Vita Davison E. Soper

Title:

Emeritus Professor, Department of Physics

Address:

Institute for Fundamental Science University of Oregon Eugene, Oregon 97403-5203

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- (retired 2013)

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. Technishe Hochschule, Zurich, Switzerland
- 1990 Eidig. Technishe Hochschule, Zurich, Switzerland
- 1990/91 (sabbatical year) European Organization for Nuclear Research (CERN), Geneva, Switzerland
- 1991 Eidig. Technishe 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. Technishe 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. Technishe Hochschule, Zurich, Switzerland

2004 Program on Collider Physics, Kavli Institute for Theoretical Physics, Santa Barbara (February-March)

Eidig. Technishe Hochschule, Zurich, Switzerland

2005 CTEQ Summer School, Puebla, Mexico

2006 Eidig. Technishe 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. Technishe 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. Technishe 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. Technishe 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

2016 Kavli Institute for Theoretical Physics, University of California at Santa Barbara, March-June.

LHC Workshop, Erwin Schrdinger Institute, University of Vienna, Austria.

- CTEQ Summer School, DESY, Hamburg, Germany
- 2017 Munich Institute for Astro- and Particle Physics, Munich, Germany CTEQ Summer School, Pittsburgh, Pennsylvania
- 2018 DESY Laboratory, Hamburg, Germany

Aspen Center for Physics

- 2019 Workshop on Physics at TeV Colliders 2019, Les Houches, France DESY Laboratory, Hamburg, Germany
- 2020 No trips because of COVID-19
- 2021 No trips because of COVID-19
- 2022 Workshop "Flowing into the Future: Particle Jets in Quantum Field Theory and Phenomenology," Simons Center for Geometry and Physics, Stony Brook University, Stony Brook, NY
 - Program "High-Precision LHC Physics," Munich Institute for Astro-, Particle and BioPhysics, Munich, Germany
 - Eidig. Technishe Hochschule, Zurich, Switzerland.
- 2023 Workshop on "Theory Challenges in the Precision Era of the Large Hadron Collider," Galileo Galilei Institute for Theoretical Physics, Florence, Italy
- 2024 DESY Laboratory, Hamburg, Germany
 - CTEQ Summer School, Bramsche, Germany