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Aaron Dominguez

EDUCATION

- 1998 • PhD Physics, University of California at San Diego
- 1994 • MS Physics, University of California at San Diego
- 1992 • BS Applied Physics, California Institute of Technology
- 1992 • BA Math-Physics, Whitman College

OBJECTIVE

- Tenure-track junior faculty position: teaching and carrying out research in experimental high energy physics.

RESEARCH EXPERIENCE

- 1999-present • **Postdoctoral Fellow at Lawrence Berkeley National Laboratory**
 - Searching for production of neutral MSSM Higgs bosons in CDF RunII data
 - Co-convenor of CDF Higgs analysis group
 - Co-convenor of high-pt b-tagging group
 - Co-convenor of silicon microvertex detector optimization group
 - Responsible for assembly, testing, installation and commissioning of electronics used in silicon detector
- 1998-1999 • **Postdoctoral Research Assistant at UCSD**
 - Co-coordinator of L3 Higgs analysis group
 - Member of LEP Higgs working which performed PDG Higgs search combinations
- 1992-1998 • **Graduate Research Assistant at UCSD**
 - Developed novel, high efficiency/purity b-tag using 3D information from L3's silicon detector
 - Utilized b-tag to search for neutral SM and MSSM Higgs bosons in L3 LEPII data
 - Test-beam for SPAKEBAB lead-scintillating-fiber calorimeter proposed for CMS
 - Worked on calibration system for BaF crystal calorimeter for proposed SSC experiment GEM

REFERENCES

- **Angela Galtieri:** Leader of LBNL's CDF group, LBNL, ABGaltieri@lbl.gov, (510)486-4411
- **Marjorie Shapiro:** Professor of Physics, UC Berkeley, MDShapiro@lbl.gov, (510)486-4683
- **Young-Kee Kim:** Professor of Physics, Univ. Chicago, ykkim@fnal.gov, (630)840-2405
- **Nigel Lockyer:** Professor of Physics, Co-Spokesman of CDF, Univ. Pennsylvania, lockyer@fnal.gov, (630)840-2685
- **James Branson:** Professor of Physics, UC San Diego, branson@ucsd.edu, (858)534-2978

AWARDS, FELLOWSHIPS, GRANTS

- 1996 • R. Hoffstadter Award: Summer School at Ettore Majorana Center, Erice, Italy.
- 1991 • Athlete of the Year: Caltech
- 1990 • 3-2 Engineering Student of the Year: Whitman College

EDUCATIONAL OUTREACH

- 2001-present • Founder and Director of BEST (Bilingual English/Spanish Tutoring) Program, Aurora, IL.

CONFERENCE PRESENTATIONS AND SEMINARS

- 2003 • **University Seminars:** “Prospects for Discovery of Neutral Higgs Bosons in RunII Data,” Univ. Chicago, Nov 24; Univ. New Mexico, Dec 2.
- **Fermilab Joint Experimental-Theoretical Seminar** (Wine & Cheese): “Recent CDF Results,” Fermilab, Aug 8.
- **LBNL DOE Review:** “LBNL/CDF Group Report,” Berkeley, May 28.
- 1999 • **CERN Seminar:** “L3 Higgs Searches at $\sqrt{s}=189-196$ GeV,” CERN, Sept 6.
- **SUSY99:** “LEP MSSM Higgs Searches at $\sqrt{s}=189$ GeV,” Barcelona, June 18.
- **University Seminars:** “Standard Model and MSSM Higgs Searches at L3 LEP II,” Berkeley, June; Univ. Pennsylvania, Mar 5; UC San Diego, Mar 11.
- 1996-1997 • **Intl. Workshop on Quantum Effects in the MSSM:** “Search for R-Parity Violating Sneutrino Exchange and Production of Neutral Higgs Bosons at LEP II,” Barcelona, Sept 1997.
- **APS96:** “Search for Charged Higgs Boson Production in LEP I Data,” Indianapolis, May 1996

PUBLICATIONS

DOCTORAL DISSERTATION

- **Search for Neutral Higgs Bosons in e^+e^- Interactions at Center-of-Mass Energies Between 130 GeV and 183 GeV**, <http://hep.ucsd.edu/thesis/aaron.html>.

SELECTED PUBLICATIONS AS PRINCIPAL AUTHOR

- M. Acciarri *et al.*, “Search for neutral Higgs bosons of the minimal supersymmetric standard model in e^+e^- interactions at $s^{*}(1/2) = 192\text{-GeV}$ to 202-GeV ,” Phys. Lett. B **503**, 21 (2001) [arXiv:hep-ex/0012017].
- M. Acciarri *et al.*, “Search for neutral Higgs bosons of the minimal supersymmetric standard model in e^+e^- interactions at $s^{*}(1/2) = 189\text{-GeV}$,” Phys. Lett. B **471**, 321 (1999) [arXiv:hep-ex/9910053].
- M. Acciarri *et al.*, “Search for charged Higgs bosons in e^+e^- collisions at $s^{*}(1/2) = 189\text{-GeV}$,” Phys. Lett. B **466**, 71 (1999) [arXiv:hep-ex/9909044].

PUBLICATIONS (continued)

- M. Acciarri *et al.*, “Search for standard model Higgs boson in $e^+ e^-$ interactions at $s^{**}(1/2) = 189\text{-GeV}$,” Phys. Lett. B **461**, 376 (1999) [arXiv:hep-ex/9909004].
- M. Acciarri *et al.*, “Search for charged Higgs bosons in $e^+ e^-$ collisions at centre-of-mass energies between 130-GeV and 183-GeV,” Phys. Lett. B **446**, 368 (1999).
- M. Acciarri *et al.*, “Search for neutral Higgs bosons of the minimal supersymmetric standard model in $e^+ e^-$ interactions at $s^{**}(1/2) = 130\text{-GeV}$ to 183-GeV,” Phys. Lett. B **436**, 389 (1998).
- M. Acciarri *et al.*, “Search for the standard model Higgs boson in $e^+ e^-$ interactions at $s^{**}(1/2) = 183\text{-GeV}$,” Phys. Lett. B **431**, 437 (1998).

PUBLICATIONS IN CALORIMETRY

- O. Dubois, O. Ganel, R. Wigmans, W. Brower, A. Dominguez, C. Duba and H. Paar, “Beam Test Results From The Spakebab Electromagnetic Calorimeter,” Nucl. Instrum. Meth. A **368**, 640 (1996).

PUBLICATIONS AS MEMBER OF CDF COLLABORATION

- D. Acosta *et al.*, “Search For Associated Production Of Upsilon And Vector Boson In P Anti-P Collisions At $S^{**}(1/2) = 1.8\text{-TeV}$,” Phys. Rev. Lett. **90**, 221803 (2003).
- D. Acosta *et al.*, “Central pseudorapidity gaps in events with a leading antiproton at the Fermilab Tevatron anti-p p collider,” Phys. Rev. Lett. **91**, 011802 (2003) [arXiv:hep-ex/0303011].
- D. Acosta *et al.*, “Search for the supersymmetric partner of the top quark in dilepton events from p anti-p collisions at $s^{**}(1/2) = 1.8\text{-TeV}$,” Phys. Rev. Lett. **90**, 251801 (2003) [arXiv:hep-ex/0302009].
- D. Acosta *et al.*, “Cross section for forward J/ psi production in pp collisions at $s = 1.8\text{ TeV}$,” Phys. Rev. D **66**, 092001 (2002).
- D. Acosta *et al.*, “Search for long-lived charged massive particles in anti-p p collisions at $s^{**}1/2 = 1.8\text{-TeV}$,” Phys. Rev. Lett. **90**, 131801 (2003) [arXiv:hep-ex/0211064].
- D. Acosta *et al.*, “Search for a W’ boson decaying to a top and bottom quark pair in 1.8-TeV p anti-p collisions. ((B)),” Phys. Rev. Lett. **90**, 081802 (2003) [arXiv:hep-ex/0209030].
- D. Acosta *et al.*, “Search for radiative b-hadron decays in p anti-p collisions at $s^{**}(1/2) = 1.8\text{-TeV}$. ((C)),” Phys. Rev. D **66**, 112002 (2002) [arXiv:hep-ex/0208035].
- D. Acosta *et al.*, “Momentum distribution of charged particles in jets in dijet events in p anti-p collisions at $s^{**}(1/2) = 1.8\text{-TeV}$ and comparisons to perturbative QCD predictions,” Phys. Rev. D **68**, 012003 (2003).
- D. Acosta *et al.*, “Measurement of the ratio of b quark production cross sections in anti-p p collisions at $s^{**}(1/2) = 630\text{-GeV}$ and $s^{**}(1/2) = 1800\text{-GeV}$,” Phys. Rev. D **66**, 032002 (2002) [arXiv:hep-ex/0206019].
- D. Acosta *et al.*, “Branching ratio measurements of exclusive B+ decays to charmonium with the Collider Detector at Fermilab,” Phys. Rev. D **66**, 052005 (2002).
- D. Acosta *et al.*, “Limits on extra dimensions and new particle production in the exclusive photon and missing energy signature in p anti-p collisions $s^{**}(1/2) = 1.8\text{-TeV}$,” Phys. Rev. Lett. **89**, 281801 (2002) [arXiv:hep-ex/0205057].
- D. Acosta *et al.*, “Measurement of B meson lifetimes using fully reconstructed B decays produced in p anti-p collisions at $s^{**}(1/2) = 1.8\text{-TeV}$,” Phys. Rev. D **65**, 092009 (2002).
- D. Acosta *et al.*, “Search for new physics in photon lepton events in p anti-p collisions at $s^{**}(1/2) = 1.8\text{-TeV}$,” Phys. Rev. Lett. **89**, 041802 (2002) [arXiv:hep-ex/0202044].
- D. Acosta *et al.*, “Upsilon production and polarization in p anti-p collisions at $s^{**}(1/2) = 1.8\text{-TeV}$,” Phys. Rev. Lett. **88**, 161802 (2002).
- D. Acosta *et al.*, “Comparison of the isolated direct photon cross sections in p anti-p collisions at $s^{**}(1/2) = 1.8\text{-TeV}$ and $s^{**}(1/2) = 0.63\text{-TeV}$,” Phys. Rev. D **65**, 112003 (2002) [arXiv:hep-ex/0201004].
- D. Acosta *et al.*, “Soft and hard interactions in p anti-p collisions at $s^{**}(1/2) = 1800\text{-GeV}$ and 630-GeV,” Phys. Rev. D **65**, 072005 (2002).
- D. Acosta *et al.*, “Measurement of the B+ total cross section and B+ differential cross section $d\sigma/dp(T)$ in p anti-p collisions at $s^{**}(1/2) = 1.8\text{-TeV}$,” Phys. Rev. D **65**, 052005 (2002) [arXiv:hep-ph/0111359].

PUBLICATIONS (continued)

- D. Acosta *et al.*, “Search for single top quark production in p anti-p collisions at $s^{**}(1/2) = 1.8\text{-TeV}$,” Phys. Rev. D **65**, 091102 (2002) [arXiv:hep-ex/0110067].
- D. Acosta *et al.*, “Search for the decay $B/s \rightarrow \mu^+ \mu^- \Phi$ in p anti-p collisions at $s^{**}(1/2) = 1.8\text{-TeV}$,” Phys. Rev. D **65**, 111101 (2002).
- T. Affolder *et al.*, “Charged jet evolution and the underlying event in proton anti-proton collisions at 1.8-TeV,” Phys. Rev. D **65**, 092002 (2002).
- D. Acosta *et al.*, “Search for new physics in photon lepton events in proton antiproton collisions at $s^{**}(1/2) = 1.8\text{-TeV}$,” Phys. Rev. D **66**, 012004 (2002) [arXiv:hep-ex/0110015].
- T. Affolder *et al.*, “Diffractive dijet production at $s^{**}(1/2) = 630\text{-GeV}$ and 1800-GeV at the Fermilab Tevatron,” Phys. Rev. Lett. **88**, 151802 (2002) [arXiv:hep-ex/0109025].
- D. Acosta *et al.*, “Study of the heavy flavor content of jets produced in association with W bosons in p anti-p collisions at $s^{**}(1/2) = 1.8\text{-TeV}$,” Phys. Rev. D **65**, 052007 (2002) [arXiv:hep-ex/0109012].
- T. Affolder *et al.*, “Measurement of the strong coupling constant from inclusive jet production at the Tevatron anti-p p collider,” Phys. Rev. Lett. **88**, 042001 (2002) [arXiv:hep-ex/0108034].
- T. Affolder *et al.*, “A study of $B_0 \rightarrow J/\psi K^{*0} \pi^+ \pi^-$ decays with the Collider Detector at Fermilab,” Phys. Rev. Lett. **88**, 071801 (2002) [arXiv:hep-ex/0108022].
- T. Affolder *et al.*, “Search for new heavy particles in the W Z0 final state in p anti-p collisions at $s^{**}(1/2) = 1.8\text{-TeV}$,” Phys. Rev. Lett. **88**, 071806 (2002) [arXiv:hep-ex/0108004].
- T. Affolder *et al.*, “Observation of diffractive J/psi production at the Fermilab Tevatron,” Phys. Rev. Lett. **87**, 241802 (2001) [arXiv:hep-ex/0107071].
- T. Affolder *et al.*, “Double diffraction dissociation at the Fermilab Tevatron collider,” Phys. Rev. Lett. **87**, 141802 (2001) [arXiv:hep-ex/0107070].
- T. Affolder *et al.*, “Charged particle multiplicity in jets in p anti-p collisions at $s^{**}(1/2) = 1.8\text{-TeV}$,” Phys. Rev. Lett. **87**, 211804 (2001).
- T. Affolder *et al.*, “Search for quark lepton compositeness and a heavy W' boson using the e nu channel in p anti-p collisions at $s^{**}(1/2) = 1.8\text{-TeV}$,” Phys. Rev. Lett. **87**, 231803 (2001) [arXiv:hep-ex/0107008].
- T. Affolder *et al.*, “Searches for new physics in events with a photon and b-quark jet at CDF,” Phys. Rev. D **65**, 052006 (2002) [arXiv:hep-ex/0106012].
- T. Affolder *et al.*, “Search for gluinos and squarks using like-sign dileptons in p anti-p collisions at $s^{**}(1/2) = 1.8\text{-TeV}$,” Phys. Rev. Lett. **87**, 251803 (2001) [arXiv:hep-ex/0106061].
- T. Affolder *et al.*, “Measurement of $d(\sigma)/dM$ and forward-backward charge asymmetry for high mass Drell-Yan $e^+ e^-$ pairs from p anti-p collisions at 1.8-TeV,” Phys. Rev. Lett. **87**, 131802 (2001) [arXiv:hep-ex/0106047].
- T. Affolder *et al.*, “Cross section and heavy quark composition of $\gamma + \mu$ events produced in p anti-p collisions,” Phys. Rev. D **65**, 012003 (2002) [arXiv:hep-ex/0106004].
- T. Affolder *et al.*, “Search for gluinos and scalar quarks in p anti-p collisions at $s^{**}(1/2) = 1.8\text{-TeV}$ using the missing energy plus multijets Phys. Rev. Lett. **88**, 041801 (2002) [arXiv:hep-ex/0106001].
- T. Affolder *et al.*, “Double diffraction dissociation at the Fermilab Tevatron collider,” Phys. Rev. Lett. **87**, 141802 (2001).
- T. Affolder *et al.*, “Search for narrow diphoton resonances and for $\gamma \gamma + W / Z$ signatures in p anti-p collisions at $s^{**}(1/2) = 1.8\text{-TeV}$,” Phys. Rev. D **64**, 092002 (2001) [arXiv:hep-ex/0105066].
- T. Affolder *et al.*, “Measurement of the inclusive jet cross section in anti-p p collisions at $s^{**}(1/2) = 1.8\text{-TeV}$,” Phys. Rev. D **64**, 032001 (2001) [Erratum-ibid. D **65**, 039903 (2002)] [arXiv:hep-ph/0102074].

PUBLICATIONS AS MEMBER OF L3 COLLABORATION

- M. Acciarri *et al.*, “Measurement of the tau branching fractions into leptons,” Phys. Lett. B **507**, 47 (2001) [arXiv:hep-ex/0102023].
- M. Acciarri *et al.*, “Study of the $e^+ e^- \rightarrow Z \gamma \gamma \rightarrow q \text{ anti-}q \gamma \gamma$ process at LEP,” Phys. Lett. B **505**, 47 (2001) [arXiv:hep-ex/0102024].
- M. Acciarri *et al.*, “Total cross section in $\gamma \gamma$ collisions at LEP,” Phys. Lett. B **519**, 33 (2001) [arXiv:hep-ex/0102025].
- M. Acciarri *et al.*, “Measurement of the charm production cross section in $\gamma \gamma$ collisions at LEP,” Phys. Lett. B **514**, 19 (2001) [arXiv:hep-ex/0101025].

PUBLICATIONS (continued)

- M. Acciarri *et al.*, “K0(S) K0(S) final state in two-photon collisions and implications for glueballs,” Phys. Lett. B **501**, 173 (2001) [arXiv:hep-ex/0011037].
- M. Acciarri *et al.*, “Higgs candidates in e+ e- interactions at $s^{**}(1/2) = 206.6\text{-GeV}$,” Phys. Lett. B **495**, 18 (2000) [arXiv:hep-ex/0011043].
- M. Acciarri *et al.*, “Search for excited leptons in e+ e- interactions at $s^{**}(1/2) = 192\text{-GeV} - 202\text{-GeV}$,” Phys. Lett. B **502**, 37 (2001) [arXiv:hep-ex/0011068].
- M. Acciarri *et al.*, “Measurements of the cross sections for open charm and beauty production in gamma gamma collisions at $s^{**}(1/2) = 189\text{-GeV} - 202\text{-GeV}$,” Phys. Lett. B **503**, 10 (2001) [arXiv:hep-ex/0011070].
- M. Acciarri *et al.*, “Search for neutral Higgs bosons of the minimal supersymmetric standard model in e+ e- interactions at $s^{**}(1/2) = 192\text{-GeV}$ to 202-GeV ,” Phys. Lett. B **503**, 21 (2001) [arXiv:hep-ex/0012017].
- M. Acciarri *et al.*, “Search for the standard model Higgs boson in e+ e- collisions at $s^{**}(1/2)$ up to 202-GeV ,” Phys. Lett. B **508**, 225 (2001) [arXiv:hep-ex/0012019].
- M. Acciarri *et al.*, “Light resonances in K0(S) K+ pi- and eta pi+ pi- final states in gamma gamma collisions at LEP,” Phys. Lett. B **501**, 1 (2001) [arXiv:hep-ex/0011035].
- M. Acciarri *et al.*, “Search for R-parity violating decays of supersymmetric particles in e+ e- collisions at $s^{**}(1/2) = 189\text{-GeV}$,” Eur. Phys. J. C **19**, 397 (2001) [arXiv:hep-ex/0011087].
- M. Acciarri *et al.*, “Study of Z boson pair production in e+ e- interactions at $s^{**}(1/2) = 192\text{-GeV}$ to 202-GeV ,” Phys. Lett. B **497**, 23 (2001) [arXiv:hep-ex/0010004].
- M. Acciarri *et al.*, “Search for charged Higgs bosons in e+ e- collisions at centre-of-mass energies up to 202-GeV ,” Phys. Lett. B **496**, 34 (2000) [arXiv:hep-ex/0009010].
- M. Acciarri *et al.*, “Search for a Higgs boson decaying into two photons in e+ e- interactions at $s^{**}(1/2) = 189\text{-GeV}$,” Phys. Lett. B **489**, 115 (2000) [arXiv:hep-ex/0008025].
- M. Acciarri *et al.*, “Measurement of the W+ W- gamma cross section and direct limits on anomalous quartic gauge boson couplings at LEP,” Phys. Lett. B **490**, 187 (2000) [arXiv:hep-ex/0008022].
- M. Acciarri *et al.*, “Search for anomalous couplings in the Higgs sector at LEP,” Phys. Lett. B **489**, 102 (2000) [arXiv:hep-ex/0008023].
- M. Acciarri *et al.*, “Measurement of the W pair production cross section and W decay branching fractions in e+ e- interactions at $s^{**}(1/2) = 189\text{-GeV}$,” Phys. Lett. B **496**, 19 (2000) [arXiv:hep-ex/0008026].
- M. Acciarri *et al.*, “Determination of gamma / Z interference in e+ e- annihilation at LEP,” Phys. Lett. B **489**, 93 (2000) [arXiv:hep-ex/0007006].
- M. Acciarri *et al.*, “Measurement of Bose-Einstein correlations in e+ e- \rightarrow W+ W- at $s^{**}(1/2)$ approx. = 189-GeV ,” Phys. Lett. B **493**, 233 (2000) [arXiv:hep-ex/0008020].
- M. Acciarri *et al.*, “Search for manifestations of new physics in fermion pair production at LEP,” Phys. Lett. B **489**, 81 (2000) [arXiv:hep-ex/0005028].
- M. Acciarri *et al.*, “QCD studies in e+ e- annihilation from 30-GeV to 189-GeV ,” Phys. Lett. B **489**, 65 (2000) [arXiv:hep-ex/0005045].
- M. Acciarri *et al.*, “Production of single W bosons at $s^{**}(1/2) = 189\text{-GeV}$ and measurement of W W gamma gauge couplings,” Phys. Lett. B **487**, 229 (2000) [arXiv:hep-ex/0007005].
- M. Acciarri *et al.*, “Measurements of the b anti-b production cross section and forward-backward asymmetry at centre-of-mass energies above the Z pole at LEP,” Phys. Lett. B **485**, 71 (2000) [arXiv:hep-ex/0005023].
- M. Acciarri *et al.*, “Search for anomalous Z Z gamma and Z gamma gamma couplings in the process e+ e- \rightarrow Z gamma at LEP,” Phys. Lett. B **489**, 55 (2000) [arXiv:hep-ex/0005024].
- M. Acciarri *et al.*, “Measurement of the lifetime of the tau lepton,” Phys. Lett. B **479**, 67 (2000) [arXiv:hep-ex/0003023].
- M. Acciarri *et al.*, “Search for an invisibly decaying Higgs boson in e+ e- collisions at $s^{**}(1/2) = 183\text{-GeV}$ to 189-GeV ,” Phys. Lett. B **485**, 85 (2000) [arXiv:hep-ex/0004006].
- M. Acciarri *et al.*, “Measurements of cross sections and forward-backward asymmetries at the Z resonance and determination of electroweak parameters,” Eur. Phys. J. C **16**, 1 (2000) [arXiv:hep-ex/0002046].
- M. Acciarri *et al.*, “Inclusive Sigma+ and Sigma0 production in hadronic Z decays,” Phys. Lett. B **479**, 79 (2000) [arXiv:hep-ex/0002066].
- M. Acciarri *et al.*, “Measurement of the photon structure function at high Q^{**2} at LEP,” Phys. Lett. B **483**, 373 (2000) [arXiv:hep-ex/0004005].

PUBLICATIONS (continued)

- M. Acciarri *et al.*, “Measurement of the running of the fine-structure constant,” Phys. Lett. B **476**, 40 (2000) [arXiv:hep-ex/0002035].
- M. Acciarri *et al.*, “Measurement of the $e^+ e^- \rightarrow Z \gamma \gamma$ cross section and determination of quartic gauge boson couplings at LEP,” Phys. Lett. B **478**, 39 (2000) [arXiv:hep-ex/0002037].
- M. Acciarri *et al.*, “Search for charginos with a small mass difference with the lightest supersymmetric particle at $s^{**}(1/2) = 189\text{-GeV}$,” Phys. Lett. B **482**, 31 (2000) [arXiv:hep-ex/0002043].
- M. Acciarri *et al.*, “Measurement of hadron and lepton-pair production at $130\text{-GeV} < s^{**}(1/2) < 189\text{-GeV}$ at LEP,” Phys. Lett. B **479**, 101 (2000) [arXiv:hep-ex/0002034].
- M. Acciarri *et al.*, “Hard-photon production and tests of QED at LEP,” Phys. Lett. B **475**, 198 (2000) [arXiv:hep-ex/0002036].
- M. Acciarri *et al.*, “Measurement of the probability of gluon splitting into charmed quarks in hadronic Z decays,” Phys. Lett. B **476**, 243 (2000) [arXiv:hep-ex/9911016].
- M. Acciarri *et al.*, “Direct observation of longitudinally polarized W^{\pm} bosons,” Phys. Lett. B **474**, 194 (2000) [arXiv:hep-ex/0001016].
- M. Acciarri *et al.*, “Search for excited leptons at $s^{**}(1/2) = 189\text{-GeV}$,” Phys. Lett. B **473**, 177 (2000) [arXiv:hep-ex/9910021].
- M. Acciarri *et al.*, “Search for neutral Higgs bosons of the minimal supersymmetric standard model in $e^+ e^-$ interactions at $s^{**}(1/2) = 189\text{-GeV}$,” Phys. Lett. B **471**, 321 (1999) [arXiv:hep-ex/9910053].
- M. Acciarri *et al.*, “Search for extra dimensions in boson and fermion pair production in $e^+ e^-$ interactions at LEP,” Phys. Lett. B **470**, 281 (1999) [arXiv:hep-ex/9910056].
- M. Acciarri *et al.*, “Search for scalar leptons in $e^+ e^-$ collisions at $s^{**}(1/2) = 189\text{-GeV}$,” Phys. Lett. B **471**, 280 (1999) [arXiv:hep-ex/9910006].
- M. Acciarri *et al.*, “Search for charginos and neutralinos in $e^+ e^-$ collisions at $s^{**}(1/2) = 189\text{-GeV}$,” Phys. Lett. B **472**, 420 (2000) [arXiv:hep-ex/9910007].
- M. Acciarri *et al.*, “Measurement of triple-gauge-boson couplings of the W boson at LEP,” Phys. Lett. B **467**, 171 (1999) [arXiv:hep-ex/9910008].
- M. Acciarri *et al.*, “Single and multi-photon events with missing energy in $e^+ e^-$ collisions at $s^{**}(1/2) = 189\text{-GeV}$,” Phys. Lett. B **470**, 268 (1999) [arXiv:hep-ex/9910009].
- M. Acciarri *et al.*, “Searches for scalar quarks in $e^+ e^-$ interactions at $s^{**}(1/2) = 189\text{-GeV}$,” Phys. Lett. B **471**, 308 (1999) [arXiv:hep-ex/9910020].
- M. Acciarri *et al.*, “Measurement of the spectroscopy of orbitally excited B mesons at LEP,” Phys. Lett. B **465**, 323 (1999) [arXiv:hep-ex/9909018].
- M. Acciarri *et al.*, “Search for low scale gravity effects in $e^+ e^-$ collisions at LEP,” Phys. Lett. B **464**, 135 (1999) [arXiv:hep-ex/9909019].
- M. Acciarri *et al.*, “Measurement of $R(b)$ and $Br(b \rightarrow l \nu X)$ at LEP using double-tag methods,” Eur. Phys. J. C **13**, 47 (2000) [arXiv:hep-ex/9909045].
- M. Acciarri *et al.*, “Search for charged Higgs bosons in $e^+ e^-$ collisions at $s^{**}(1/2) = 189\text{-GeV}$,” Phys. Lett. B **466**, 71 (1999) [arXiv:hep-ex/9909044].
- M. Acciarri *et al.*, “Study of Z boson pair production in $e^+ e^-$ collisions at LEP at $s^{**}(1/2) = 189\text{-GeV}$,” Phys. Lett. B **465**, 363 (1999) [arXiv:hep-ex/9909043].
- M. Acciarri *et al.*, “Measurement of inclusive D^{*+} production in two-photon collisions at LEP,” Phys. Lett. B **467**, 137 (1999) [arXiv:hep-ex/9909005].
- M. Acciarri *et al.*, “Search for heavy neutral and charged leptons in $e^+ e^-$ annihilation at $s^{**}(1/2) = 183\text{-GeV}$ and 189-GeV ,” Phys. Lett. B **462**, 354 (1999) [arXiv:hep-ex/9909007].
- M. Acciarri *et al.*, “Search for standard model Higgs boson in $e^+ e^-$ interactions at $s^{**}(1/2) = 189\text{-GeV}$,” Phys. Lett. B **461**, 376 (1999) [arXiv:hep-ex/9909004].
- M. Acciarri *et al.*, “Search for heavy isosinglet neutrinos in $e^+ e^-$ annihilation at $130\text{-GeV} < s^{**}(1/2) < 189\text{-GeV}$,” Phys. Lett. B **461**, 397 (1999) [arXiv:hep-ex/9909006].
- M. Acciarri *et al.*, “Formation of the η/c in two-photon collisions at LEP,” Phys. Lett. B **461**, 155 (1999) [arXiv:hep-ex/9909008].
- M. Acciarri *et al.*, “Measurement of an elongation of the pion source in Z decays,” Phys. Lett. B **458**, 517 (1999) [arXiv:hep-ex/9909009].

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- M. Acciarri *et al.*, “Measurement of mass and width of the W boson at LEP,” Phys. Lett. B **454**, 386 (1999) [arXiv:hep-ex/9909010].
- M. Acciarri *et al.*, “Search for scalar leptons in $e^+ e^-$ collisions at $s^{**}(1/2) = 183\text{-GeV}$,” Phys. Lett. B **456**, 283 (1999).
- M. Acciarri *et al.*, “Search for R-parity violating chargino and neutralino decays in $e^+ e^-$ collisions up to $s^{**}(1/2) = 183\text{-GeV}$,” Phys. Lett. B **459**, 354 (1999).
- M. Acciarri *et al.*, “Study of neutral-current four-fermion and Z Z production in $e^+ e^-$ collisions at $s^{**}(1/2) = 183\text{-GeV}$,” Phys. Lett. B **450**, 281 (1999).
- M. Acciarri *et al.*, “Measurement of the cross-section for the process $\gamma^* \gamma^* \rightarrow \text{hadrons}$ at LEP,” Phys. Lett. B **453**, 333 (1999).
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