

## Dr. George Schmidt

### Deputy Director, Research and Technology Directorate, NASA Glenn Research Center



Dr. George Schmidt is the Deputy Director of Glenn's Research and Technology Directorate, which conducts a broad range of research and technology development projects in space propulsion, aeropropulsion, power, communications, materials and structures, instrumentation and physical sciences.

Prior to this assignment, Dr. Schmidt served as Manager of the Propulsion Research Center at Marshall Space Flight Center, where he led a variety of cutting-edge research projects covering a broad range of advanced propulsion technologies. He also served as Deputy Manager of Marshall's Test Laboratory, where he assisted in directing operation of 40 major rocket, vacuum and structural test facilities. Dr. Schmidt spent several years at NASA Headquarters serving as the Program Executive for Nuclear Power Systems, and oversaw development of the Advanced Stirling Radioisotope Generator (ASRG) and other nuclear power technologies for NASA space science missions. Dr. Schmidt started his NASA career in 1989 leading research and technology projects focused on cryogenic fluid management. Prior to that, he worked at Booz-Allen & Hamilton and Boeing Aerospace supporting NASA efforts on International Space Station and Orbital Transfer Vehicles.

Dr. Schmidt earned his B.S. and M.S. degrees in Mechanical Engineering from Stanford University, an M.S. degree in Aeronautics and Astronautics from the University of Washington, and a Ph.D. in Mechanical Engineering from the University of Alabama in Huntsville, where he was an adjunct professor and taught a course in advanced propulsion. Dr. Schmidt is a member of the American Institute of Aeronautics and Astronautics (AIAA) and has served on several of its technical committees, including chairing the Nuclear and Future Flight Propulsion Technical Committee. He holds a patent and has authored over 70 publications in the areas of space propulsion, cryogenic and microgravity fluid mechanics, and nuclear power and advanced high-energy propulsion.