



AEROSPACE ENGINEERING SCIENCES

Seminar



Richard Barhydt

Deputy Director, Transformative Aeronautics Concepts Program
NASA Aeronautics Research Mission Directorate

NASA Aeronautics Research – Key Challenges and Contributions

NASA's Aeronautics Research Mission Directorate pursues new concepts and technologies that enable safe, efficient, and environmentally sustainable air transportation. Responding to a growing demand for high speed mobility and energy conservation, as well as the rapid convergence of technologies, NASA research addresses both national and global challenges. Current efforts include new aircraft designs that can significantly reduce fuel consumption and noise, more integrated airspace systems that will reduce flight delays, and new concepts that can transform aviation. This talk will give an overview of major research challenges and ongoing NASA contributions that are meeting the needs of U.S. industry, other government agencies, and the traveling public.

Friday, January 15, 2016
2:00 – 3:00 pm
DLC Bechtel Collaboratory

Biography:

Richard Barhydt is the Deputy Director of the Transformative Aeronautics Concepts Program within the NASA Aeronautics Research Mission Directorate. Based at NASA Headquarters in Washington, he manages a research program that provides cutting edge tools and technologies and explores the early feasibility of potentially game-changing ideas. Richard received a M.S. in Aeronautics and Astronautics from the Massachusetts Institute of Technology in 1997 and a B.S. in Aerospace Engineering from the University of Colorado in 1995. He is also an instrument-rated commercial pilot and flight instructor for single-engine aircraft.