

GREG V. MEHOLIC

SENIOR PROJECT LEADER

CIVIL SYSTEMS TECHNOLOGY



Greg V. Meholic is a senior project leader for Civil Systems Technology at The Aerospace Corporation, the only federally funded research and development center (FFRDC) dedicated to the nation's space enterprise. He joined Aerospace in 2001.

In his current role, Meholic is the technical coordinator for Aerospace activities supporting cross-agency (e.g., DARPA, NASA, AFRL) projects associated with fission-based space nuclear propulsion and power. Since 2008, his portfolio has included launch vehicle concept development and advanced propulsion technology planning for future access to space, with a focus on next-generation, far-term propulsion concepts and vehicle systems. Meholic has served as the Aerospace technical manager for projects associated with reusable launch systems, rocket engine performance and stability software development, suborbital flight experiment campaigns, space nuclear propulsion and power initiatives, and several technology assessment activities.

From 2001 to 2008, Meholic supported more than 48 space launch missions as the upper stage propulsion lead. While in this position, he performed detailed technical analyses and gained system-level knowledge and experience to become an expert in heritage, current, and future space access systems; the design, performance and testing of large rocket engines; and the technical assessment of alternative, advanced, or emerging technologies.

Prior to joining Aerospace, Meholic spent six years with General Electric Aircraft Engines, where his main focus was preliminary and advanced gas turbine design and alternative air-breathing propulsion systems. He has four patents related to his work on those systems. From 2005 to 2020, Meholic was an adjunct educator at Loyola Marymount University (Los Angeles), where he taught a senior/graduate-level course in propulsion systems for both aircraft and spacecraft.

Meholic is an avid private pilot with more than two decades of experience, and is also a certified flight instructor.

Education

Meholic earned a bachelor's and a master's degree in aerospace engineering from Embry-Riddle Aeronautical University.

Affiliations

Meholic is a 25-year member and associate fellow of the American Institute of Aeronautics and Astronautics (AIAA). He is an active member and former chair of AIAA's Nuclear and Future Flight Propulsion Technical Committee, and is an active member of two other AIAA propulsion-related technical committees. As a distinguished speaker for AIAA, Meholic is regularly invited to speak to student and regional chapters around the country on advanced space propulsion systems, and he has been a guest on several science and technology-oriented internet and radio broadcasts.

The Aerospace Corporation
P.O. Box 92957
Los Angeles, CA 90009-2957
310.336.5000
www.aerospace.org

To schedule an interview, contact
mediaqueries@aero.org
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