

## Hafiz M. Atassi

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### Professional Experience

- University of Notre Dame: *Viola D. Hank Chair Professor of Aerospace and Mechanical Engineering.*
- University of Notre Dame, 8/1987 – 8/1997 : *Director, Center for Applied Mathematics.*
- Purdue University, 9/1987 – 8/1995 : *Adjunct Professor, School of Mechanical Engineering.*
- Centre National de la Recherche Scientifique and University of Lyon, Lyon, France, 5/1988- present (May-June): *Visiting Professor.*
- NASA Lewis Research Center, 9/1983 – 9/1984 : *Addison P. Rothrock Distinguished Scientist.*

### Education

- University of Paris, Paris, France : *Doctoral Degree in Engineering (Sorbonne), 1966.*
- Ecole Centrale de Paris, Paris, France : *Diploma in Mechanical Engineering, 1963.*
- University of Paris, Paris, France : *Licence ès Sciences, June 1963.*

### Honors and Awards

- *Raleigh Lectureship*, American Society of Mechanical Engineers. (2004).
- *Lewis F. Moody Award*, American Society of Mechanical Engineers. (2001).
- *Aeroacoustics Award*, American Institute of Aeronautics and Astronautics. (2000).
- *Fellow of the American Institute of Aeronautics and Astronautics.* (1997).
- *International Aircraft Fund Award*, University of Tokyo, Tokyo, Japan (1996).
- *Chevalier de l' Ordre des Palmes Académiques*, Office of the Prime Minister of France, Decree of July 16, 1993.
- *Chairman, International Symposium on Unsteady Aerodynamics, Aeroacoustics and Aeroelasticity in Turbomachines*, Notre Dame, IN (9/1991).
- *Fellow of the American Society of Mechanical Engineers* (1989).
- *Addison P. Rothrock Distinguished Scientist*, NASA Lewis Research Center (9/1983-9/1984).

### Research Activities

Professor Atassi has been teaching and conducting basic and applied research in fluid mechanics, aerodynamics, aeroacoustics, aeroelasticity, hydroacoustics, structural acoustics, fluid/structure interaction, applied and computational mathematics. He has made seminal contributions in unsteady high speed flow phenomena and aero-hydroacoustics which have led to advanced modeling and control of aircraft engine and submarine propulsion components and noise. He is the author of more than 170 technical papers and has given more than 80 invited lectures in North America, Europe and Japan. He is a member of the editorial board of American Institute of Aeronautics and Astronautics. Professor Atassi is the founding director of Notre Dame Center for Applied Mathematics. He directs a group of post-doctoral researchers and graduate students at Notre Dame Hessert Center for Aerospace Research. His research is currently funded by NASA, the U.S. Office of Naval Research, the National Science Foundation, and Pratt and Whitney. He also closely collaborates with scientists and engineers at NASA Glenn and Langley Research Centers, the U.S. Navy David Taylor Research and Development Center, the Air Force Academy, Purdue University, Pratt and Whitney, the Ecole Centrale at the University of Lyon (France) and the Centre National de la Recherche Scientifique (France) where he is frequently a visiting professor.

### Current Consulting and Advisory Activities

- NTI Corporation, Bethesda, MD.
- Applied Physical Sciences, New London, CT.
- Pratt & Whitney, Hartford, CT.
- NASA and Industry Aeroacoustics Consortium, Ohio Aerospace Institute, Cleveland, OH.