

## COMPLETE PUBLICATION LIST

- **FIRST MEASUREMENTS OF INCLUSIVE W AND Z CROSS SECTIONS FROM RUN II OF THE TEVATRON COLLIDER.**  
By CDF II Collaboration (D. Acosta *et al.*). Jun 2004. 8pp.  
Submitted to Phys.Rev.Lett.
- **SEARCH FOR DOUBLY-CHARGED HIGGS BOSONS DECAYING TO DILEPTONS IN P ANTI-P COLLISIONS AT  $S^{**}(1/2) = 1.96$ -TEV.**  
By CDF Collaboration (D. Acosta *et al.*). FERMILAB-PUB-04-112-E, Jun 2004.  
15pp.  
Submitted to Phys.Rev.Lett
- **INCLUSIVE SEARCH FOR ANOMALOUS PRODUCTION OF HIGH-P(T) LIKE-SIGN LEPTON PAIRS IN P ANTI-P COLLISIONS AT  $S^{**}(1/2) = 1.8$ -TEV.**  
By CDF Collaboration (D. Acosta *et al.*). FERMILAB-PUB-04-017-E, May 2004.  
15pp.  
Submitted to Phys.Rev.Lett.
- **MEASUREMENT OF THE T ANTI-T PRODUCTION CROSS SECTION IN P ANTI-P COLLISIONS AT  $S^{**}(1/2) = 1.96$ -TEV USING DILEPTON EVENTS.**  
By CDF Collaboration (D. Acosta *et al.*). FERMILAB-PUB-04-051-E, Apr 2004.  
18pp.  
Submitted to Phys.Rev.Lett.
- **DIRECT PHOTON CROSS SECTION WITH CONVERSIONS AT CDF.**  
By CDF Collaboration (D. Acosta *et al.*). FERMILAB-PUB-04-044E, Apr 2004.  
11pp.  
Submitted to Phys.Rev.D
- **THE UNDERLYING EVENT IN HARD INTERACTIONS AT THE TEVATRON ANTI-P P COLLIDER.**  
By CDF Collaboration (D. Acosta *et al.*). FERMILAB-PUB-04-041-E, Apr 2004.  
22pp.  
Submitted to Phys.Rev.D
- **OPTIMIZED SEARCH FOR SINGLE TOP QUARK PRODUCTION AT THE FERMILAB TEVATRON.**  
By CDF Collaboration (D. Acosta *et al.*). Mar 2004. 9pp.  
Published in **Phys.Rev.D69:052003,2004**
- **SEARCH FOR  $B_0(S) \rightarrow \mu^+ \mu^-$  AND  $B_0(D) \rightarrow \mu^+ \mu^-$  DECAYS IN P ANTI-P COLLISIONS AT  $S^{**}(1/2) = 1.96$ -TEV.**  
By CDF Collaboration (D. Acosta *et al.*). FERMILAB-PUB-036-E, Mar 2004.  
15pp.  
Submitted to Phys.Rev.Lett.
- **OBSERVATION OF THE NARROW STATE X(3872)  $\rightarrow J/\psi \pi^+ \pi^-$  IN ANTI-P P COLLISIONS AT  $S^{**}(1/2) = 1.96$ -TEV.**  
By CDF II Collaboration (D. Acosta *et al.*). FERMILAB-PUB-03-393-E, Dec 2003. 6pp.  
Submitted to Phys.Rev.Lett.

- **HEAVY FLAVOR PROPERTIES OF JETS PRODUCED IN P ANTI-P INTERACTIONS AT  $S^{**}(1/2) = 1.8\text{-TEV}$ .**  
 By CDF Collaboration (D. Acosta *et al.*). FERMILAB-PUB-03-382-E, Nov 2003. 65pp.  
 Published in **Phys.Rev.D69:072004,2004**
- **MEASUREMENT OF THE POLAR ANGLE DISTRIBUTION OF LEPTONS FROM W BOSON DECAY AS A FUNCTION OF THE W TRANSVERSE MOMENTUM IN PROTON ANTI-PROTON COLLISIONS AT  $S^{**}(1/2) = 1.8\text{-TEV}$ .**  
 By CDF Collaboration (D. Acosta *et al.*). FERMILAB-PUB-03-381-E, Nov 2003. 43pp.  
 Submitted to Phys.Rev.D
- **INCLUSIVE DOUBLE POMERON EXCHANGE AT THE FERMILAB TEVATRON ANTI-P P COLLIDER.**  
 By CDF Collaboration (D. Acosta *et al.*). FERMILAB-PUB-03-043-E, Nov 2003. 7pp.  
 Submitted to Phys.Rev.Lett.
- **SEARCH FOR TOP AND BOTTOM SQUARKS.**  
 By Carsten Rott (Purdue U.). FERMILAB-CONF-03-312-E, Oct 2003. 3pp.  
 Presented at International Europhysics Conference on High-Energy Physics (HEP 2003), Aachen, Germany, 17-23 Jul 2003.
- **MEASUREMENT OF THE AVERAGE TIME INTEGRATED MIXING PROBABILITY OF B FLAVORED HADRONS PRODUCED AT THE TEVATRON.**  
 By CDF Collaboration (D. Acosta *et al.*). FERMILAB-PUB-03-257-E, Sep 2003. 47pp.  
 Published in **Phys.Rev.D69:012002,2004**
- **SEARCH FOR THE FLAVOR CHANGING NEUTRAL CURRENT DECAY  $D^0 \rightarrow \mu^+ \mu^-$  IN P ANTI-P COLLISIONS AT  $S^{**}(1/2) = 1.96\text{-TEV}$ .**  
 By CDF Collaboration (D. Acosta *et al.*). FERMILAB-PUB-03-240-E, Aug 2003. 14pp.  
 Published in **Phys.Rev.D68:091101,2003**
- **MEASUREMENT OF THE MASS DIFFERENCE  $M(D^+_S) - M(D^+)$  AT CDF II.**  
 By CDF II Collaboration (D. Acosta *et al.*). FERMILAB-PUB-03-048-E, Oct 2003. 11pp.  
 Published in **Phys.Rev.D68:072004,2003**
- **MEASUREMENT OF PROMPT CHARM MESON PRODUCTION CROSS-SECTIONS IN P ANTI-P COLLISIONS AT  $S^{**}(1/2) = 1.96\text{-TEV}$ .**  
 By CDF Collaboration (D. Acosta *et al.*). FERMILAB-PUB-03-217-E, Jul 2003. 13pp.  
 Published in **Phys.Rev.Lett.91:241804,2003**
- **SEARCH FOR ASSOCIATED PRODUCTION OF UPSILON AND VECTOR BOSON IN P ANTI-P COLLISIONS AT  $S^{**}(1/2) = 1.8\text{-TEV}$ .**

- By CDF Collaboration (D. Acosta *et al.*). FERMILAB-PUB-02-351-E, 2003. 7pp.  
Published in **Phys.Rev.Lett.90:221803,2003**
- **SEARCH FOR PAIR PRODUCTION OF SCALAR TOP QUARKS IN R PARITY VIOLATING DECAY MODES IN P ANTI-P COLLISIONS AT  $S^{**}(1/2) = 1.8\text{-TEV}$ .**  
By CDF Collaboration (D. Acosta *et al.*). FERMILAB-PUB-03-070-E, May 2003. 17pp.  
Published in **Phys.Rev.Lett.92:051803,2004**
  - **IRRADIATION STUDIES OF SILICON PIXEL DETECTORS FOR CMS.**  
By G. Bolla, D. Bortoletto, K. Giolo, R. Horisberger, T. Rohe, C. Rott, A. Roy (Purdue U., Chem. Dept. & PSI, Villigen). 2003.  
Prepared for 10th International Workshop on Vertex Detectors (Vertex 2001), Brunnen, Switzerland, 23-28 Sep 2001.  
Published in **Nucl.Instrum.Meth.A501:160-163,2003**
  - **CENTRAL PSEUDORAPIDITY GAPS IN EVENTS WITH A LEADING ANTI-PROTON AT THE FERMILAB TEVATRON P ANTI-P COLLIDER.**  
By CDF Collaboration and CDFII Collaboration (D. Acosta *et al.*). FERMILAB-PUB-03-049-E, Mar 2003. 7pp.  
Published in **Phys.Rev.Lett.91:011802,2003**
  - **SEARCH FOR THE SUPERSYMMETRIC PARTNER OF THE TOP QUARK IN DILEPTON EVENTS FROM P PBAR COLLISIONS AT  $S^{**}(1/2) = 1.8\text{-TEV}$ .**  
By CDF Collaboration (D. Acosta *et al.*). FERMILAB-PUB-03-015-E, Feb 2003. 7pp.  
Published in **Phys.Rev.Lett.90:251801,2003**
  - **CROSS-SECTION FOR FORWARD J / PSI PRODUCTION IN P ANTI-P COLLISIONS AT  $S = 1.8\text{-TEV}$ .**  
By CDF Collaboration (D. Acosta *et al.*). FERMILAB-PUB-02-188-E, Nov 2002. 11pp.  
Published in **Phys.Rev.D66:092001,2002**
  - **SEARCH FOR LONG LIVED CHARGED MASSIVE PARTICLES IN ANTI-P P COLLISIONS AT  $S^{**}1/2 = 1.8\text{-TEV}$ .**  
By CDF Collaboration (D. Acosta *et al.*). FERMILAB-PUB-02-318-E, UCSB-HEP-2002-001, Nov 2002. 14pp.  
Published in **Phys.Rev.Lett.90:131801,2003**
  - **SEARCH FOR A W-PRIME BOSON DECAYING TO A TOP AND BOTTOM QUARK PAIR IN 1.8-TEV P ANTI-P COLLISIONS.**  
By CDF Collaboration (D. Acosta *et al.*). FERMILAB-PUB-02-247-E, CDF-PUB-EXOTIC-PUBLIC-5927, Sep 2002. 20pp.  
Published in **Phys.Rev.Lett.90:081802,2003**
  - **BEAM TEST RESULTS OF THE US - CMS FORWARD PIXEL DETECTOR.**  
By M. Atac, Y. Kozhevnikov (Fermilab), E. Bartz, J. Doroshenko, T. Koeth, L. Perera, S. Schnetzer, R. Stone (Rutgers U., Piscataway), G. Bolla, D. Bortoletto, K. Giolo, C. Rott, A. Roy (Purdue U.), C.Y. Chien, M. Swartz, X. Xie (Johns Hopkins U.), L. Cremaldi, D. Sanders (Mississippi U.), B. Gobbi, S. Malik, R.

Tilden (Northwestern U.), P. Gomez, G. Grim, R. Lander, D. Pellett (UC, Davis), M. Pernicka, H. Steiner (Vienna, OAW). FERMILAB-PUB-02-187, Aug 2002. 11pp.

Published in **Nucl.Instrum.Meth.A488:271-281,2002**

- **SEARCH FOR RADIATIVE B HADRON DECAYS IN PROTON ANTI-PROTON COLLISIONS AT  $S^{**}(1/2) = 1.8\text{-TEV}$ .**  
By CDF Collaboration (D. Acosta *et al.*). Aug 2002. 57pp.  
Published in **Phys.Rev.D66:112002,2002**
- **SEARCH FOR RADIATIVE B-HADRON DECAYS IN P ANTI-P COLLISIONS AT  $S^{**}(1/2) = 1.8\text{-TEV}$ .**  
By CDF Collaboration (D. Acosta *et al.*). FERMILAB-PUB-02-146-E, Jul 2002. 57pp.  
Submitted to Phys. Rev. D
- **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.**  
By CDF Collaboration (D. Acosta *et al.*). FERMILAB-PUB-02-096-E, Jun 2002. 20pp.  
Published in **Phys.Rev.D68:012003,2003**
- **MEASUREMENT OF THE RATIO OF B QUARK PRODUCTION CROSS-SECTIONS IN ANTI-P P COLLISIONS AT  $S^{**}(1/2) = 630\text{-GEV}$  AND  $S^{**}(1/2) = 1800\text{-GEV}$ .**  
By CDF Collaboration (D. Acosta *et al.*). FERMILAB-PUB-02-116-E, Jun 2002. 8pp.  
Published in **Phys.Rev.D66:032002,2002**
- **BRANCHING RATIO MEASUREMENTS OF EXCLUSIVE B+ DECAYS TO CHARMONIUM WITH THE COLLIDER DETECTOR AT FERMILAB.**  
By CDF Collaboration (D. Acosta *et al.*). FERMILAB-PUB-02-097-E, Jun 2002. 15pp.  
Published in **Phys.Rev.D66:052005,2002**
- **LIMITS ON EXTRA DIMENSIONS AND NEW PARTICLE PRODUCTION IN THE EXCLUSIVE PHOTON AND MISSING ENERGY SIGNATURE IN P ANTI-P COLLISIONS AT  $S^{**}(1/2) = 1.8\text{-TEV}$ .**  
By CDF Collaboration (D. Acosta *et al.*). FERMILAB-PUB-02-119-E, CDF-PUB-EXOTIC-CDFR-5765, EFI-01-53, May 2002. 7pp.  
Published in **Phys.Rev.Lett.89:281801,2002**
- **MEASUREMENT OF B MESON LIFETIMES USING FULLY RECONSTRUCTED B DECAYS PRODUCED IN P ANTI-P COLLISIONS AT  $S^{**}(1/2) = 1.8\text{-TEV}$ .**  
By CDF Collaboration (D. Acosta *et al.*). FERMILAB-PUB-02-052-E, Mar 2002. 12pp.  
Published in **Phys.Rev.D65:092009,2002**
- **SEARCH FOR NEW PHYSICS IN PHOTON LEPTON EVENTS IN P ANTI-P COLLISIONS AT  $S^{**}(1/2) = 1.8\text{-TEV}$ .**  
By CDF Collaboration (D. Acosta *et al.*). FERMILAB-PUB-02-031-E, EFI-02-66,

- Feb 2002. 7pp.  
Published in **Phys.Rev.Lett.89:041802,2002**
- **UPSILON PRODUCTION AND POLARIZATION IN P ANTI-P COLLISIONS AT  $S^{**}(1/2) = 1.8\text{-TEV}$ .**  
By CDF Collaboration (D. Acosta *et al.*). FERMILAB-PUB-01-355-E, Nov 2001. 21pp.  
Published in **Phys.Rev.Lett.88:161802,2002**
  - **COMPARISON OF THE ISOLATED DIRECT PHOTON CROSS-SECTIONS IN P ANTI-P COLLISIONS AT  $S^{**}(1/2) = 1.8\text{-TEV}$  AND  $S^{**}(1/2) = 0.63\text{-TEV}$ .**  
By CDF Collaboration (D. Acosta *et al.*). FERMILAB-PUB-01-390-E, CDF-ANAL-JET-CDFR-5636, Jan 2002. 26pp.  
Published in **Phys.Rev.D65:112003,2002**
  - **SOFT AND HARD INTERACTIONS IN P ANTI-P COLLISIONS AT  $S^{**}(1/2) = 1800\text{-GEV}$  AND  $630\text{-GEV}$ .**  
By CDF Collaboration (D. Acosta *et al.*). FERMILAB-PUB-01-345-E, Oct 2001. 27pp.  
Published in **Phys.Rev.D65:072005,2002**
  - **MEASUREMENT OF THE B+ TOTAL CROSS-SECTION AND B+ DIFFERENTIAL CROSS-SECTION  $D \text{ SIGMA} / DP(T)$  IN P ANTI-P COLLISIONS AT  $S^{**}(1/2) = 1.8\text{-TEV}$ .**  
By CDF Collaboration (D. Acosta *et al.*). FERMILAB-PUB-01-347-E, Nov 2001. 27pp.  
Published in **Phys.Rev.D65:052005,2002**
  - **SEARCH FOR SINGLE TOP QUARK PRODUCTION IN P ANTI-P COLLISIONS AT  $S^{**}(1/2) = 1.8\text{-TEV}$ .**  
By CDF Collaboration (D. Acosta *et al.*). CDF-PUB-TOP-PUBLIC-5595, FERMILAB-PUB-01-318-E, Oct 2001. 6pp.  
Published in **Phys.Rev.D65:091102,2002**
  - **SEARCH FOR THE DECAY  $B/S \rightarrow \mu^+ \mu^- \phi$  IN P ANTI-P COLLISIONS AT  $S^{**}(1/2) = 1.8\text{-TEV}$ .**  
By CDF Collaboration (D. Acosta *et al.*). FERMILAB-PUB-01-293-E, Oct 2001. 9pp.  
Published in **Phys.Rev.D65:111101,2002**
  - **CHARGED JET EVOLUTION AND THE UNDERLYING EVENT IN PROTON-ANTIPROTON COLLISIONS AT 1.8 TEV.**  
By CDF Collaboration (T. Affolder *et al.*). FERMILAB-PUB-01-211-E, Aug 2001. 31pp.  
Published in **Phys.Rev.D65:092002,2002**
  - **SEARCH FOR NEW PHYSICS IN PHOTON LEPTON EVENTS IN P ANTI-P COLLISIONS AT  $S^{**}(1/2) = 1.8\text{-TEV}$ .**  
By CDF Collaboration (D. Acosta *et al.*). FERMILAB-PUB-01-298-E, EFI-2001-45, Oct 2001. 76pp.  
Published in **Phys.Rev.D66:012004,2002**
  - **DIFFRACTIVE DIJET PRODUCTION AT  $S^{**}(1/2) = 630\text{-GEV}$  AND  $1800\text{-GEV}$  AT THE FERMILAB TEVATRON.**

- By CDF Collaboration (T. Affolder *et al.*). FERMILAB-PUB-01-299-E, Sep 2001. 9pp.  
Published in **Phys.Rev.Lett.88:151802,2002**
- **STUDY OF THE HEAVY FLAVOR CONTENT OF JETS PRODUCED IN ASSOCIATION WITH W BOSONS IN P ANTI-P COLLISIONS AT  $S^{**}(1/2) = 1.8$ -TEV.**  
By CDF Collaboration (D. Acosta *et al.*). FERMILAB-PUB-01-253-E, Sep 2001. 77pp.  
Published in **Phys.Rev.D65:052007,2002**
  - **MEASUREMENT OF THE STRONG COUPLING CONSTANT FROM INCLUSIVE JET PRODUCTION AT THE TEVATRON ANTI-P P COLLIDER.**  
By CDF Collaboration (T. Affolder *et al.*). FERMILAB-PUB-01-246-E, Aug 2001. 15pp.  
Published in **Phys.Rev.Lett.88:042001,2002**
  - **A STUDY OF  $B^0 \rightarrow J/\psi K^{*0} \pi^+ \pi^-$  DECAYS WITH THE COLLIDER DETECTOR AT FERMILAB.**  
By CDF Collaboration (T. Affolder *et al.*). FERMILAB-PUB-01-232-E, Aug 2001. 6pp.  
Published in **Phys.Rev.Lett.88:071801,2002**
  - **DIAMOND PIXEL DETECTORS.**  
By W. Adam, E. Berdermann, P. Bergonzo, G. Bertuccio, F. Bogani, E. Borchini, A. Brambilla, M. Bruzzi, C. Colledani, J. Conway, P. D'Angelo, W. Dabrowski, P. Delpierre, A. Deneuve, J. Doroshenko, W. Dulinski, B. van Eijk, A. Fallou, F. Fizzotti, J. Foster, F. Foulon, M. Friedl, K.K. Gan, E. Gheeraert, B. Gobbi, G.P. Grim, G. Hallewell, S. Han, F. Hartjes, J. Hrubec, D. Husson, H. Kagan, D. Kania, J. Kaplon, R. Kass, T. Koeth, M. Krammer, R. Lander, A. Logiudice, R. Lu, L. MacLynne, C. Manfredotti, D. Meier, M. Mishina, L. Moroni, A. Oh, L.S. Pan, M. Pernicka, L. Perera, S. Pirollo, R. Plano, M. Procaro, J.L. Riester, S. Roe, C. Rott, L. Rousseau, A. Rudge, J. Russ, S. Sala, M. Sampietro, S. Schnetzer, S. Sciortino, H. Stelzer, R. Stone, B. Suter, R.J. Tapper, R. Tesarek, W. Trischuk, D. Tromson, E. Vittone, R. Wedenig, P. Weilhammer, Christopher G. White, W. Zeuner, M. Zoeller (Vienna, OAW & Darmstadt, GSI & Paris, CEA & Milan Polytechnic & Florence U., LENS & Florence U. & Louis Pasteur U., Strasbourg I & Rutgers U., Piscataway & INFN, Milan & Cracow, Inst. Phys. Nucl. Tech. & Marseille, CPPM & Grenoble, LEPES & NIKHEF, Amsterdam & Turin U. & Ohio State U. & Northwestern U. & UC, Davis & CERN & Fermilab & Hamburg U. & Carnegie Mellon U. & Purdue U. & Bristol U.). 2000.  
Prepared for International Workshop on Semiconductor Pixel Detectors for Particles and X-Rays (PIXEL 2000), Genova, Italy, 5-8 Jun 2000.  
Published in **Nucl.Instrum.Meth.A465:88-91,2000**
  - **SEARCH FOR NEW HEAVY PARTICLES IN THE W Z0 FINAL STATE IN P ANTI-P COLLISIONS AT  $S^{**}(1/2) = 1.8$ -TEV.**  
By CDF Collaboration (T. Affolder *et al.*). FERMILAB-PUB-01-219-E, Aug 2001. 7pp.  
Published in **Phys.Rev.Lett.88:071806,2002**

- **SEARCH FOR QUARK LEPTON COMPOSITENESS AND A HEAVY W-PRIME BOSON USING THE ELECTRON NEUTRINO CHANNEL IN P ANTI-P COLLISIONS AT  $S^{1/2} = 1.8$ -TEV.**  
By CDF Collaboration (T. Affolder *et al.*). FERMILAB-PUB-01-222-E, Jul 2001.  
11pp.  
Published in **Phys.Rev.Lett.87:231803,2001**
- **DESIGN AND TEST OF PIXEL SENSORS FOR THE CMS EXPERIMENT.**  
By G. Bolla, D. Bortoletto, C. Rott, A. Roy, S. Kwan, C.Y. Chien, H. Cho, B. Gobbi, R. Horisberger, R. Kaufmann (Purdue U. & Fermilab & Northwestern U. & Johns Hopkins U. & PSI, Villigen & Zurich U.). 2001.  
Prepared for 8th Pisa Meeting on **Advanced** Detector: Frontier Detectors for Frontier Physics, La Biodola, Isola d'Elba, Italy, 21-25 May 2000.  
Published in **Nucl.Instrum.Meth.A461:182-184,2001**

## NOTES

- "Search for Sbottom Quarks from Gluino Decays", CDF Note 7136
- "Uncertainties due to the PDFs for the gluino-sbottom search", CDF Note 7051
- "Update on Run-II Searches for Scalar Bottom Quarks from Gluino Decays", CDF Note 7025
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- "SecVtx Optimization for the 2003 Winter Conferences", CDF Note 6242
- "Generator Level Study of Heavy Flavor Jets", CDF Note 6007
- "Radiation Effects in CDF Power Supplies", CDF Note 5903
- "Beam Test Results of the US-CMS Forward Pixel Detector", CMS IN-2001/049 - TRACKING
- "Sensitivity Studies with the 8T. Super FoFo", FNAL MUC-NOTE--0040