

Curriculum vitae

Andreas S. Kronfeld

Birthdate and place: 9 June 1958, Woodland, California

Education: *Cornell University*
Ithaca, New York
Ph. D., theoretical physics, May 1985.

University of Pennsylvania
Philadelphia, Pennsylvania
B.A., physics and mathematics, May 1980.

Westtown School
Westtown, Pennsylvania
high school diploma, June 1976.

Research interests: Lattice quantum chromodynamics, particularly in applications to the phenomenology of the standard model.

Positions held: *Fermi National Accelerator Laboratory*
Batavia, Illinois
Scientist II, July 1999 – present.
Scientist I, October 1993 – June 1999.
Associate Scientist, April 1989 – October 1993.
Postdoctoral associate, September 1988 – March 1989.

Deutsches Elektronen Synchrotron
Hamburg, Germany
Postdoctoral associate, August 1985 – August 1988.

Visiting positions held: *Center for Computational Physics, Tsukuba University*
Tsukuba, Japan
Foreign professor, February – April 2001.

Nordita
Copenhagen, Denmark
Visiting scientist, October – December 1996.

Professional societies: *American Physical Society*, September 1980 – present
(elected Fellow December 2002)
Division of Particles and Fields,
Division of Computational Physics.
American Association for the Advancement of Science, 2003 – present.

- Professional service: *Executive Committee*, APS Division of Particles and Fields, January 2007 – December 2009.
International Organizing Committee, Worldwide Study of Physics and Detectors for Future Linear e^+e^- Colliders, May 2004 – present.
Scientific Program Committee, USQCD Collaboration, January 2004 – December 2009 (Chair, October 2006 – December 2008).
J.J. Sakurai Prize Selection Committee, American Physical Society, 2005 (Vice-Chair), 2006 (Chair).
Program Review, Lawrence Berkeley National Laboratory, High Energy Physics, DOE Office of Science, May 2002.
Physics Advisory Committee, Fermilab, June 1996 – June 2000 (Chairman October 1998 – May 1999).
- Laboratory service: *Awards Committee*, January 2010 – present.
Computational Cosmology Task Force, April – July 2007.
Wilson Fellows Selection Committee, October 2006 – June 2009.
ILC Task Force, June – September 2006.
Academic Lectures Organizing Committee, November 2005 – August 2008.
Scientific Advisory Group, November 2001 – July 2005.
Co-chair (with Slawomir Tkaczyk), *Study of Linear Collider Physics*, December 1999 – October 2000.
Fermilab Committee on Scientific Appointments, October 1999 – September 2002.
Director's Review, E835 (*Charmonium*), December 1997.
Director's Review, E872 (*Donut*), February, October 1997.
Director's Review, E791 ($pN \rightarrow \text{charm}$), February, November 1993.
- Teaching experience: *Mini-course on Heavy Quark Physics*, Seoul National University, December 2010.
INT Summer School on Lattice QCD and its Applications, University of Washington, August 2007.
British Universities' Summer School in Elementary Particle Physics, Plymouth University, September 2004.
International School on CP Violation, Prerow, Germany, September 2003.
British Universities' Summer School in Elementary Particle Physics, Queen Mary London University, September 2003.
Mini-course on Heavy Quark Physics, Tsukuba University, March 2001.
School and Workshop on Lattice QCD, Nordita, August 1995.
Saturday Morning Physics, Fermilab, September 1994 – May 1999.
Perspectives in the standard model, TASI, June 1992.
Teaching assistant, Cornell University, seven semesters.

Ph. D. supervision: Bartholomeus P. G. Mertens (University of Chicago), 1992–1997,
“One-loop renormalization of massive lattice fermions” (May 1997)
Christopher M. Bouchard (University of Illinois), 2010–2011,
Fermilab Fellow in Theoretical Physics
Daping Du (University of Iowa), 2011,
URA Visiting Scholar

Seminar organization: *Fermilab Theoretical Physics Seminar*,
September 2005 – August 2008.
Fermilab Colloquium Committee,
September 1996 – August 2005 (Chairman 1998 – 2000).
Fermilab Theoretical Physics Seminar,
September 1989 – March 1993.

Conference organization: International Advisory Committee, *International Workshop on Charm Physics 2012*, Honolulu, Hawaii, May 2012.
Program Committee, XIIIth *International Linear Collider Workshop LCWS 2011*, Granada, Spain, September 2011.
International Advisory Committee, *Hadron Collider Physics Summer School*, CERN, June 2011.
International Advisory Committee, *International Workshop on Charm Physics 2010*, Beijing, China, October 2010.
International Advisory Committee, VIth *International Workshop on the CKM Unitarity Triangle*, Warwick, UK, September 2010.
Local Organizing Committee (Co-Chair with Douglas Glazinski), *Hadron Collider Physics Summer School*, Fermilab, August 2010.
Scientific Advisory Board, *Conference on Computational Physics 2010*, Trondheim, Norway, June 2010.
International Advisory Committee, XXVIIIth *International Symposium on Lattice Field Theory*, Villasimius, Italy, June 2010.
Local Organizing Committee, *Quarkonium Working Group*, Fermilab, May 2010.
Program Committee, XIIth *International Linear Collider Workshop LCWS 2010*, Beijing, China, March 2010.
International Advisory Committee, *International Workshop on Charm Physics 2009*, Heidelberg, Germany, May 2009.
Program Committee, XIth *International Linear Collider Workshop LCWS 2008*, Chicago, Illinois, November 2008.
International Advisory Committee and Working Group Convener, Vth *International Workshop on the CKM Unitarity Triangle*, Rome, Italy, September 2008.
Working Group Convener, XXXIVth *International Conference on High Energy Physics*, Philadelphia, Pennsylvania, August 2008.
Program & Local Organizing Committees, *Joint Meeting of the American Linear Collider Physics Group and the ILC Global Design Effort*, Fermilab, October 2007.

International Advisory Committee, *International Workshop on Charm Physics 2007*, Ithaca, New York, August 2007.

Program Committee, Xth *International Linear Collider Workshop LCWS 2007*, Hamburg, Germany, May 2007.

International Advisory Committee, IVth *International Workshop on the CKM Unitarity Triangle*, Nagoya, Japan, December 2006.

Program Committee, XXIVth *International Symposium on Lattice Field Theory*, Tucson, Arizona, June 2006.

Program Committee, IXth *International Linear Collider Workshop LCWS 2006*, Bangalore, India, March 2006.

Topic Convener – Standard Model, *Quarkonium Working Group*, October 2005 – present; meetings Upton, New York, June 2006; Hamburg, Germany, October 2007; Nara, Japan, December 2008; Fermilab, May 2010; Darmstadt, Germany, October 2011.

International Advisory Committee, XXIIIrd *International Symposium on Lattice Field Theory*, Dublin, Ireland, July 2005.

Program Committee, VIIIth *International Linear Collider Workshop LCWS 2005*, Stanford, California, March 2005.

Co-chair, Organizing Committee, XXIInd *International Symposium on Lattice Field Theory*, Fermilab, June 2004.

International Advisory Committee, XXIst *International Symposium on Lattice Field Theory*, Tsukuba, Japan, July 2003.

Organizing Committee, Workshop on the *Future of Higgs Physics*, Fermilab, May 2001.

Organizing Committee, Vth *International Linear Collider Workshop LCWS 2000*, Fermilab, October 2000.

Organizing Committee, *Symposium in Celebration of the Fixed Target Program with the Tevatron*, Fermilab, June 2000.

Organizing Committee, Workshop on *B Physics at the Tevatron: Run II and Beyond*, Fermilab, July 1999 – January 2002.

Editor (with Paul Mackenzie), *Lattice '88*, Proceedings of the 1988 Symposium on Lattice Gauge Theory, published as *Nucl. Phys. B (Proc. Suppl.)* **9**.