



DIMITRIS A. SARAVANOS

Professor

Structural Mechanics and Smart Materials Lab,
Applied Mechanics, Materials and Biomechanics Section
Department of Mechanical Engineering & Aeronautics,
University of Patras, Patras, GR26500
GREECE

Tel: +30-2610-969437, Fax: +30-2610-992644,

e-mail: saravanos@mech.upatras.gr,

<http://saam.mech.upatras.gr>



Biosketch: Dr. Saravanos is a Professor at the Dept. of Mechanical Engineering & Aeronautics of the University of Patras (1999-date), where he teaches the courses in the areas of Finite Element Analysis, Structural Analysis, Structural Dynamics, Composite Mechanics and Introduction to Computer Science. He has established and heads the research group of Structural Mechanics and Smart Materials.

Prior to joining the University of Patras, he worked for 10 years (1988-1999) as a Researcher in the Structural Mechanics and Structural Dynamics Branches of the Structures Division at the NASA Glenn Research Center in Cleveland, Ohio.

He holds a Ph.D. in Mechanical Engineering from the Pennsylvania State University (1988), a Masters in Engineering from Stevens Institute of Technology and a B.S. in Mechanical Engineering from the National Technical University of Athens.

His research interests are focused in the areas of computational structural mechanics, structural dynamics, smart materials, adaptive and morphing structures, structural health monitoring, mechanics of composite materials and structures, and nanomechanics and nanocomposites, with emphasis on applications on wind turbine rotors and aeronautics. He has published over 150 journal articles and conference papers and has received research support from EU (frameworks 5, 6 and 7), national programs, and from NASA and EOARD/AFOSR for projects in the fields of aeronautics/aerospace and wind energy.

He is an Associate Editor of the Wind Energy Journal and of the Journal of Aerospace Science and Technology and served as Associate Editor in the J. of Intelligent Materials, Systems and Structures. He is an Associate Fellow of AIAA, member of the AIAA Adaptive Structures Committee, and member of the scientific committees of the International Conference of Adaptive Structures Technologies (ICAST) and the European Workshop of SHM (EWSHM).

Dr. Saravanos was the advisor of the best European Ph.D in Wind Energy (2012) awarded by the European Wind Energy Academy, and recipient of team Achievement Awards (1990, 1993, 1995, 2001) and Space Act Award (2000) at NASA Glenn Research Center.

For more: <http://saam.mech.upatras.gr>