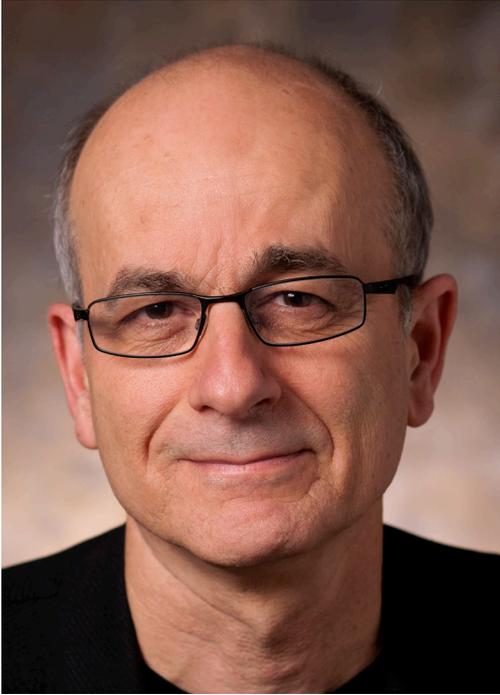


# Professor Eli Livne

*Boeing Endowed Professor of Aeronautics & Astronautics at the William E.*

*Boeing Department of Aeronautics and Astronautics, University of Washington*



Professor Eli Livne is the Boeing Endowed Professor of Aeronautics & Astronautics at the William E. Boeing Department of Aeronautics and Astronautics, University of Washington, Seattle. He holds B.Sc. (1974) and M.Sc. (1982) degrees in aeronautical engineering from the Technion, Israel Institute of Technology, and a Ph.D. (1990) in aerospace engineering from the University of California, Los Angeles. After obtaining his undergraduate degrees he served in the Israeli Air Force in research and development roles, eventually founding its aeroelasticity / structural dynamic section. He led the Israeli Air Force's Aeroelasticity / Structural Dynamics / Vibration group for ten years, working on the aeroservoelastic and other design aspects of numerous aircraft and aircraft / stores systems, including the F4E, F15, Israel Aircraft Industries Kfir C2 and Lavie fighters, and the F16. He was the head of the R&D engineering team that brought the first F16s to Israel and led the development of engineering analysis / modification capabilities for that airplane. After graduating UCLA Prof. Livne joined the faculty of the Department of Aeronautics and Astronautics at the University of Washington in 1990.

Over the course of his academic career Prof. Livne has continued extensive collaboration with government, industry, and defense organizations. Highlights of these collaborations include structural and aeroelastic optimization and lightweight airframe design with Boeing Commercial Aircraft, membership on the NASA-Boeing High Speed Civil Transport (HSCT) Aeroelastic Concept Evaluation Team and the Boeing HSCT Aeroservoelastic working group, and contributions to industry / government wind tunnel aeroelastic tests of highly nonlinear flight vehicle configurations.

Prof. Livne heads the airplane design education and research program at the University of Washington. His research interests cover aeroelasticity, aeroservoelasticity, multidisciplinary flight vehicle optimization, aircraft design, aerospace structures, structural optimization, and structural dynamics. He was an associate editor for the AIAA Journal and a guest editor for a Journal of Aircraft special section on MDO. He was one of the launch section editors for the Encyclopedia of Aerospace Engineering and is currently the Editor-in-Chief of the AIAA's Journal of Aircraft. Professor Livne is a Fellow of the AIAA.