, ISBN 0-7354-0283-3.

Invited Presentations, Colloquia and Seminars

Conferences

1. *Standard Model Higgs at LHC*, 2007 Aspen Winter Conference: New Physics at the Electroweak Scale and New Signals at Hadron Colliders, January 2007, Aspen, Colorado.
2. *CMS Trigger Strategy*, West Coast LHC Theory Network, May 2006, San Diego, California.
3. *Grid Laboratory Of Wisconsin and DISUN*, Condor Week, April 2006, Madison, Wisconsin.
4. *Contribution of Condor and GLOW to LHC*, International Conference on Computing in High Energy and Nuclear Physics, February 2006, Mumbai, India.
5. *Grid Laboratory Of Wisconsin (GLOW)*, Global Grid Forum Workshop on Campus Grids, Harvard University, September 2005, Cambridge, MA.
6. *Computing in High Energy Physics and its Relevance for Other Sciences*, Genomic Sciences Training Program, June 2005, Madison, WI.
7. *Challenges of LHC: Trigger*, 2005 Aspen Winter Conference: The Highest Energy Physics, Aspen, Colorado, February, 2005
8. *Use of Condor and GLOW for CMS Simulation Production*, CHEP'04, International conference on computing in high energy physics, Interlaken, Switzerland, September, 2004.
9. *Search for New Physics at B-Factories*, The 12th International Conference on

- Supersymmetry and Unification of Fundamental Interactions, Tsukuba, Japan, June 17-23, 2004
10. *Grid Computing - A Primer* WiscNet Future Technologies Conference, Madison, WI, USA, April 2004
 11. *Probing the Standard Model with Electroweak Penguin B Decays*, XXIII Physics in Collision, Zeuthen, Germany, June 26-28, 2003.
 12. *Higgs Search At LHC*, IXth International Symposium on Particles, Strings and Cosmology, PASCOS '03, Mumbai, India, January 3-8, 2003
 13. *Prospects for measurement of V_{td}/V_{ts} using $b \rightarrow d\gamma$ and $b \rightarrow s\gamma$ at the B factories*, Workshop on the CKM Unitarity Triangle, Geneva, Switzerland, Feb 2002
 14. *Physics at CMS Trigger and Event Filter Level*, III International Symposium on LHC Physics and Detectors, Chia, Sardinia, Italy, October 2001.
 15. *Physics at B Factories*, Phenomenology Symposium, Madison, WI, April 2000.
 16. *Physics at LHC*, Aspen Winter Conference on Particle Physics - Vistas on XXIst Century Particle Physics, Aspen, USA, January 16-22, 2000
 17. *Search for new physics at LHC*, The Second International Conference on Physics beyond the Standard Model; Beyond the Desert'99 – Accelerator, Non-Accelerator and Space approaches into the Next Millenium, Tegernsee, Germany, Jun 6-12, 1999
 18. *CMS Calorimeter Regional Trigger Prototypes*, LEB'99, Fifth Workshop on Electronics for LHC Experiment, Snowmass, USA, September, 1999.
 19. *CMS/LHC Status and Physics Prospects*, Fermilab Users Meeting, July 1998.
 20. *The Standard model physics from HERA*, Pheno-CTEQ Symposium 1998 - From non-perturbative QCD to new physics, Madison, Wisconsin, Mar 23-26, 1998.
 21. *Event logging and distribution for the BaBar Online System*, CHEP'98, International conference on computing in high energy physics, Chicago, USA, September, 1998.
 22. *The calorimeter trigger system for CMS detector*, CHEP'98, International conference on computing in high energy physics, Chicago, USA, September, 1998.
 23. *Physics potential of CMS/LHC*, 4th International conference on physics potential and development of $\mu+\mu-$ colliders, San Francisco, California, Dec 10-12, 1997.
 24. *High speed data processing for the CMS calorimeter trigger*, IEEE Nuclear Science Symposium, Albuquerque, New Mexico, November 1997
 25. *Calorimeter trigger electronics for CMS detector at LHC*, CHEP'97, International conference on computing in high energy physics, Berlin, Germany, April, 1997.
 26. *Extraction of the gluon density in proton from the ZEUS DIS cross section*, DPF'96, Minneapolis, Minnesota, Aug 10-15, 1996.
 27. *CMS calorimeter trigger circuits*, Trigger electronics for capturing physics with CMS detector at LHC, DPF'96, Minneapolis, Minnesota, Aug 10-15, 1996.
 28. *CMS level-1 calorimeter trigger*, International conference on computing in high energy physics, Rio de Janeiro, Brazil, September 18-22, 1995.
 29. *Level-1 calorimeter trigger for LHC*, The fifth international conference on calorimetry in high energy physics, Brookhaven, New York, September 26-30, 1994.
 30. *SDC level-1 calorimeter trigger*, International conference on computing in high energy physics, San Fransisco, California, April 21-27, 1994.
 31. *SDC level-1 calorimeter trigger*, The fourth international conference on calorimetry in high energy physics, La Biodola, Isola d'Elba, Italy, September 19-25, 1993.

32. *Study of nuclear effects in the deuteron and extraction of F_2^N / F_2^P* , The fourth conference on intersections between particle and nuclear physics, Tucson, Arizona, May 23-29, 1991.
33. *Measurement of kinematic and nuclear dependence of $R = \sigma_L / \sigma_T$* , International Europhysics conference on high energy physics, Uppsala, Sweden, June 25 - July 1, 1987.
34. *Measurement of kinematic and nuclear dependence of $R = \sigma_L / \sigma_T$* , The second Lake Louise winter institute on new frontiers in particle physics, Lake Louise, Canada, February 15-21, 1987.

Collaboration Workshops

1. *CMS Trigger System: Overview and Status*, LPC Trigger Workshop, Fermilab, October 2005, Batavia, IL.
2. *Calorimeters in the Trigger*, Third CMS Workshop on Detectors and Electronics for the SLHC, July 2005, CERN, Geneva.
3. *Tier-2 Center at UW*, USCMS Tier-2 Workshop, May 2005, Madison WI.
4. *Use of Tracking Trigger with Calorimeter Trigger*, Second CMS Workshop on Detectors and Electronics for the SLHC, July 2004, London.
5. *Chair and Discussion Leader*, USCMS ASCB Retreat on Tier-2 Centers, June 2004, Pasadena, CA.
6. *Roadmap for Level 1 Trigger*, CMS Workshop on Detectors and Electronics for the SLHC, February 2004, CERN, Geneva.
7. *Calorimeter Trigger for Super LHC*, USCMS SLHC Upgrade Workshop, February 2004, Madison, WI.

Colloquia and Seminars:

1. Seminar, CERN, Geneva, Switzerland, July 2005
2. Seminar, Stanford Linear Accelerator Center, Menlo Park, CA, June 2005
3. Seminar, University of Illinois, Urbana-Champaign, IL, April 2004
4. Seminar, University of Wisconsin, Madison, WI, April 2004
5. Seminar, Argonne National Laboratory, Chicago, IL, September 2003
6. Seminar, University of Hyderabad, Hyderabad, India, January 2003
7. Seminar, University of Hyderabad, Hyderabad, India, January 2003
8. Colloquium, University of Alabama, Tuscaloosa, AL, March 2000
9. Colloquium, University of Wisconsin, Madison, WI, February 2000
10. Seminar, University of Wisconsin, Madison, WI, November 2000
11. Seminar, California Institute of Technology, Pasadena, CA, 1999
12. Seminar, Stanford Linear Accelerator Center, Menlo Park, CA, 1998
13. Colloquium, University of Notre Dame, IN, February 1997
14. Seminar, University of Notre Dame, IN, February 1997
15. Seminar, State University of New York, Stony Brook, NY, December 1996
16. Seminar, University of Hyderabad, Hyderabad, India, January 1995
17. Colloquium, Tata Institute of Fundamental Research, Bombay, India, January 1995
18. Seminar, Tata Institute of Fundamental Research, Bombay, India, January 1995
19. Colloquium, DESY Laboratory, Hamburg, Germany, 1994
20. Seminar, University of Wisconsin, Madison, WI, September 1991

21. Seminar, SSC Laboratory, Dallas, TX, September 1991
22. Seminar, University of California-Davis, Davis, CA, 1990
23. Seminar, University of Chicago, Chicago, IL, December 1987
24. Seminar, Fermi National Accelerator Laboratory, Batavia, IL, December 1987
25. Seminar, Stanford Linear Accelerator Center, Menlo Park, CA, November 1987

Journal Publications of Sridhara Rao Dasu

1. B. Aubert *et al.* [BABAR Collaboration], Phys. Rev. D **73**, 011103 (2006) [arXiv:hep-ex/0512028].
2. B. Aubert *et al.* [BABAR Collaboration], Phys. Rev. D **73**, 012005 (2006) [arXiv:hep-ex/0512023].
3. B. Aubert *et al.* [BABAR Collaboration], Phys. Rev. Lett. **96**, 052002 (2006) [arXiv:hep-ex/0510070].
4. B. Aubert *et al.* [BABAR Collaboration], Phys. Rev. D **72**, 111101 (2005) [arXiv:hep-ex/0510051].
5. B. Aubert *et al.* [BABAR Collaboration], Phys. Rev. D **73**, 012006 (2006) [arXiv:hep-ex/0509040].
6. B. Aubert *et al.* [BABAR Collaboration], Phys. Rev. Lett. **96**, 011803 (2006) [arXiv:hep-ex/0509036].
7. B. Aubert *et al.* [BABAR Collaboration], Phys. Rev. D **72**, 091101 (2005) [arXiv:hep-ex/0508039].
8. B. Aubert *et al.* [BABAR Collaboration], Phys. Rev. D **73**, 031101 (2006) [arXiv:hep-ex/0508013].
9. B. Aubert *et al.* [BABAR Collaboration], Phys. Rev. Lett. **96**, 041801 (2006) [arXiv:hep-ex/0508012].
10. B. Aubert *et al.* [BABAR Collaboration], Phys. Rev. Lett. **94**, 221803 (2005).
11. B. Aubert *et al.* [BABAR Collaboration], Phys. Rev. D **72**, 052004 (2005) [arXiv:hep-ex/0508004].
12. B. Aubert *et al.* [BABAR Collaboration], Phys. Rev. D **72**, 071104 (2005) [arXiv:hep-ex/0508001].
13. B. Aubert *et al.* [BABAR Collaboration], Phys. Rev. D **73**, 011101 (2006) [arXiv:hep-ex/0507090].
14. B. Aubert *et al.* [BABAR Collaboration], Phys. Rev. D **73**, 012004 (2006) [arXiv:hep-ex/0507054].
15. B. Aubert *et al.* [BaBar Collaboration], Phys. Rev. D **72**, 051103 (2005) [arXiv:hep-ex/0507038].
16. B. Aubert *et al.* [BABAR Collaboration], Phys. Rev. D **72**, 052008 (2005) [arXiv:hep-ex/0507026].
17. B. Aubert *et al.* [BABAR Collaboration], Phys. Rev. D **72**, 052002 (2005) [arXiv:hep-ex/0507025].
18. B. Aubert *et al.* [BaBar Collaboration], Phys. Rev. Lett. **95**, 221801 (2005) [arXiv:hep-ex/0507023].
19. B. Aubert *et al.* [BABAR Collaboration], Phys. Rev. D **72**, 051101 (2005) [arXiv:hep-ex/0507012].
20. B. Aubert *et al.* [BABAR Collaboration], Phys. Rev. D **72**, 052006 (2005) [arXiv:hep-ex/0507009].
21. B. Aubert *et al.* [BABAR Collaboration], Phys. Rev. D **72**, 072003 (2005) [arXiv:hep-ex/0507004].
22. B. Aubert *et al.* [BABAR Collaboration], Phys. Rev. D **72**, 051102 (2005) [arXiv:hep-ex/0507003].
23. B. Aubert *et al.* [BABAR Collaboration], Phys. Rev. D **72**, 071103 (2005) [arXiv:hep-ex/0507002].
24. B. Aubert *et al.* [BaBar Collaboration], Phys. Rev. Lett. **95**, 151804 (2005) [arXiv:hep-ex/0506082].
25. B. Aubert *et al.* [BABAR Collaboration], Phys. Rev. Lett. **95**, 142001 (2005) [arXiv:hep-ex/0506081].
26. B. Aubert *et al.* [BABAR Collaboration], Phys. Rev. D **72**, 051106 (2005) [arXiv:hep-ex/0506070].
27. B. Aubert *et al.* [BaBar Collaboration], Phys. Rev. Lett. **95**, 191801 (2005) [arXiv:hep-ex/0506066].
28. B. Aubert *et al.* [BABAR Collaboration], Phys. Rev. D **72**, 031101 (2005) [arXiv:hep-ex/0506062].
29. B. Aubert *et al.* [BABAR Collaboration], Phys. Rev. Lett. **95**, 111801 (2005) [arXiv:hep-ex/0506036].

30. B. Aubert *et al.* [BABAR Collaboration], Phys. Rev. D **72**, 012003 (2005) [arXiv:hep-ex/0506007].
31. B. Aubert *et al.* [BABAR Collaboration], Phys. Rev. D **72**, 011102 (2005) [arXiv:hep-ex/0505099].
32. B. Aubert *et al.* [BABAR Collaboration], Phys. Rev. Lett. **95**, 131802 (2005) [arXiv:hep-ex/0505092].
33. B. Aubert *et al.* [BABAR Collaboration], Phys. Rev. D **72**, 071102 (2005) [arXiv:hep-ex/0505084].
34. B. Aubert *et al.* [the BABAR Collaborations], Phys. Rev. D **72**, 072001 (2005) [arXiv:hep-ex/0505004].
35. B. Aubert *et al.* [BABAR Collaboration], Phys. Rev. D **72**, 032004 (2005) [arXiv:hep-ex/0504047].
36. B. Aubert *et al.* [BABAR Collaboration], Phys. Rev. Lett. **95**, 121802 (2005) [arXiv:hep-ex/0504039].
37. B. Aubert *et al.* [BABAR Collaboration], Phys. Rev. D **71**, 112003 (2005) [arXiv:hep-ex/0504035].
38. B. Aubert *et al.* [BABAR Collaboration], Phys. Rev. Lett. **95**, 142003 (2005) [arXiv:hep-ex/0504014].
39. B. Aubert *et al.* [BABAR Collaboration], Phys. Rev. D **71**, 111101 (2005) [arXiv:hep-ex/0504009].
40. B. Aubert *et al.* [BABAR Collaboration], Phys. Rev. Lett. **95**, 042001 (2005) [arXiv:hep-ex/0504001].
41. B. Aubert *et al.* [BABAR Collaboration], Phys. Rev. Lett. **95**, 041805 (2005) [arXiv:hep-ex/0503049].
42. B. Aubert *et al.* [BABAR Collaboration], Phys. Rev. Lett. **95**, 131803 (2005) [arXiv:hep-ex/0503035].
43. B. Aubert *et al.* [BABAR Collaboration], Phys. Rev. D **71**, 091103 (2005) [arXiv:hep-ex/0503021].
44. B. Aubert *et al.* [BABAR Collaboration], Phys. Rev. D **71**, 111102 (2005) [arXiv:hep-ex/0503011].
45. B. Aubert *et al.* [BaBar Collaboration], Phys. Rev. D **71**, 091104 (2005) [arXiv:hep-ex/0502041].
46. B. Aubert *et al.* [BABAR Collaboration], Phys. Rev. Lett. **95**, 041802 (2005) [arXiv:hep-ex/0502032].
47. B. Aubert *et al.* [BABAR Collaboration], Phys. Rev. D **71**, 052001 (2005) [arXiv:hep-ex/0502025].
48. B. Aubert *et al.* [BABAR Collaboration], Phys. Rev. D **71**, 091102 (2005) [arXiv:hep-ex/0502019].
49. B. Aubert *et al.* [BaBar Collaboration], Phys. Rev. Lett. **94**, 191802 (2005) [arXiv:hep-ex/0502017].
50. B. Aubert *et al.* [BABAR Collaboration], Phys. Rev. Lett. **95**, 011801 (2005) [arXiv:hep-ex/0502013].
51. B. Aubert *et al.* [BABAR Collaboration], Phys. Rev. Lett. **95**, 042002 (2005) [arXiv:hep-ex/0502004].
52. B. Aubert *et al.* [BABAR Collaboration], Phys. Rev. D **71**, 091101 (2005) [arXiv:hep-ex/0501075].
53. B. Aubert *et al.* [BaBar Collaboration], Phys. Rev. Lett. **95**, 151803 (2005) [arXiv:hep-ex/0501071].
54. B. Aubert *et al.* [BABAR Collaboration], Phys. Rev. Lett. **94**, 171801 (2005) [arXiv:hep-ex/0501061].
55. B. Aubert *et al.* [BABAR Collaboration], Phys. Rev. D **72**, 091103 (2005) [arXiv:hep-ex/0501038].
56. B. Aubert *et al.* [BABAR Collaboration], Phys. Rev. Lett. **94**, 131801 (2005) [arXiv:hep-ex/0412067].
57. B. Aubert *et al.* [BABAR Collaboration], Phys. Rev. Lett. **94**, 141801 (2005) [arXiv:hep-ex/0412062].
58. B. Aubert *et al.* [BaBar Collaboration], Phys. Rev. D **71**, 031501 (2005) [arXiv:hep-ex/0412051].
59. B. Aubert *et al.* [BABAR Collaboration], Phys. Rev. Lett. **95**, 171802 (2005) [arXiv:hep-ex/0412040].
60. B. Aubert *et al.* [BABAR Collaboration], Phys. Rev. Lett. **94**, 181802 (2005) [arXiv:hep-ex/0412037].
61. B. Aubert *et al.* [BABAR Collaboration], Phys. Rev. D **71**, 031102 (2005) [arXiv:hep-ex/0411091].
62. B. Aubert *et al.* [BABAR Collaboration], Phys. Rev. Lett. **94**, 101801 (2005) [arXiv:hep-ex/0411061].
63. B. Aubert *et al.* [BABAR Collaboration], Phys. Rev. D **71**, 031103 (2005) [arXiv:hep-ex/0411054].
64. B. Aubert *et al.* [BABAR Collaboration], Phys. Rev. D **71**, 032005 (2005) [arXiv:hep-ex/0411016].

65. K. Abe *et al.* [SLD Collaboration], Phys. Rev. Lett. **94**, 091801 (2005) [arXiv:hep-ex/0410042].
66. B. Aubert *et al.* [BABAR Collaboration], Phys. Rev. Lett. **94**, 161803 (2005) [arXiv:hep-ex/0408127].
67. B. Aubert *et al.* [BABAR Collaboration], Phys. Rev. D **70**, 091106 (2004) [arXiv:hep-ex/0408113].
68. B. Aubert *et al.* [BABAR Collaboration], Phys. Rev. D **70**, 091102 (2004) [arXiv:hep-ex/0408066].
69. B. Aubert *et al.* [BABAR Collaboration], arXiv:hep-ex/0408089.
70. B. Aubert *et al.* [BABAR Collaboration], Phys. Rev. D **70**, 072004 (2004) [arXiv:hep-ex/0408078].
71. B. Aubert *et al.* [BABAR Collaboration], Phys. Rev. D **70**, 091103 (2004) [arXiv:hep-ex/0408054].
72. B. Aubert *et al.* [BABAR Collaboration], Phys. Rev. Lett. **93**, 181801 (2004) [arXiv:hep-ex/0408041].
73. B. Aubert *et al.* [BABAR Collaboration], Phys. Rev. Lett. **94**, 011801 (2005) [arXiv:hep-ex/0408034].
74. B. Aubert *et al.* [BABAR Collaboration], Phys. Rev. D **71**, 051502 (2005) [arXiv:hep-ex/0408027].
75. B. Aubert *et al.* [BABAR Collaboration], Phys. Rev. Lett. **93**, 191801 (2004) [arXiv:hep-ex/0408023].
76. B. Aubert *et al.* [BABAR Collaboration], Phys. Rev. D **70**, 091104 (2004) [arXiv:hep-ex/0408018].
77. B. Aubert *et al.* [BABAR Collaboration], Phys. Rev. Lett. **93**, 231804 (2004) [arXiv:hep-ex/0408017].
78. B. Aubert *et al.* [BaBar Collaboration], Phys. Rev. Lett. **93**, 131801 (2004) [arXiv:hep-ex/0407057].
79. B. Aubert *et al.* [BABAR Collaboration], Phys. Rev. Lett. **95**, 041804 (2005) [arXiv:hep-ex/0407038].
80. B. Aubert *et al.* [BABAR Collaboration], Phys. Rev. D **70**, 111102 (2004) [arXiv:hep-ex/0407013].
81. B. Aubert *et al.* [BABAR Collaboration], Phys. Rev. D **70**, 112006 (2004) [arXiv:hep-ex/0407003].
82. B. Aubert *et al.* [BABAR Collaboration], Phys. Rev. Lett. **94**, 041802 (2005) [arXiv:hep-ex/0406040].
83. B. Aubert *et al.* [BABAR Collaboration], Phys. Rev. D **71**, 071103 (2005) [arXiv:hep-ex/0406022].
84. B. Aubert *et al.* [BABAR Collaboration], Phys. Rev. Lett. **93**, 181805 (2004) [arXiv:hep-ex/0406005].
85. B. Aubert *et al.* [BABAR Collaboration], Phys. Rev. Lett. **93**, 201801 (2004) [arXiv:hep-ex/0405082].
86. B. Aubert *et al.* [BABAR Collaboration], Phys. Rev. Lett. **93**, 091802 (2004) [arXiv:hep-ex/0405071].
87. B. Aubert *et al.* [BABAR Collaboration], Phys. Rev. D **72**, 032005 (2005) [arXiv:hep-ex/0405025].
88. S. Dasu, Pramana **62**, 177 (2004).
89. B. Aubert *et al.* [BABAR Collaboration], Phys. Rev. Lett. **93**, 231801 (2004) [arXiv:hep-ex/0404029].
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