

## **Dr. Jeffrey M. Cohen** **Fellow, Aerothermal Disciplines**

### **Biographical Profile**



As Fellow, Thermal and Fluid Sciences Department, United Technologies Research Center (UTRC), Jeffrey Cohen, Ph.D., is responsible for the development and use of experimental capability in aerothermal disciplines: combustion and fluid mechanics. Prior to his current position, he served as Aerodynamics Manager, Combustor and Augmentor Advanced Technology Group, Pratt & Whitney. Since joining UTRC in 1987, he has held several positions, including Special Assignment Project Leader, Pratt & Whitney Augmentor Team; Group Leader, Energy Systems; Group Leader, Dynamics of Reacting Flows; and Senior Research Engineer, Combustion Technology.

Cohen's many awards and honors include two ASME IGTI Combustion and Fuels Committee Best Paper Awards (2009, 2013); the Pratt & Whitney Luke Hobbs Innovation and Technology Award (NASA ERA Combustor team), 2015; ASME Fellow, 2011; AIAA Sustained Service Award (2007); the UTRC Operational Excellence Award (2014) and four UTRC Outstanding Achievement Awards (1997, 2004, 2005, 2010). He has been published in two book chapters, sixteen journal publications, and over forty conference and invited presentations. Cohen holds eight U.S. patents in the area of gas turbine combustion and has eleven U.S. patents pending.

Cohen is a Fellow, ASME; Associate Fellow, AIAA; member, Institute for Liquid Atomization and Spraying Systems (ILASS); and reviewer for several noted journals: *AIAA Journal of Propulsion and Power*, *AIAA Journal*, and *ASME Journal of Engineering for Gas Turbines*, and *Power and Combustion Science and Technology*.

Cohen earned his B.S., M.S. and Ph. D. degrees in mechanical engineering from the University of Connecticut, Storrs, Connecticut.