

Curriculum Vitae for Sally Dawson

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Education

Ph. D in Physics from Harvard University, 1981
Thesis: Radiative Corrections to $\sin^2 \theta_W$; Supervisor: H.M. Georgi
A. M. in Physics from Harvard University, 1978
B.S. in Physics and Mathematics from Duke University,
Summa Cum Laude, 1977

Professional Experience

2009-present, Senior Scientist, Brookhaven National Laboratory
2007-2008, Sabbatical leave at SLAC
2005-2007, Chair, Physics Department, Brookhaven National
Laboratory
2001-present, Adjunct Professor, C. N. Yang
Institute for Theoretical Physics, SUNY, Stony Brook
1998-2004, Group leader, high energy theory, Brookhaven National
Laboratory
1994-2005, Senior Scientist, Brookhaven National Laboratory
1990-1994, Physicist, Brookhaven National Laboratory
1988-1990, Associate Physicist, Brookhaven National Laboratory
1986-1988, Assistant Physicist, Brookhaven National Laboratory
1983-1986, Research Associate, Lawrence Berkeley Laboratory
1981-1983, Research Associate, Fermilab

Committee Membership, Other Professional Activities

2013-2022, Member, Max Planck Advisory Board
2016-2020, Member, NHET Advisory Board, Rutgers University
2018, Member, Helmholtz DESY review committee

2017, Chair, Committee of Visitors for DOE HEP Office
 2001-2016, Loopfest Conference Organizer
 2016-2019, Member, AAAS Section B Nominating Committee
 2014-2019, Convenor, HH Working Group, LHC Higgs Cross Section Working Group
 2014, Member, NSF Committee of Visitors
 2013, Convenor, Higgs Working Group, Snowmass Summer Study
 2013, Convenor, Theory Working Group, Snowmass Summer Study
 2012-2018, Chair, TASI Scientific Advisory Board
 2011-2016, Member, New York Academy of Sciences, Blavatnik Prize Committee
 2010-present, Member, PITT-PAC Advisory Board, University of Pittsburgh
 2008-2010, Member, Sakurai Prize Committee
 2006-2010, Member, AAAS Physics B Executive Committee
 2010, Chair, Fermilab Program Advisory Board
 2006-2010, Member, Fermilab Program Advisory Board
 2006-2010, Member, Santa Barbara KITP Advisory Board
 2006, Chair, LBNL Physics Division Program Review
 2005, Past Chair, Division of Particles and Fields, APS.
 2004-2006, Vice Chair, Elementary Particle Physics EPP2010 Committee of the National Research Council
 2004-2006, Member, International Committee for Future Accelerators (ICFA)
 2004, Chair, Division of Particles and Fields, APS
 2003, Chair-elect, Division of Particles and Fields, APS
 2002-present, Member, U.S. Linear Collider Steering Committee
 2002-2004 Member, HEPAP subcommittee on Outreach
 2002-2004, Member, URA Visiting Committee, Fermilab
 2002, Vice-Chair, Division of Particles and Fields, APS
 1999-2002, Member, High Energy Physics Advisory Panel of the Department of Energy
 1999-2002, APS Divisional Councilor for the Division of Particles and Fields
 2001-2002, Member, Nominating Committee, Division of Particles of Beams, APS
 2000-2001, Member, LBNL Physics Division Program Review

1999, Member, ANL Physics Division Program Review
1997, Member, HEPAP subpanel on The Future of High Energy Physics
1997-2000, Member, APS Committee on the Status of Women in Physics
1995-2004, Associate Editor, Physical Review D
1994-1996, Member, Executive Committee of the Division of Particle and
Fields of the American Physical Society
1991-1993, Member, SSC Program Advisory Committee

Honors and Awards

2019, DOE Distinguished Scientist Fellow
2019, Wess Prize, Karlsruhe Institute of Technology
2019, Sternheim Distinguished Lectureship Award, Amherst College
2017, Sakurai Prize of the APS
2015, Humboldt Fellowship
2014, Ben Lee Fellow, Fermilab
2006, Fellow of the American Association for the Advancement of Science
1998, APS Centennial Speaker
1995, Fellow of the American Physical Society
1995, Town of Brookhaven, Woman of the Year in Science

Teaching

- *CTEQ Summer School, 2 lectures on Higgs physics*, University of Pittsburgh, June 16-17, 2019.
- *Topics in Electroweak Symmetry Breaking*, 4 lectures, Maria Laach School, Germany, Sept. 4-8, 2018.
- *Introduction to Higgs Physics*, 4 lectures, Hadron collider physics summer school, Fermilab, Aug. 20-22, 2018.
- *Topics in Higgs Physics*, 2 lectures, SLAC Summer Institute, Aug. 6, 2018.
- *Higgs Physics in the LHC Era*, 2 lectures, CERN School for Particle Physics, Lisbon, Portugal, September 16- 17, 2017.

- *New Physics on Trial at LHC Run II Summer School*, 4 lectures on Higgs physics, University of Mainz, Germany, July 24- Aug. 5, 2016.
- *Theoretical Advanced Study Institute*, 4 lectures on Higgs physics, University of Colorado, June 6-10, 2016.
- *CTEQ Summer School*, 2 lectures on Higgs physics, University of Pittsburgh, June 6-10, 2016.
- *Hadron Collider Summer School*, 4 Lectures on Higgs physics, Fermilab, Aug. 7-12, 2012.
- *SUSY Summer School*, 2 lectures on Higgs physics, University of Chicago, Aug., 2011.
- *Trieste Summer School*, 4 lectures on Higgs physics, Trieste, Italy, June 8-11, 2011.
- *SLAC Summer School*, 2 lectures on Higgs physics, SLAC, Aug. 3-4, 2009.
- *XIII Mexican School of Particles and Fields*, 3 lectures on the Standard Model, Sonora, Mexico, Oct 3-5, 2008.
- *Freshman Seminar, The Quantum Universe*, University of Stony Brook, Spring Semester, 2007.
- *CTEQ Summer School*, 3 lectures on QCD Loop calculations, Wisconsin, June, 2007.
- *Hadron Collider Physics Summer School*, 4 lectures on the Standard Model, Fermilab, Aug. 2006.
- *Triumf Summer Institute*, 4 lectures on the Standard Model, Vancouver, British Columbia, July, 2006.
- *Theoretical Advanced Study Institute*, 4 lectures on the Standard Model, University of Colorado, June, 2006.
- *Graduate course on Advanced Theoretical Particle Physics*, University of Stony Brook, Fall Semester, 2003.

- *Graduate course on Electroweak Symmetry Breaking*, University of Stony Brook, Fall Semester, 2001.
- *Simons Summer Workshop, 2 lectures on collider physics for string theorists*, University of Stony Brook, July, 2007.
- *Maria Laach School, 4 lectures on electroweak symmetry breaking*, Maria Laach, Germany, June, 2002.
- *Theoretical Advanced Study Institute, 4 lectures on the top quark*, University of Colorado, June, 2002.
- *CTEQ Summer School, 2 lectures on QCD and new physics*, Lake Geneva, Wisconsin, June, 2000.
- *Summer School on High Energy Physics and Cosmology, 4 lectures on the Standard Model*, Trieste, Italy, June 29-July 17, 1998.
- *Theoretical Advanced Study Institute, 4 lectures on supersymmetry*, University of Colorado, June 2-6, 1997.
- *ASI Summer School, 4 lectures on supersymmetry*, St. Croix, Virgin Islands, July 11-22, 1996.

Publication list at: <http://quark.phy.bnl.gov/dawson>

Seminars, Colloquium, and Conference Talks (after 1995)

- *Do Radiative Corrections to the SMEFT Matter?*, Invited plenary talk, Higgs Couplings 2019, Oxford, England, October 20, 2019.
- *Do Radiative Corrections to the SMEFT Matter?*, Invited plenary talk, Loopfest, Fermilab, Batavia, IL., August 12, 2019.
- *Particle Physics at the Crossroads*, Karlsruhe Institute of Technology, Karlsruhe, Germany, July 29, 2019.

- *Questions in Electroweak Symmetry Breaking*, Invited plenary talk, Invisibles Workshop, 2019, Valencia, Spain, June 14, 2019.
- *Precision Physics at the LHC*, Colloquium, University of Massachusetts, Amherst, March 27, 2019.
- *Particle Physics at the Crossroads*, Sternheim Distinguished Lecture, University of Massachusetts, Amherst, March 26, 2019.
- *New Physics From Precision Measurements?*, Invited plenary talk, BSM circa 2020, PITTPAC workshop, University of Pittsburgh, Feb. 28, 2019.
- *From Neutrinos to Bs, Remembering Leon Lederman*, Invited plenary talk, APS April meeting, Denver, CO, April 14, 2019.
- *Results on Anomalous couplings*, HE/HL CERN Study, electroweak working group meeting, June 11, 2018.
- *Frontiers of Electroweak Symmetry Breaking*, Invited review talk, CIPANP Conference, Palm Springs, CA., June 1, 2018.
- *Precision Physics for the LHC*, Colloquium, Dartmouth College, April 20, 2018.
- *Precision physics for the LHC*, HL/HE Workshop, Fermilab, April 5, 2018.
- *Precision Physics for the LHC*, Colloquium, Stony Brook, Jan 23, 2018.
- *Higgs discussion*, Higgs Coupling Workshop, Heidelberg, Germany, Nov 7, 2017.
- *EFTs and VV Production*, Theory Seminar, University of Pittsburgh, Oct 26, 2017.
- *Physics after the Higgs Discovery*, Hagopian Family Endowed Colloquium, Florida State University, March 23, 2017.
- *Physics after the Higgs Discovery*, Yndurain Memorial Colloquium, Madrid, Spain, March 9, 2017.

- *The future of Higgs Physics*, Sakurai Prize talk, April APS Meeting, Washington, D.C., Jan. 30, 2017.
- *It's not just the Higgs*, Theory Seminar, Fermilab, Jan 19, 2017.
- *Physics after the Higgs*, Colloquium, Carnegie Mellon University, Jan 12, 2017.
- *Beyond Higgs Couplings*, Higgs Coupling Workshop, SLAC, Nov. 19, 2016.
- *Update on double Higgs Production*, ATLAS physics workshop, BNL, May 19, 2016.
- *Is there Physics after the Higgs?*, Colloquium, University of Kansas, May 2, 2016.
- *Update on Double Higgs Production*, Theory Seminar, Michigan State University, April 12, 2016.
- *Report on HH Production from the LHCHXS Working group*, CMS HH Subgroup Meeting, Lyon, France, Jan 18, 2016.
- *Is there Physics after the Higgs?*, Colloquium, University of Tuebingen, Germany, Jan 13, 2016.
- *Is there Physics after the Higgs?*, Colloquium, Rutgers University, Dec. 9, 2015.
- *DI-Higgs Theory*, Invited Plenary Talk, Higgs and Beyond Workshop, University of Pittsburgh, Dec 3, 2015.
- *BSM Physics From Run-II at the LHC*, Invited Plenary Talk, ATLAS Physics Week, Aix Les Bains, France, Nov 19, 2015.
- *Effective Field Theories for Higgs plus Jet Production*, Invited Plenary Talk, Compositeness Workshop, Fermilab, Nov. 3, 2015.
- *Progress in Electroweak Symmetry Breaking*, Invited Plenary Talk, Lepton-Photon Conference, Slovenia, Aug, 17, 2015.

- *Progress in 2-Higgs Production in the SM and BSM Models*, Invited Plenary Talk, Higgs Cross Section Working Group Meeting, CERN, July 18, 2015.
- *Is the Higgs Boson the Origin of Mass?*, Invited Plenary Talk, Origins of Mass Conference, University of Southern Denmark, May 18, 2015.
- *The Usefulness of Effective Field Theory for Boosted Higgs Production*, Theory Seminar, SLAC, May 8, 2015.
- *Discussion on Double Higgs Production*, Invited Plenary Talk, Mainz Workshop on HH Production, April 29, 2015.
- *The Higgs Going Forward*, Invited Plenary Talk, Aspen Winter Conference, Aspen, CO, Jan. 29, 2015.
- *Standard Model Predictions for HH Production*, Invited Plenary Talk, Higgs Cross Section Working Group, CERN, Jan. 22, 2015.
- *Effective Field Theory for Higgs Physics*, Invited Plenary Talk, QCD and Beyond Workshop, University of Pittsburgh, Nov. 13, 2014.
- *Grand Vision*, Opening talk, BSM Workshop, FNAL LPC, Nov. 3, 2014.
- *Concluding Vision*, Invited Plenary Talk, Multi Boson Interactions Workshop, BNL, Oct. 30, 2014.
- *Effective Field Theory for Higgs Plus Jet Production*, Invited Plenary Talk, Higgs Effective Field Theory Workshop, Madrid, Spain, October 1, 2014.
- *Progress in Higgs Physics.*, Invited Plenary Talk, Rencontres de Blois Workshop, Blois, France, May 20, 2014.
- *Higgs Physics at 1 TeV*, Invited Plenary Talk, 100 TeV Workshop, SLAC, April 22, 2014.
- *After the Higgs Discovery: What Next?*, Invited Plenary Talk, April APS Meeting, Savannah, Georgia, April 8, 2014.

- *Precision Higgs Measurements*, Invited Plenary Talk, Lattice Meets Experiment Workshop, Fermilab, March 7, 2014.
- *Exploring Double Higgs Production at the LHC*, LPC talk, Fermilab, March 4, 2014.
- *The Case for a New Scale of Physics*, Colloquium, Northwestern University, February 21, 2014.
- *Precision Higgs Physics and the Search for a New Scale of Physics*, Division seminar, Argonne National Laboratory, Feb 5, 2014.
- *The Long Search for the Higgs*, Invited Plenary Talk, APS Women in Science Workshop, BNL, Jan.17, 2014.
- *The Case for High Energy Colliders*, Invited Plenary Talk, P5 Meeting, BNL, Dec 16, 2013.
- *The Case for a New Scale of Physics*, Invited Plenary Talk, University of Pittsburgh Workshop, Pittsburgh, PA, Nov. 18, 2013.
- *Top Partners and Higgs Physics*, Theory seminar, SLAC, Sept 20, 2013.
- *The Future of US Particle Theory: Report of the DPF Theory Panel*, HEPAP, Washington, DC, Sept 7, 2013.
- *The Case for Precision Higgs Physics*, Snowmass Summer Study, Minneapolis, MN., July 30, 2013.
- *Top Partners and Higgs Physics*, LHC-The First Part of the Journey, KITP, Santa Barbara, CA, July 10, 2013.
- *The Way Forward*, Higgs workshop, Princeton, April 26, 2013.
- *Precision Measurements for Higgs Physics*, Snowmass Energy Frontier Meeting, BNL, April 4, 2013.
- *Benchmarks for Higgs Physics*, Snowmass Energy Frontier Meeting, BNL, April 3, 2013.
- *Discussion: After Discovery, What Next?*, The First Three Years of the LHC Workshop, Mainz, Germany, March 2013.

- *Report from the Energy Frontier Facilities Subpanel*, HEPAP, Washington, DC, March 11, 2013.
- *What does it all mean? The Long Search for the Higgs Boson*, Colloquium, Yale University Feb 28, 2013.
- *The Long Search for the Higgs Boson*, Simons Foundation retreat, Caneel Bay, Virgin Islands, Jan 20, 2013.
- *Uncertainties on Higgs Cross Sections*, Workshop on the LHC, Triumpf, Dec. 15, 2012.
- *Exploring the Higgs Sector*, Joint theory/experimental seminar, Berkeley, Oct 11, 2012.
- *Higgs Couplings*, Seminar, Perimeter Institute, Aug. 2, 2012.
- *Higgs Discovery*, Brookhaven Scientists Association distinguished lecture, July 25, 2012.
- *Summary talk*, Next Stretch of the Higgs Magnificent Mile Workshop, Chicago, May 16, 2012.
- *Fermion Masses and Higgs Production*, Theory Seminar, SLAC, Feb 10, 2012.
- *After Discovery: Exploring Higgs Properties*, Invited Plenary Talk, ETH Workshop: Higgs Search Confronts Experiment, Jan. 11, 2012.
- *Fermion Masses and Higgs Production*, Theory Seminar, University of Pittsburgh, Nov. 3, 2011.
- *Remembering Uli*, Baur Memorial Symposium, University of Buffalo, Sept 24, 2011.
- *Precision Measurements for Higgs Physics*, ATLAS Higgs Jamboree, LBNL, Oct 26, 2011.
- *The Tevatron Legacy*, Invited Plenary Talk, SUSY11 Conference, Aug. 2011.

- *Uncertainties on Higgs Cross Sections*, Higgs Cross Section Workshop, University of Washington, April 26, 2011.
- *SQCD corrections*, Parallel Session Talk, ALCPG Workshop, March 22, 2011.
- *The Physics Case for 1 TeV*, Plenary Talk, ALCPG Workshop, March 21, 2011.
- *Summary Talk*, Workshop on Heavy Particles, ETH, Zurich, Jan 5, 2011.
- *A New Era for Particle Physics*, Colloquium, University of Connecticut, Nov. 12, 2010.
- *Electroweak Symmetry Breaking and the LHC*, LHC Theory Initiative Workshop, BNL, Oct 7, 2010.
- *The LHC is Here*, Colloquium, University of Notre Dame, Sept 29, 2010.
- *Finding the Higgs Boson of the MSSM*, Theory Seminar, University of Notre Dame, Sept 28, 2010.
- *Summary Talk*, Higgs workshop, Orsay, France, July 29, 2010.
- *b quarks and EW Symmetry Breaking*, ICHEP, Paris, France, July 22, 2010.
- *Frontiers in Particle Physics*, AGS User's Meeting, BNL, June 9, 2010.
- *b Quarks and Higgs Physics*, Higgs Workshop, University of Michigan, May 12, 2010.
- *LHC and Beyond*, Summary talk, Pheno Conference, University of Pittsburgh, May 9, 2010.
- *Searching for Electroweak Symmetry Breaking*, Guralknik fest, Brown University, May 5, 2010.
- *Higgs Bosons and b quarks*, Theory seminar, University of Oklahoma, April 20, 2010.

- *The Case for Electroweak Symmetry Breaking*, Colloquium, University of Oklahoma, April 20, 2010.
- *The Case for Electroweak Symmetry Breaking*, Theory Workshop, City College, April 9, 2010.
- *Exploring Electroweak Symmetry Breaking*, Invited Plenary Talk, Quigg festival, Fermilab, Dec. 14, 2009.
- *Waiting for the LHC: Exploring the Quantum Universe*, Colloquium, Emory University, Sept 18, 2009.
- *Waiting for the LHC: Exploring the Quantum Universe*, Colloquium, Washington University, Sept 2, 2009.
- *Electroweak Measurements and the 3 and 4-Site Models*, CERN Workshop talk, Feb. 12, 2009.
- *Implications of observation of a heavy Higgs*, CERN Seminar, Feb, 2009.
- *How Well do we know Higgs Properties?*, Workshop on Measuring Higgs Couplings, INT, University of Washington, Jan 2009.
- *Renormalization and BSM Physics: A Cautionary Tale*, Workshop on Beyond the SM: From the Tevatron to the LHC, Fermilab, Sept 17, 2008 .
- *Electroweak Symmetry Breaking at the Terascale*, Invited Plenary Talk, Grannis Symposium, Stony Brook, June 13, 2008.
- *Physics for Higgs Discovery*, Theory Seminar, April 10, 2008, University of Minnesota.
- *Finding the Higgs with b Quarks*, Theory Seminar, LBL, March 3, 2008.
- *Review of Higgs Physics*, XIII Mexican School of Particles and Fields, Sonora, Mexico, Oct. 11, 2008.
- *Challenges for Higgs Physics*, Helmholtz Kickoff Workshop , DESY, Germany, December 3, 2007.

- *b's and Higgs Physics*, Theory Seminar, University of CA, Irvine , Nov. 28, 2007.
- *b's and Higgs physics*, ATLAS forum, SLAC, Oct. 10, 2007.
- *Waiting for the LHC*, Colloquium, University of Calgary, Sept 28, 2007.
- *Searching for New Physics at the LHC and ILC*, Workshop on B-L, LBL, Sept 22, 2007.
- *SLAC, b Quarks and Higgs Physics*, Theory Seminar, SLAC, Sept 14, 2007.
- *Higgs Working Group Summary*, Workshop on Collider physics at the LHC, Les Houches, France, June 29, 2007.
- *Waiting for the LHC*, Colloquium, Iowa State University, April 2, 2007.
- *Higgs Bosons at the Tevatron and LHC: The Big Picture* Aspen winter meeting, January 7-11, 2007.
- *Physics at the Terascale: Opportunities and Challenges*, Colloquium, University of Texas, Austin, Dec 4, 2006.
- *Opportunities at the Terascale*, Colloquium, University of Wisconsin, Oct. 24, 2006.
- *Opportunities at the Terascale*, Colloquium, Indiana University, Oct 4, 2006.
- *Higgs bosons and b quarks*, Theory Seminar, Indiana University, Oct 3, 2006.
- *Physics at the Terascale: Report from EPP2010*, Report to ICFA, Aug. 30, 2006.
- *Physics at the Terascale*, Colloquium, BNL, June, 2006.
- *Physics at the Terascale*, Colloquium, Fermilab, May 12, 2006.
- *Adventures at the Terascale*, Colloquium, University of Virginia, March 24, 2006.

- *The Future of Particle Physics*, Aspen Winter Conference, February 14, 2006.
- *Precision Measurements and Top Quark Physics*, Theory Seminar, Carnegie Mellon University, January 11, 2006.
- *Revolutions in Particle Physics*, Colloquium, State University of New York at Buffalo, October 27, 2005.
- *The Top Quark and Precision Measurements*, Theory Seminar, University of Michigan, October 8, 2005.
- *Revolutions in Particle Physics*, Colloquium, Michigan State University, October 7, 2005.
- *Revolutions in Particle Physics*, Colloquium, Duke University, September 27, 2005.
- *Precision Measurements in Theories with $\rho \neq 1$* , Bardeen Fest, Fermilab, September 23, 2005.
- *New Directions in Electroweak Symmetry Breaking*, Lepton-Photon Conference 2005, Lund, Sweden, June, 2005.
- *Future Directions for Particle Physics*, Symposium, April APS Meeting, Tampa, Fl., April 17, 2005.
- *The Top Quark and Precision Measurements*, Top Quark Symposium, University of Michigan, April 7, 2005.
- *Revolutions in Particle Physics*, Colloquium, University of Rochester, March 16, 2005.
- *The Top Quark and Precision Measurements*, Theory Seminar, University of Rochester, March 16, 2005.
- *LHC/LC Complementarity*, Victoria Linear Collider Meeting, Victoria, Canada July 28, 2004.
- *Associated Higgs-Heavy Quark Production*, Victoria Linear Collider Meeting, Victoria, Canada July 28, 2004.

- *The Status of the Standard Model*, Hadron Collider Physics 2004, Michigan State University, June 14, 2004.
- *The Case for a Linear Collider*, Colloquium, Brookhaven National Laboratory, April 6, 2004.
- *The Case for a Linear Collider*, Colloquium, University of Wisconsin, March 22, 2004.
- *Associated Higgs Boson Production*, Seminar, New York University, March 10, 2004.
- *The Case for a Linear Collider*, Colloquium, Boston University, February 10, 2004.
- *The Higgs Boson: A Theoretical Perspective*, Winter Conference, Aspen, CO., February 2, 2004.
- *A Roadmap For Colliders*, Colloquium, Purdue University, November 6, 2003.
- *A Roadmap For Colliders*, Wine and Cheese talk, Fermilab, October 17, 2003.
- *Progress in Electroweak Symmetry Breaking*, Weak Interactions and Neutrinos Conference, October 6, 2003.
- *Probing the Higgs Yukawa Couplings at the LHC*, University of British Columbia, July 15, 2003.
- *Workshop Summary*, Workshop on TeV Scale Physics, Les Houches, France June 6, 2003.
- *Physics at a Linear Collider*, Colloquium, University of Oklahoma, March 6, 2003.
- *NLC QCD Corrections to $t\bar{t}h$ Production*, University of Oklahoma, March 6, 2003.
- *Why We Need Both the LHC and a Linear Collider*, Particle Physics Seminar, BNL, Jan. 16, 2003.

- *t \bar{t} h Production: an Update*, Workshop on Linear Collider Physics, University of Texas at Arlington, Jan. 12, 2003.
- *The LC/LHC Synergy*, Workshop on LHC/LC Complementarity, Fermilab, Dec. 13, 2002.
- *The Physics Case for a Linear Collider*, Colloquium, Princeton University, October 17, 2002.
- *The LHC/LC Complementarity*, 14th Topical Conference on Hadron Collider Physics, Karlsruhe, Germany, October 3, 2002.
- *The Physics Case for a Linear Collider*, Colloquium, Michigan State University, September 26, 2002.
- *The Physics Case for a Linear Collider*, APS Meeting, Albuquerque, N.M., April 20, 2002.
- *The Physics Case for a Linear Collider*, Colloquium, Stony Brook, April 16, 2002.
- *Linear Colliders: The Challenge Ahead*, Linear Collider Workshop, Chicago, Illinois, January 7-9, 2002.
- *Hadroproduction of Higgs Bosons*, Snowmass, Colorado, July 5, 2001.
- *Conference Summary*, PHENO01, Madison, Wisconsin, May 9, 2001.
- *Supersymmetry at the Tevatron*, EDM Workshop, BNL, May 14, 2001.
- *t \bar{t} h Production at a $\gamma\gamma$ Collider*, International Conference on $\gamma\gamma$ collisions, Fermilab, March 15, 2001.
- *Top Quark Yukawa Couplings and New Physics*, 5th International Linear Collider Workshop, Fermilab, October 24-28, 2000.
- *t \bar{t} h Production at the LHC*, Working group meeting on top quark physics at a Linear Collider, Fermilab, June 22, 2000.
- *The Search for the Higgs Boson*, Colloquium, Florida State University, March 2, 2000.

- *Physics in 2006*, Workshop on Studies on Colliders and Collider Physics at the Highest Energies, Montauk, N.Y., September 27- October 1, 1999.
- *Prospects for Finding Supersymmetry*, Seminar at Stony Brook, Oct. 27, 1998.
- *Low Energy Constraints on New Physics: A Status Report*, Theory Seminar, Stony Brook University , Sept 28, 1998.
- *Higgs Boson Pair Production*, Workshop on Physics at the Tevatron, Fermilab, May 14, 1998.
- *Low Energy Theorems and Higgs Physics*, Seminar, Yale University, May 11, 1998.
- *The Search for Electroweak Symmetry Breaking*, Colloquium, University of Oregon, Feb. 26, 1998.
- *Discovering the Higgs Boson*, Invited Plenary Talk, Winter Conference, Aspen, CO., Jan. 27, 1998.
- *Low Energy Theorems and Higgs Physics*, Theory Seminar, University of Massachusetts, Amherst, Oct. 3, 1997.
- *Higgs Physics Beyond the Minimal Model*, Theory Seminar, Argonne National Laboratory, Jan. 15, 1997.
- *Probing Non-Standard Model Three Gauge Boson Couplings*, Theory Seminar, Stony Brook University , Nov. 18, 1996.
- *Who Needs SUSY?*, Colloquium, Syracuse University, Oct. 24, 1996.
- *The Origin of Particle Masses in the Standard Model*, Invited talk, Seventh Annual Northeast Regional Physics Conference, BNL, Oct. 26, 1996.
- *Conference Summary*, Divisional Meeting of the Division of Particles and Fields, Minneapolis, MN, Aug. 10-15, 1996.

- *Limits on Anomalous Couplings From LEP Data*, Workshop on New Directions for High Energy Physics, Snowmass, CO., June 24-July 12, 1996.
- *The Status of QCD*, Workshop on New Directions for High Energy Physics, Snowmass, CO., June 24-July 12, 1996.
- *New Physics From Anomalous Gauge Boson Interactions*, Workshop on Physics with High Energy e^+e^- Colliders, BNL, May 6-8, 1996.
- *QCD Corrections to Higgs Production: The Role of Squark Loops*, BNL, May 24, 1996.
- *Precision Measurement of the W Mass at a Muon Collider*, 9th ICFA Workshop on Advanced Beam Dynamics, Montauk, N.Y., Oct. 16, 1995.
- *Heavy Higgs Bosons: A Status Report*, International Symposium on Particle Theory and Phenomenology, Ames, Iowa, May 24, 1995