Curriculum Vitae

GREG L. LANDSBERG

Date of Birth: April 5, 1967 *Birthplace:* Moscow, Russia

WORK ADDRESS:

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EDUCATION

State University of New York at Stony Brook
Ph.D. in Physics, 1994

Moscow Physical-Tecnical Institute
B.S. in Physics, 1989

PROFESSIONAL EXPERIENCE

Assistant Professor of Physics
Brown University — 1998–present

Convener of the Run II Workshop on Strong Dynamics"
Fermilab — October 1998–present

Convener of the Run II SUSY/Higgs Workshop"
Fermilab — April 1998–November 1998

Convener of the DØ New Phenomena Group
DØ Experiment — 1997–present

Research Assosiate
Fermi National Accelerator Laboratory — 1995–1998

Research Assistant
State University of New York at Stony Brook — 1992–1995

Junior Research Assosiate
Institute for High Energy Physics, Russia — 1989–1992

INVITED AND PLENARY TALKS

"Hunt for new Physics at DØ: from Run I to Run II," invited talk at the DESY HEP Seminar, September 1999; University of Mainz HEP Seminar, September 1999; University of Heidelberg HEP Seminar, September 1999.

"Hunting for SUSY in Run II at DØ," invited plenary talk at the international conference SUSY'99, Fermilab, June 1999.

"Beyond the MSSM Working Group Summary," plenary talk at the Run II SUSY/Higgs Workshop, Fermilab, November 1998.

"Search for Exotics at DØ", invited talk at the University of Manchester HEP Seminar, July 1998; University of Liverpool HEP Seminar, July 1998; Rutherford Appleton Laboratory HEP Seminar, July 1998; UCL HEP Seminar, London, July 1998; LPNHE HEP Seminar, Paris, July 1998; University of Cambridge HEP Seminar, July 1998; University of Chicago HEP Seminar, October 1998.

"Search for Leptoquarks and Dirac Monopoles at DØ", invited talk at the Brown University HEP Seminar, March 1998; SLAC HEP Seminar, April 1998; University of California at Berkeley HEP Seminar, April 1998.

"Search for Leptoquarks at DØ", invited talk at the University of Rochester HEP Seminar, December 1997.

"Precision Electroweak Measurements with the D0 Detector at the Fermilab Tevatron,", 1997 Sambamurti Memorial Lecture, Brookhaven National Laboratory, July 1997.

"Search for Leptoquarks at DØ", invited talk at CERN PPE Seminar, CERN, July 1997; INFN at Rome HEP Seminar, Rome, July 1997; INFN at Frascati HEP Seminar, Frascati, July 1997.

"Search for Leptoquarks at DØ", invited talk at Fermilab Wine and Cheese Seminar, June 1997.

"Precision Tests of the Standard Model of Electroweak Interactions," Academic Lecture series, Fermilab, April 1997.

"Precision Electroweak Measurements with the D0 Detector at the Fermilab Tevatron," University of California at Berkeley Physics Department Colloquium, February 1997.

"Measurement of Trilinear Vector Boson Couplings at DØ," Michigan State University HEP seminar, October 1996.

"$Z(\nu\nu)\gamma$ *Production and Other Recent Diboson Results from DØ,"* invited talk at Fermilab Wine & Cheese seminar, September 1996.

"DØ: Limits on the anomalous couplings between heavy gauge bosons and photons," presented at the New York University HEP Seminar, June 1994; Indiana

University HEP Seminar, November 1994; University of Illinois at Urbana-Champaign HEP Seminar, January 1995.

"Recent GAMS Results on Meson Spectroscopy," presented at the International Conference on Meson–Nucleus interactions, Cracow, Poland, May 1993.

"GAMS Results on the $\omega\pi^0$ and $\omega\eta$ Systems," presented at the International Conference on Hadron Spectroscopy, HADRON '91, College Park, MD, August 1991.

"Computer Viruses and the Ways of Combatting Them," presented at the Moscow theoretical physics seminar, Moscow, Russia, January 1991.

CONTRIBUTED TALKS

"Search for Exotics at the Tevatron," presented at the International Conference EPS'99, Tampere, July 1999.

"$t\bar{t} + X$ Production as Probe for New Physics," presented at the Top Thinkshop, Fermilab, April 1999.

"$p\bar{p} \to \rho_T, \omega_T \to \ell\nu + b\bar{b}/c\bar{b}$ and Other Stuff," presented at the Strong Dynamics Workshop, Fermilab, April 1999.

"Search for Leptoquarks at DØ," presented at the Aspen Workshop on Strong Dynamics, Aspen, CO, July-August 1998.

"Search for R-parity Violating SUSY at the Fermilab Tevatron," presented at the International Conference SUSY'98, Oxford, England, July 1998.

"Trilinear Gauge Couplings at the Fermilab Tevatron," presented at the International Symposium on Weak Interactions and Neutrino, Capri, Italy, June 1997.

"Measurement of the $Z\gamma$ Production in DØ," presented at the Meeting of the Division of Particle and Fields, DPF 96, MInneapolis, August 1996.

"Search for Anomalous $ZZ\gamma$ and $Z\gamma\gamma$ Couplings with DØ," presented at the International Symposium on Vector Boson Interactions, Los Angeles, CA, February 1995.

"Measurement of the $Z\gamma$ couplings with the DØ detector," presented at the APS meeting, Crystal City, VA, April 1994.

"Partial-Wave Analysis of the $\omega\pi^0$-system at High Masses," presented at the International Conference on Hadron Spectroscopy, HADRON '93, Como, Italy, June 1993.

"D0 Opportunities in Measuring the $VV\gamma$ Couplings," presented at Madison-Argonne SSC Symposium, Madison, WI, April 1993.

"Survey of GAMS 0^{++} and 2^{++} States," presented at the International Conference on Hadron Spectroscopy, HADRON '91, College Park, MD, August 1991.

"GAMS Results on the $\omega\pi^0$ System," presented at the International Conference on Nucleon-Antinucleon Interactions, NAN-91, ITEP, Moscow, Russia, June 1991.

PUBLICATIONS

1. G. Landsberg, *"Computer Viruses and Methods of Their Disarming,"* Sov. Phys. – Uspekhi J. **161** (1991) 161.
2. G. Landsberg, *"PHENIX: Universal Virus-Recoverer,"* Preprint IHEP 90–122, Protvino, 1990.
3. D. Alde *et al., "Further Study of the $X(1910)$ Meson,"* Sov. J. Nucl. Phys. **54** (1991) 751; Phys. Lett. **B276** (1992) 375.
4. D. Alde *et al., "Study of $X(1740)$ Production Mechanism,"* Sov. J. Nucl. Phys. **54** (1991) 745; Phys. Lett. **B284** (1992) 457.
5. D. Alde *et al., "Study of $\pi^- p \to \eta'\pi^0 n$ Reaction at 38 GeV/c and 100 GeV/c,"* Sov. J. Nucl. Phys. **54** (1992) 798; Z. Phys. **C54** (1992) 549.
6. D. Alde *et al., "Study of the $\omega\pi^0$ system,"* Sov. J. Nucl. Phys. **55** 226; Z. Phys. **C54** (1992) 553.
7. G. Landsberg, *"GAMS Results on the $\omega\pi^0$ System,"* in Proc. Intern.Workshop on Nucleon-Antinucleon Interactions NAN-91, Moscow, 1991, Sov. J. Nucl. Phys. **55** (1992) 822; Sov. Phys. Dokl. **37** (1992) 94.
8. G. Landsberg, *"GAMS Results on the $\omega\pi^0$ and $\omega\eta$ Systems,"* in Proc. Fourth Intern. Conf. on Hadron Spectroscopy HADRON '91, College Park, USA, World Sceintific Ed., (1992) 12.
9. G. Landsberg, *"Survey of GAMS 0^{++} and 2^{++} States,"* in Proc. Fourth Intern. Conf. on Hadron Spectroscopy HADRON '91, College Park, USA, World Sceintific Ed., (1992) 371.
10. D. Alde *et al., "Model Independent Measurement of $\omega \to \eta\gamma$ decay branching ratio,"* Sov. J. Nucl. Phys. **56** (1993) 137; Z. Phys. **C61** (1994) 35.
11. U. Baur *et al., "Electroweak Physics at Current Accelerators and the Supercollider,"* in Proc. Workshop on Physics at Current Accelerators and the Supercollider, ANL–HEP–CP–93-92, p. 271.
12. G. Landsberg, *"DØ Opportunities in Measuring the $VV\gamma$ Couplings,"* in Proc. Workshop on Physics at Current Accelerators and the Supercollider, ANL–HEP–CP–93-92, p. 303.
13. U. Baur, S. Errede, and G. Landsberg, *"Rapidity Correlations in $W\gamma$ production at Tevatron,"* in Proc. Workshop on Physics at Current Accelerators and the Supercollider, ANL–HEP–CP–93-92, p. 311.

14. G. Landsberg, *"Recent GAMS Results on Meson Spectroscopy,"* in Proc. Intern. Conf. on Meson-Nucleus Interactions, Cracow, 1993, in Acta Physica Polonica **B24** (1993) 1583.
15. F.G. Binon *et al.* (GAMS Collaboration), *"Measurement of the* $\omega \to \eta\gamma$ *Decay Rate,"* in Proc. Fifth Intern. Conf. on Hadron Spectroscopy HADRON '93, Como, Italy, Nuovo Cimento, **107A** (1994) 1799.
16. G. Landsberg, *"Partial-Wave Analysis of the* $\omega\pi^0$ *System at High Masses,"* in Proc. Fifth Intern. Conf. on Hadron Spectroscopy HADRON '93, Como, Italy, Nuovo Cimento, **107A** (1994) 1867.
17. B. Gomez *et al.* *"E823 (DØ Upgrade): Magnetic tracking,"* Preprint Fermilab-D0-UPGRADE-E-823, 1993.
18. S. Abachi *et al., "The DØ Detector,"* Nucl. Instr. and Meth. **A338** (1994) 185.
19. S. Abachi *et al., "First Generation Leptoquark Search in* $p\bar{p}$ *Collisions at* $\sqrt{s} = 1.8$ *TeV,"* Phys. Rev. Lett. **72** (1994) 965.
20. S. Abachi *et al., "Search for the Top Quark in* $p\bar{p}$ *Collisions at* $\sqrt{s} = 1.8$ *TeV,"* Phys. Rev. Lett. **72** (1994) 2138.
21. S. Abachi *et al., "Jet Events with Rapidity Gaps in* $p\bar{p}$ *Collisions at* $\sqrt{s} =$ 1.8 *TeV,"* Phys. Rev. Lett. **72** (1994) 2332.
22. U. Baur, S. Errede, and G. Landsberg, *"Rapidity Correlations in* $W\gamma$ *production at Hadron Colliders,"* Phys. Rev. D **50** (1994) 1917.
23. D. Alde *et al., "Study of the* $f_0(995)$ *Resonance in the* $pi^0\pi^0$ *Decay Channel,"* Z. Phys. **C66** (1995) 375.
24. D. Alde *et al., "Partial-Wave Analysis of the* $\omega\pi^0$ *System at High Masses,"* Z. Phys. **C66** (1995) 379.
25. D. Alde *et al., "Observation of the* $\omega \to \pi^0\pi^0\gamma$ *Decay,"* Phys. Lett. **B340** (1994) 122.
26. S. Abachi *et al., "Search for High Mass Top Quark Production in* $p\bar{p}$ *Collisions at* $\sqrt{s} = 1.8$ *TeV,"* Phys. Rev. Lett. **74** (1995) 2422.
27. S. Abachi *et al.* *"Observation of the Top Quark,"* Phys. Rev. Lett. **74** (1995) 2632.
28. S. Abachi *et al.* *"Inclusive* μ *and b-Quark Production Cross Sections in* $p\bar{p}$ *Collisions at* $\sqrt{s} = 1.8$ *TeV,"* Phys. Rev. Lett. **74** (1995) 3548.
29. S. Abachi *et al.* *"Search for Squarks and Gluinos in* $p\bar{p}$ *Collisions at* $\sqrt{s} =$ 1.8 *TeV,"* Phys. Rev. Lett. **75** (1995) 618.
30. G. Landsberg *"Search for Anomalous* $ZZ\gamma$ *and* $Z\gamma\gamma$ *Couplings with DØ,"* in Proc. International Symp. on Vector Boson Interactions, UCLA, Los Angeles, February 1 – 3, 1995, ed. AIP, New York (1996) 382.

31. S. Abachi *et al.* *Search for W Boson Pair Production in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV,"* Phys. Rev. Lett. **75** (1995) 1023.
32. S. Abachi *et al.* *Search for the $ZZ\gamma$ and $Z\gamma\gamma$ Couplings in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV,"* Phys. Rev. Lett. **75** (1995) 1028.
33. S. Abachi *et al.* *Measurement of the $WW\gamma$ Gauge Boson Couplings in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV,"* Phys. Rev. Lett. **75** (1995) 1034.
34. S. Abachi *et al.* *W and Z Boson Production in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV,"* Phys. Rev. Lett. **75** (1995) 1456.
35. D. Amidei, *et al.* (TeV–2000 Study Group) *"Future electroweak physics at the Fermilab Tevatron: Report of the TeV-2000 Study Group,"* preprint Fermilab–Pub–96-082.
36. S. Abachi *et al.* *A Study of the Strong Coupling Constant Using W + Jets,"* Phys. Rev. Lett. **75** (1995) 3226.
37. S. Abachi *et al.* *Top Quark Search with the DØ 1992–93 Data Sample,"* Phys. Rev. D **52** (1995) 4877.
38. S. Abachi *et al.* *Transverse Energy Distributions Within Jets in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV,"* Phys. Lett. **B357** (1995) 500.
39. S. Abachi *et al.* *Search for Heavy W Bosons in 1.8 TeV $p\bar{p}$ Collisions,"* Phys. Lett. **B358** (1995) 405.
40. S. Abachi *et al.* *Second Generation Leptoquark Search in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV,"* Phys. Rev. Lett. **75** (1995) 3618.
41. S. Abachi *et al.* *"Jet Production via Strongly-Interacting Color-Singlet Exchange in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV,"* Phys. Rev. Lett. **76** (1996) 734.
42. S. Abachi *et al.* *"Search for Light Top Squarks in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV,"* Phys. Rev. Lett. **76** (1996) 2222.
43. S. Abachi *et al.* *"Search for $\widetilde{W}_1\widetilde{Z}_2$ via Trilepton Final States in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV,"* Phys. Rev. Lett. **76** (1996) 2228.
44. S. Abachi *et al.* *"Search for Right-Handed W Bosons and Heavy W' in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV,"* Phys. Rev. Lett. **76** (1996) 3271.
45. S. Gruenendahl, T. Heuring, T. Huehn, G. Landsberg, P. Quintas, L. Sawyer and G. Watts *"The Standard Model and Beyond: Physics with the DØ Experiment,"* submitted to DØ PAC review, December 1995.
46. S. Abachi *et al.* *"J/Ψ Production in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV,"* Phys. Lett. **B370** (1996) 239.
47. S. Abachi *et al.* *"Studies of Topological Distributions of Inclusive Three- and Four-Jet events in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV,"* Phys. Rev. D **53** (1996) 6000.

48. S. Abachi *et al.* *"The Azimuthal Decorrelation of Jets Widely Separated in Rapidity,"* Phys. Rev. Lett. **77** (1996) 595.
49. S. Abachi *et al.* *"Search for Anomalous WW and WZ Production in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV,"* Phys. Rev. Lett. **77** (1996) 3303.
50. S. Abachi *et al.* *"Measurement of the W Boson Mass,"* Phys. Rev. Lett. **77** (1996) 3309.
51. S. Abachi *et al.* *"Search for Additional Neutral Gauge Bosons,"* Phys. Lett. **B385** (1996) 471.
52. S. Abachi *et al.* *"The Isolated Photon Cross Section in the Central and Forward Rapidity Region in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV,"* Phys. Rev. Lett. **77** (1996) 5011.
53. S. Abachi *et al.* *"Search for Diphoton Events With Large Missing Transverse Energy in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV,"*, Phys. Rev. Lett. **78** (1997) 2070.
54. G. Landsberg *"Recent DØ Results on $Z\gamma$ Production,"*, Proc. of the Division of Particles and Fields Meeting DPF 96, Minneapolis, August 11-15, 1996.
55. S. Abachi *et al.* *"Limits on Anomalous $WW\gamma$ Couplings from $p\bar{p} \to W\gamma + X$ Events at $\sqrt{s} = 1.8$ TeV,"* Phys. Rev. Lett. **78** (1997) 3634.
56. S. Abachi *et al.* *"Studies of Gauge Boson Pair Production and Trilinear Couplings,"* Phys. Rev. D **56** (1997) 6742.
57. S. Abachi *et al.* *"Study of the $ZZ\gamma$ and $Z\gamma\gamma$ Couplings in $Z(\nu\nu)\gamma$ Production,"* Phys. Rev. Lett. **78** (1997) 3640.
58. S. Abachi *et al.* *"Search for Fourth Generation b-type Quark,"* Phys. Rev. Lett. **78** (1997) 3818.
59. D. Alde *et al.* *"Study of the $\pi^0\pi^0$ system in pp central collisions at 450 GeV/c,"* Phys. Lett. **B397** (1997) 350.
60. S. Abachi *et al.* *"Direct Measurement of the Top Quark Mass,"* Phys. Rev. Lett. **79** (1997) 1197.
61. S. Abachi *et al.* *"Measurement of the Top Quark Pair Production Cross Section in $p\bar{p}$ Collisions,"* Phys. Rev. Lett. **79** (1997) 1203.
62. B. Abbott *et al.* *"Limits on WWZ and $WW\gamma$ couplings from $p\bar{p} \to e\nu jjX$ events at $\sqrt{s} = 1.8$ TeV,"* Phys. Rev. Lett. **79** (1997) 1441.
63. G. Landsberg (for the DØ and CDF Collaborations) *"Trilinear Gauge Couplings at the Fermilab Tevatron,"*, Proc. of 16th International Workshop on Weak Interactions and Neutrinos (WIN′97), Capri,Italy, 22-28 June, 1997.
64. B. Abbott *et al.* *"Search for First Generation Scalar Leptoquark Pairs Decaying into Electrons and Jets in $\bar{p}p$ Collisions,"* Phys. Rev. Lett. **79** (1997) 4321.

65. B. Abbott *et al.*, *"Color Coherent Radiation in Multijet Events from $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV,"* Phys. Lett. **B414** (1997) 419.
66. S. Abachi *et al.* *"Search for Top Squark Pair Production in the Dielectron Channel,"* Phys. Rev. D **57** (1998) 589.
67. B. Abbott *et al.* *"Experimental search for chargino and neutralino production via gauge mediated supersymmetry breaking models,"* Phys. Rev. Lett. **80** (1998) 442.
68. B. Abbott *et al.*, *"Measurement of Dijet Angular Distributions and Search for Quark Compositeness,"* Phys. Rev. Lett. **80** (1998) 666.
69. B. Abbott *et al.* *"Search for the Trilepton Signatures from the Associated Production of SUSY $\tilde{\chi}_1^{\pm}\tilde{\chi}_2^0$ Gauginos,"* Phys. Rev. Lett. **80** (1998) 1591.
70. B. Abbott *et al.* *"Search for First Generation Scalar Leptoquark Pairs in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV,"*, Phys. Rev. Lett. **80** (1998) 2051
71. B. Abbott *et al.* *"Measurement of the Top Quark Mass Using Dilepton Events,"* Phys. Rev. Lett. **80** (1998) 2063.
72. B. Abbott *et al.* *"$Z\gamma$ Production in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV and Limits on Anomalous $ZZ\gamma$ and $Z\gamma\gamma$ Couplings,"* Phys. Rev. D **57** (1998) R3817.
73. B. Abbott *et al.* *"A Measurement of the W Boson Mass,"* Phys. Rev. Lett. **80** (1998) 3008.
74. B. Abbott *et al.* *"Search for the Decay $b \to X_s\mu^+\mu^-$,"* Phys. Lett. **B423** (1998) 419.
75. B. Abbott *et al.* *"Measurement of the Shape of the Transverse Momentum Distribution of W Bosons Produced in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV,"* Phys. Rev. Lett. **80** (1998) 5498.
76. B. Abbott *et al.* *"Determination of the Mass of the W Boson Using the D0 Detector at the Tevatron,"* Phys. Rev. D **58** (1998) 012002.
77. B. Abbott *et al.* *"Limits on Anomalous $WW\gamma$ and WWZ Couplings,"* Phys. Rev. D **58** (1998) 031102.
78. B. Abbott *et al.* *"Limits on $WW\gamma$ and WWZ Couplings from W Boson Pair Production,"* Phys. Rev. D **58** (1998) 051101.
79. B. Abbott *et al.* *"Direct Measurement of the Top Quark Mass at DØ,"* Phys. Rev. D **58** (1998) 052001.
80. B. Abbott *et al.* *"A Measurement of the W Boson Mass,"* Phys. Rev. D **58** (1998) 092003.
81. B. Abbott *et al.* *"Search for Charge 1/3 Third Generation Leptoquarks in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV,"*, Phys. Rev. Lett. **81** (1998) 38.
82. B. Abbott *et al.* *"Search For Heavy Pointlike Dirac Monopoles,"* Phys. Rev. Lett. **81** (1998) 524.

83. B. Abbott *et al.* *"Determination of the Absolute Jet Energy Scale in the DØ Calorimeters,"* Nucl. Instr. and Meth. **A424** (1999) 352.
84. B. Abbott *et al.* *"Search for Squarks and Gluinos in Single-Photon Events with Jets and Large Missing Transverse Energy in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV,"* Phys. Rev. Lett. **82** (1999) 29.
85. B. Abbott *et al.* *"Small Angle J/Ψ Production in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV,"* Phys. Rev. Lett. **82** (1999) 35.
86. B. Abbott *et al.* *"The Inclusive Jet Cross Section in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV,"* Phys. Rev. Lett. **82** (1999) 2451.
87. B. Abbott *et al.* *"The Dijet Mass Spectrum and a Search for Quark Compositeness in $\bar{p}p$ Collisions at $\sqrt{s} = 1.8$ TeV,"* Phys. Rev. Lett. **82** (1999) 2457.
88. B. Abbott *et al.* *"Measurement of the Top Quark Mass in the Dilepton Channel,"* hep-ex/9808029, submitted to Phys. Rev. D.
89. B. Abbott *et al.* *"Measurement of the Top Quark Pair Production Cross Section in $p\bar{p}$ Collisions Using Multijet Final States,"* Phys. Rev. D **60** (1999) 012001.
90. B. Abbott *et al.* *"Probing Hard Color-Singlet Exchange in $p\bar{p}$ Collisions at $\sqrt{s} = 630$ GeV and 1800 GeV,"* Phys. Lett. B440 (1998) 189.
91. C. Grosso-Pilcher, G. Landsberg, M. Paterno (for the CDF and DØ Collaborations), *"Combined Limits on First Generation Leptoquarks from the CDF and D0 Experiments,"* preprint Fermilab PUB–98/312–E; hep-ex/9810015.
92. B. Abbott *et al.* *"Search for nonstandard Higgs bosons using high mass photon pairs in $p\bar{p} \to \gamma\gamma + 2$ jets at $\sqrt(s) = 1.8$ TeV,"* Phys. Rev. Lett. **82** (1999) 2244.
93. B. Abbott *et al.* *"Measurement of the High-Mass Drell-Yan Cross Section and Limits on Quark-Electron Compositeness Scales,"* Phys. Rev. Lett. **82** (1999) 4769.
94. B. Abbott *et al.* *"Search for squarks and gluinos in events containing jets and a large imbalance in transverse energy,"* hep-ex/9902013, submitted to Phys. Rev. Lett.
95. B. Abbott *et al.* *"Search for Charged Higgs Bosons in Decays of Top Quark Pairs,"* Phys. Rev. Lett. **82** (1999) 4975.
96. B. Abbott *et al.* *"Search for bottom squarks in $p\bar{p}$ collisions at $\sqrt(s) = 1.8$ TeV,"* Phys. Rev. D **60** (1999) 031101.
97. D. Cutts and G. Landsberg *"Detection of long-lived particles in Run II with DØ,"* hep-ph/9904396, to appear in Proc. Run II SUSY/Higgs Workshop.

98. B. Abbott *et al.* "*Search for second generation leptoquark pairs decaying to muon neutrino + jets in $p\bar{p}$ collisions at $\sqrt(s) = 1.8$ TeV,*" hep-ex/9904023, to appear in Phys. Rev. Lett.
99. B. Abbott *et al.* "*Study of WW and WZ production and limits on anomalous $WW\gamma$ and WWZ couplings,*" Phys. Rev. D **60** (1999) 072002.
100. B. Abbott *et al.* "*The $b\bar{b}$ production cross section and angular correlations in $p\bar{p}$ collisions at $\sqrt(s) = 1.8$ TeV,*" hep-ex/9905024, submitted to Phys. Rev. Lett.
101. B. Abbott *et al.* "*Extraction of the width of the W boson from measurement of $\sigma(p\bar{p} \to W + X) \times B(W \to e\nu)$ and $\sigma(p\bar{p} \to Z + X) \times B(Z \to ee)$ and their ratio,*" , hep-ex/9906025, to appear in Phys. Rev. D.
102. B. Abbott *et al.* "*Measurement of the inclusive differential cross-section for Z bosons as a function of transverse momentum in $p\bar{p}$ collisions at $\sqrt(s) = 1.8$ TeV,*" , hep-ex/9907009, submitted to Phys. Rev. Lett.
103. B. Abbott *et al.* "*Measurement for R parity violating supersymmetry in the dielectron channel,*" , hep-ex/9907019, submitted to Phys. Rev. Lett.
104. B. Abbott *et al.* "*Small angle muon and bottom quark production in $p\bar{p}$ collisions at $\sqrt(s) = 1.8$ TeV,*" hep-ex/9907029, submitted to Phys. Rev. Lett.
105. B. Abbott *et al.* "*Evidence for color coherence effects in $W+$*jets *event from $p\bar{p}$ collisions at $\sqrt(s) = 1.8$ TeV,*" hep-ex/9908017, submitted to Phys. Lett. B.
106. B. Abbott *et al.* "*A measurement of the W boson mass using large rapidity electrons,*" hep-ex/9908057, submitted to Phys. Rev. D.
107. K. Cheung and G. Landsberg *Drell-Yan and diphoton production at hadron colliders and low scale gravity model,*" hep-ph/9909218, submitted to Phys. Rev. D.
108. B. Abbott *et al.* "*Differential production cross-section of Z bosons as a function of transverse momentum at $\sqrt(s) = 1.8$ TeV,*" , hep-ex/9909020, submitted to Phys. Rev. Lett.
109. B. Abbott *et al.* "*A measurement of the W boson mass using electrons at large rapidities,*" hep-ex/9909030, submitted to Phys. Rev. Lett.