

# Alexander J. Smits

Professor of Mechanical and Aerospace Engineering  
Director, Gas Dynamics Laboratory  
Ph.D., University of Melbourne, Australia, 1975



## Research Interests

Professor Smits's research interests are centered on fundamental experimental research in turbulence and fluid mechanics. Particular aspects include the behavior of turbulent boundary layers; Mach and Reynolds number effects on turbulence; shockwave/turbulent boundary layer interactions; flow control; Taylor-Couette flows; fluid-structure interaction; sports ball aerodynamics and the development of new and improved measurement techniques. He is currently an associate editor of the Journal of Fluid Mechanics and the Journal of Turbulence. He is chief editor, <http://www.efluids.com>, a specialty Web portal for students and researchers in fluid dynamics.

## Areas of Expertise

Turbulence, fluid mechanics

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