

STEPHEN B. POPE

Sibley College Professor
Sibley School of Mechanical & Aerospace Engineering
Cornell University

DEGREES AWARDED

D.Sc. (Eng.)	University of London	1986
Ph.D.	Imperial College	1976
M.Sc., D.I.C.	Imperial College	1972
B.Sc. (Eng.), A.C.G.I.	Imperial College	1971

PROFESSIONAL EXPERIENCE

Sibley College Professor	1998-
Professor	1987-1998
Associate Professor	1982-1987
<i>Sibley School of Mechanical and Aerospace Engineering Cornell University</i>	
Associate Professor	1981
Assistant Professor	1978-1981
<i>Mechanical Engineering, Massachusetts Institute of Technology</i>	
Research Fellow in Aeronautics	1977-1978
<i>Applied Mathematics, California Institute of Technology</i>	
Post-Doctoral Research Assistant	1975-1977
Research Assistant	1972-1975
<i>Mechanical Engineering, Imperial College of Science and Technology</i>	
Engineering Apprentice,	1967-1968
<i>Mather & Platt Ltd., Manchester</i>	
Visiting Professor:	1998-2005
<i>J.M. Burgers Center, Technical University of Delft, Netherlands</i>	
Director:	1995-2011
<i>TQ Group, Ltd., Nottingham, U.K.</i>	

PUBLICATIONS

Books: *Turbulent Flows*, Cambridge University Press (2000, in 11th printing.)
Archival journal publications: 210 publications; over 10,000 citations; h-index 51.

CONSULTING

Boeing; Exxon; General Electric; General Motors; MIT ; NASA; Rolls-Royce; United Technologies; Fluent Inc.; CD-Adapco.

HONOURS AND AWARDS

Fellow of the American Society of Mechanical Engineers	2014
Propellants and Combustion Award, AIAA	2012
Member of the National Academy of Engineering	2010
Fluid Dynamics Prize, American Physical Society	2009

Fellow of the Society for Industrial and Applied Mathematics	2009
Zeldovich Gold Medal, Combustion Institute	2008
Fellow of the Royal Society	2007
Fellow of the American Academy of Arts and Sciences	2007
Fellow of the Institute of Physics	2004
J.P. and Mary Barger '50 Excellence in Teaching Award, Cornell	1996, 2002
Fellow of the American Physical Society	1991
IBM Supercomputing Competition, First Prize	1990
Overseas Fellow, Churchill College, Cambridge	1989
Associate Fellow, American Institute of Aeronautics and Astronautics	1984
Unwin Postgraduate Prize, Imperial College	1976

PROFESSIONAL SOCIETIES AND SERVICE

American Physical Society:

Division of Fluid Dynamics, Chair 2006-07; Otto LaPorte award committee (chair); Fluid dynamics prize committee; Nominations committee (chair); Fellowship committee (chair); Program committee (chair)

American Institute of Physics:

Physics of Fluids review committee (chair)

American Institute of Aeronautics and Astronautics

American Society of Mechanical Engineers

Combustion Institute:

Board of Directors (2012-)

Program co-chair: 31st International Symposium on Combustion (Heidelberg, 2006)

Colloquium co-chair (1998, 2000, 2004, 2010)

Eastern States Section: Executive Board, Nominations committee

International Workshop on Measurement and Computation of Turbulent Nonpremixed Flames

Organizing committee

Society for Industrial and Applied Mathematics

JOURNALS

Combustion and Flame, *Editorial Board*, 1998-2004, *Special Issue Editor*, 2005

Combustion Theory and Modelling, *Editor*, 1996-

Flow, Turbulence and Combustion, *Editorial Board*, 1998-

International Journal of Engineering Science, *Editorial Board*, 1987-95

Physics of Fluids, *Associate Editor* 1989-2014, *Editorial Board* 2014-

Progress in Energy and Combustion Science, *Editorial Board*, 1996-2002

DISTINGUISHED LECTURES (1999-)

Combustion Institute, Eastern States Section, *Plenary lecture* (1999)

Second Int'l Symp. on Turbulence and Shear Flow Phenomena, *Plenary lecture* (2001)

The Langley Colloquium, NASA Langley (2002)

Computational Fluid Dynamics in Chemical Reaction Engineering III, *Plenary lecture* (2003)

Tenth European Turbulence Conference, *Plenary lecture* (2004)

International Symposium on Combustion, *50th anniversary lecture* (2004)

Rutgers University, *Merck Distinguished Lecturer* (2005)

University of Maryland, *Leaders in Mechanical Engineering Lecture* (2005)

Pennsylvania State University, *Air Products Distinguished Lecture* (2007)

Burgers Center, Delft, Netherlands, *Burgers Lecture* (2008)

American Physical Society, Division of Fluid Dynamics, *Otto Laporte Lecture* (2009)

Combustion Institute, *Hottel Lecture*, 34th International Combustion Symposium (2012)

Stanford University, *William Reynolds Memorial Seminar* (2013)

Australasian Fluid Mechanics Conference, *Plenary lecture* (2014)