

Brief Curriculum Vitae -- Edmond L. Berger

January 2016

Positions Held

Senior Physicist Argonne National Laboratory, High Energy Physics Division, 1976 - present

Argonne Distinguished Fellow, 1995– present

Adjunct Professor of Physics Michigan State University, 1997 - present

Visiting Scientist Theory Group, SLAC, Stanford, California, 1978–1979

Visiting Staff Member Theory Division, CERN, Geneva, Switzerland, 1972 – 1974; 1983 – 1984; and 1992 – 1993.

Visiting positions at various times at the Kavli Institute in Santa Barbara, the KITPC in Beijing, the National Center for Theoretical Sciences in Taiwan, and elsewhere.

Education

Ph.D., Princeton University, Princeton, N.J., 1965

Bachelor of Science, Massachusetts Institute of Technology (MIT), Cambridge, Mass., 1961

Selected Honors

1987: University of Chicago Award for Distinguished Performance at Argonne

1975: Fellow, American Physical Society

Selected Professional Activities

2015: Chair, Executive Committee, Forum on International Physics, American Physical Society

1990: Chair, Executive Committee, Division of Particles and Fields, American Physical Society

2015: Program Committee, March and April General Meetings of the American Physical Society

2015: Lecturer, International Summer School on Reaction Theory, Indiana University, Bloomington, IN, June 7-21, 2015

2010: Organizer, Aspen Summer Workshop *Forefront QCD and LHC Discoveries*, 5/23 – 6/20

American Physical Society:

2009–2012 and Chair in 2011, Committee on Constitution and Bylaws; 2003–2007, Committee on International Scientific Affairs (CISA); 1991–1997 and Chair 1994–95, Committee on Meetings

2002–2008: Andrew Gemant Award Committee, American Institute of Physics

Member, Coordinated Theoretical-Experimental Project on QCD (CTEQ Collaboration); Organizing Committee, CTEQ Summer Schools, 2011 - present

2005: Co-Chair, Organizing Committee, International Linear Collider Workshop, Snowmass, CO, August 14 – 27

2004: Co-Chair, Aspen Winter Conference on Particle Physics, “Where We Are and Where We Are Going”, Aspen Center for Physics, February 1 – 7

1995–2001: High Energy and Nuclear Physics Advisory Committee, Brookhaven National Laboratory

1991–94: U. S. Department of Energy High Energy Physics Advisory Panel (HEPAP)

1990: Chair, Organizing Committee, 1990 Summer Study on High Energy Physics, “Research Directions for the Decade”, Snowmass, Colorado, June 25 – July 13

1980–1983: Physics Advisory Committee, Fermi National Accelerator Laboratory

Department of Energy Review Committees:

Brookhaven National Laboratory, 1985 and 1992; Stanford Linear Accelerator Center, 1985, 1997, 2000, and 2001; Lawrence Berkeley Laboratory, 1986 and 1989

Scientific Program Organizing Committees for the series of Moriond Rencontres on QCD and High Energy Hadronic Interactions since 1986, and for numerous other national and international workshops and conferences

Publications on Higgs boson physics, perturbative QCD, standard model and beyond-the standard model phenomenology

A list over 300 publications along with citations (h index = 52) may be found with an INSPIRE search under “find a E L Berger”,
http://inspirehep.net/search?ln=en&p=find+a+E+L+Berger&of=hb&action_search=Search.

Contact Information

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