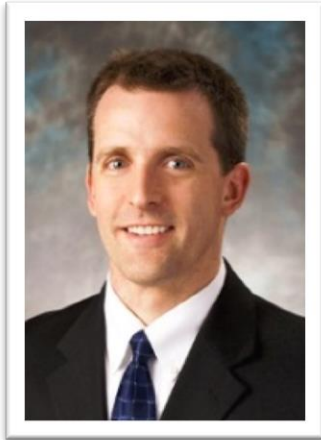


Dr. Paul Van Slooten **Senior Director – Thermal & Fluid Sciences**



BIOGRAPHICAL PROFILE

Paul Van Slooten, Ph.D., leads the Thermal and Fluid Sciences (TFS) Department at United Technologies Research Center (UTRC). In this role, he promotes the development of state-of-the-art capability in the disciplines of acoustics, aerodynamics, combustion, fluid dynamics, heat transfer and thermodynamics by fostering innovative and strategic initiatives that impact technologies of relevance to United Technologies Corporation (UTC). He is responsible for enhancing a world-class organization that includes more than 100 research engineers and technicians and experimental and computational facilities.

Van Slooten joined UTRC in 1997 as a Senior Research Engineer in the Combustion Technology Group, working in the fields of turbulent combustion and combustion dynamics. He subsequently held positions of growing responsibility as a Principal Investigator for industrial gas turbine combustor and military aircraft engine augmentor projects. He became the Group Leader of the Aerodynamics Group in 2003, where he led capability development in computational, analytical and experimental aerodynamics for turbomachinery, rotorcraft, inlets/nacelles and compressor systems. Currently, he co-leads the UTC High Performance Computing Working Group, is a member of the UTC Technical Software Council, and has participated on Pratt & Whitney One-Company teams for Combustors, Compressors, and Computational Methods. He received a NASA Group Achievement Award for Active Combustion Control.

Van Slooten received his Ph.D. (1997) in mechanical engineering from Cornell University, Ithaca, New York, with a thesis on rapid-distortion based turbulence models for particle Probability Density Function (PDF) methods, and his M.S. (1993) and B.S. (1992) in mechanical engineering from the State University of New York (SUNY) at Buffalo with an M.S. thesis on boundary element methods for acoustic enclosures.