

# Vita

## Davison E. Soper

### **Title:**

Professor, Department of Physics

### **Address:**

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University of Oregon  
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### **Education:**

B.A., Amherst College, 1965  
Ph.D., Stanford University, 1971

### **Academic Positions:**

Princeton University  
Instructor of Physics, 1971-73  
Assistant Professor of Physics, 1973-77  
University of Oregon  
Assistant Professor of Physics, 1977-80  
Associate Professor of Physics, 1980-83  
Professor of Physics, 1983-

### **Professional organizations:**

American Physical Society (Fellow)  
American Association for the Advancement of Science (Fellow)

### **Awards:**

2009 J.J. Sakurai Prize for Theoretical Particle Physics of the American Physical Society, with J.C. Collins (Penn State University) and R.K. Ellis (Fermi National Laboratory) “for work in perturbative Quantum Chromodynamics, including applications to problems pivotal to the interpretation of high energy particle collisions.”

## **Scientific administrative positions:**

Program Director, Oregon Workshop on Super High Energy Physics, 1985

Organizing committee, Annual Meeting of the Division of Particles and Fields, American Physical Society, Eugene, August, 1985

Member, CTEQ Collaboration, organizes topical workshops on particle physics and an annual summer school for postdoctoral research associates in experimental particle physics, 1991-

Director, Institute of Theoretical Science, University of Oregon, 1992-1998

Divisional Associate Editor, Physical Review Letters, 1992-1995

Program Director, Theoretical Advanced Studies Institute summer school for advanced graduates in elementary particle theory, Boulder, Colorado, June 1995

Member of the Editorial Board, Physical Review D, 1998-2000

Co-spokesperson, CTEQ Collaboration, 2001-2004

Head, Department of Physics, University of Oregon, 2004-2007

## **Extended visits at universities, research centers and physics schools:**

1972 School of Subnuclear Physics, Erice, Italy

1973 Aspen Center for Physics

1974 Stanford Linear Accelerator Center

1975 University of Washington

1976 Fermi National Accelerator Laboratory

Stanford Linear Accelerator Center

1977 Aspen Center for Physics

1978 Centre d'Etudes Nucleaires de Saclay, France

1979 Stanford Linear Accelerator Center

1980 Aspen Center for Physics

1981 European Organization for Nuclear Research (CERN), Geneva, Switzerland

1982 Stanford Linear Accelerator Center

1983/84 (sabbatical year) European Organization for Nuclear Research (CERN), Geneva, Switzerland

1984 German Electron Synchrotron Laboratory (DESY), Hamburg, Germany

1985 Institute for Advanced Study, Princeton, NJ

1986 DPF Summer Study of the Physics of the Superconducting Super Collider, Snowmass, CO  
Fermi National Accelerator Laboratory

1987 Workshop on Experiments, Detectors and Experimental Areas for the Supercollider, Berkeley, CA  
Aspen Center for Physics

1988 Program on Quantum Chromodynamics and Its Applications, Institute for Theoretical Physics, Santa Barbara (January - June)

1989 Eidig. Technische Hochschule, Zurich, Switzerland

1990 Eidig. Technische Hochschule, Zurich, Switzerland

1990/91 (sabbatical year) European Organization for Nuclear Research (CERN), Geneva, Switzerland

1991 Eidig. Technische Hochschule, Zurich, Switzerland

1992 Superconducting Supercollider Laboratory, Dallas  
CTEQ Summer School, Mackinaw Island, MI  
Telluride Workshop on Light-Cone QCD

1993 CTEQ Summer School Lake Monroe, IN; Lepton-Photon Conference; Multiparticle Conference

1994 CTEQ Summer School, Lake of the Ozarks, MO  
Gran Sasso National Laboratory, Italy  
DESY Laboratory, Hamburg, Germany

1995 TASI Summer School, program director, Boulder, CO  
CTEQ Summer School, Bad Lauterberg, Germany

- 1996 Conferences and visits to physics centers at Montpellier, Geneva, Zurich, Warsaw and Copenhagen  
SLAC Summer Institute, Stanford, CA
- 1997 CTEQ Summer School, Lake Geneva, WI  
Aspen Center for Physics
- 1998 Appleton-Rutherford Laboratory, Chilton, England  
Eidig. Technische Hochschule, Zurich, Switzerland
- 1998/99 (sabbatical year) European Organization for Nuclear Research (CERN), Geneva, Switzerland
- 1999 Tata Institute for Fundamental Research, Bombay  
Institute of Theoretical Physics , Beijing  
Institute of High Energy Physics, Beijing
- 2000 TASI Summer School, Boulder, CO  
Institute of Theoretical Physics, Beijing
- 2001 CTEQ Summer School, St. Andrews, Scotland  
University of Edinburgh
- 2002 Workshop on TeV Scale Physics, Cambridge
- 2003 European Organization for Nuclear Research (CERN), Geneva, Switzerland  
Eidig. Technische Hochschule, Zurich, Switzerland
- 2004 Program on Collider Physics, Kavli Institute for Theoretical Physics, Santa Barbara (February-March)  
Eidig. Technische Hochschule, Zurich, Switzerland
- 2005 CTEQ Summer School, Puebla, Mexico
- 2006 Eidig. Technische Hochschule, Zurich, Switzerland  
European Organization for Nuclear Research (CERN), Geneva, Switzerland
- 2007 Workshop on Physics at TeV Colliders, Les Houches, France (working group convenor)

- 2008 (six month sabbatical leave) European Organization for Nuclear Research (CERN), Geneva, Switzerland  
Eidig. Technische Hochschule, Zurich, Switzerland  
CTEQ Summer School, Debrecen, Poland
- 2009 CTEQ Summer School, Madison, Wisconsin
- 2010 Aspen Center for Physics (an organizer for the Aspen workshop “Forefront QCD and LHC Discoveries”)  
DESY Laboratory, Hamburg
- 2011 CTEQ Summer School, Madison, Wisconsin  
Galileo Galilei Institute, Florence, Italy
- 2012 Kavli Institute for Theoretical Physics Cinba, Chinese Academy of Sciences, Beijing, China  
CTEQ Summer School, Lima, Peru
- 2013 Eidig. Technische Hochschule, Zurich, Switzerland  
Taiwan, in and near Taipei: Academia Sinica; National Taiwan University; Chung Yuan Christian University  
CTEQ Summer School, Pittsburgh, Pennsylvania
- 2014 Dark matter workshop, Fermilab, Batavia, IL  
Eidig. Technische Hochschule, Zurich, Switzerland  
DESY Laboratory, Hamburg, Germany  
CTEQ Summer School, Beijing, China  
Munich Institute for Astro- and Particle Physics, Munich, Germany
- 2015 Workshop on Physics at TeV Colliders 2015, Les Houches, France  
CTEQ Summer School, Pittsburgh, Pennsylvania