



Prof. John Ekaterinaris

- B.S Mechanical Engineering, Aristotle University of Thessaloniki, 1972 - 1977.
- M.Sc. Scholl of Mechanical Engineering GaTech, 1983
- Ph.D. School of Aerospace Engineering GaTech 1987,
- Currently professor of Aerospace Engineering at Embry Riddle Aeronautical University (ERAU) Daytona Beach, FL.

Employment History

- Between the years 1987 – 1995, worked at the Numerical Aerodynamics Simulation branch of NASA–Ames Research Center at Moffett Field, CA. At the same time he was faculty at the Naval Postgraduate Scholl at Monterey, CA.
- He then worked at RISOE/DTU in Denmark between 1995 -1977 in wind energy related research.
- He return to California in 1977 to join Nielsen Engineering and Research where he performed research through the SBIR program AFOSR and for NASA.
- In Oct. 2000 he took the Research Director position of the Institute of Applied and Computational Mathematics at FORTH, where he remained until 2005. At FORTH he carried out research for both National and European projects with the help of postdoctoral fellows and PhD students he supervised.
- In Sept. 2005, he joined the faculty of Mechanical and Aerospace Engineering at the University of Patras where he continued caring out funded research with the help of PhD students and postdoctoral fellows. Between 2000 and 2012 taught undergraduate and graduate courses both at the school of Applied Mathematics of the University of Crete and the University of Patras. During the years 2005-2012 he focused on the development of numerical methods in computational mechanics through the participation in large European research projects, and more basic research funded by the European Space Agency (ESA), the London offices of AFOSR, and ARO.
- He joined the faculty of Aerospace Engineering of Embry-Riddle Aeronautical University in August 2012 where he is teaching and performing research until now.

His research interests are computational mechanics (including aerodynamics, magnetogasdynamics, flow control, flow transition, turbulence research, and flow structure interaction), multi-scale phenomena, stochastic PDE's, and biomechanics. He is author of over 80 journal papers and many conference publications. The impact of his work in the fields he worked can be found in a study that has been conducted recently <https://elsevier.digitalcommonsdata.com/datasets/btchxktzyw/4>. In this study an international list was made of the world's top 2% of scientists recognized for their career scholarly impact (excluding self-citations). There are 1,065 names in the top 2% Aerospace Engineering discipline and Dr. Ekaterinaris was ranked number 200 in this 2021 yearly impact list. He is associate editor for the Journal Progress in Aerospace Sciences and editor in chief for the Journal Aerospace Science and Technology.