

Prof. Dimitri Mavris

[Georgia Tech's School of Aerospace Engineering](#) | Boeing Chaired Professor of Advanced Aerospace Systems Analysis

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Dimitri Mavris earned his B.S. (1984), M.S. (1985), and Ph.D. (1988) in Aerospace Engineering from Georgia Tech. He is the Boeing Chaired Professor of Advanced Aerospace Systems Analysis in Georgia Tech's School of Aerospace Engineering, Regents Professor, and an S.P. Langley NIA Distinguished Professor. He is the Director of the Aerospace Systems Design Laboratory (ASDL) and Executive Director of the Professional Master's in Applied Systems Engineering program. Prof. Mavris is a Fellow of the American Institute of Aeronautics and Astronautics (AIAA) and a Fellow of the Royal Aeronautical Society. He is President of the International Council of the Aeronautical Sciences.

Prof. Mavris' expertise is in analysis, design, and architecting of complex systems. Prof. Mavris has pioneered multi-disciplinary design integration and optimization, system architecting, probabilistic design, quantitative technology forecasting, and design space exploration. ASDL's research program supports 50 Research Engineers and 250 graduate students. He has served as PI on 425+ studies funded by government and industry organizations. He serves as the site director for two FAA Centers of Excellence (COE): Alternative Jet Fuels & Environment and Partnership to Enhance General Aviation Safety, Accessibility, and Sustainability. He is the Principal Investigator for the Siemens COE for Simulation and Digital Twin and the Airbus COE for Model Based System Engineering-Enabled Digital Overall Aircraft Design.