

Personal Data:

Birth Date 1952
Birth Place Bayburt, Türkiye

Address:

6113 Etcheverry Hall
Department of Mechanical Engineering
University of California at Berkeley
Berkeley, CA 94720-1740
tel: (510) 642-5705, fax: (510) 642-6163, e-mail: savas@me.berkeley.edu

Education:

Ph.D. Aeronautics, June 1979
California Institute of Technology, Thesis Supervisor: Prof. Donald E. Coles
M.S. Aeronautics, June 1975
California Institute of Technology
B.S. Mechanical Engineering, June 1974
Orta Doğu Teknik Üniversitesi, Ankara, Türkiye
High School Diploma, June 1969
Yıldırım Bayazıt Lisesi, Ankara, Türkiye

Employment:

Faculty, September 2011 - present
Lawrence Berkeley Laboratory
Professor, July 1997 - present
Associate Professor, January 1991 - June 1997
Department of Mechanical Engineering, University of California at Berkeley
Associate Professor, August 1987 - December 1990
Assistant Professor, August 1981 - August 1987
School of Aerospace and Mechanical Engineering, The University of Oklahoma
Instructor, January 1981 - July 1981
Department of Mechanical Engineering, Orta Doğu Teknik Üniversitesi, Ankara, Türkiye

Research Interests:

Aircraft Wake Vortices	Flow Visualization	Turbulence
Artificial Photosynthesis	Hydrophobic Drag Reduction	Turbulent Discharge
Biofluid Dynamics	Instrumentation	Unsteady Aerodynamics
Boundary Layers	Laminar and Turbulent Flames	Vascular Devices
Cloud Physics	Rotating Flows	Vortex Dynamics & Stability
Drag Reduction	Rotorcraft vortex dynamics	Wave Energy

Affiliations:

American Physical Society, Life Member, Fellow
American Institute of Aeronautics and Astronautics, Life Member, Associate Fellow

Honors:

Doctoral Fellow, NATO
Associate Fellow, AIAA
A. D. Welliver Fellow, The Boeing Company
Fellow, American Physical Society
Abe M. Zarem Educator Award, AIAA
Plume Team, Flow Rate Technical Group (FRTG), National Incident Command
Deepwater Horizon Oil Spill, Gulf of Mexico, April 2010.
Director's Award for Exemplary Service to the Nation, USGS, 2010