

**Dr. Catalin G. Fotache**  
**Sr. Director, Pratt & Whitney Program Office**



**BIOGRAPHICAL PROFILE**

Dr. Catalin Fotache is Senior Director, Pratt & Whitney Program Office at United Technologies Research Center (UTRC). UTRC is the corporate R&D center for United Technologies (UTC), a \$67B (2018) company that includes world leaders such as Pratt & Whitney, Collins Aerospace, Carrier, and Otis. In this position, Catalin provides technical and business leadership for all Pratt & Whitney activities at UTRC, with a focus on delivering technology-based solutions and identifying opportunities for next generation aircraft propulsion systems and technologies.

Catalin joined UTRC in 1997, and has since taken on roles of increasing responsibility, including Principal Investigator for projects in the Pratt & Whitney Program Office; Project Leader in the Hamilton Sundstrand Program Office; Group Leader for

Combustion; and Business Strategy Manager in the Innovation Business Development (IBD) group. Catalin was appointed Principal Advisor for Innovation to the Directorate General Research by European Commission President José Manuel Barroso in 2010.

Catalin has authored more than 30 publications and conference papers, holds nine patents, and sits on the Combustion, Fuels, and Emissions Technical Committee of the American Society of Mechanical Engineers' (ASME) International Gas Turbine Institute. He is a member of ASME, the Combustion Institute, and the American Institute of Aeronautics and Astronautics (AIAA).

Catalin earned a Bachelor's degree in mechanical and aerospace engineering from the Polytechnic Institute of Bucharest, Romania; Master of Arts and Ph.D. degrees in Aerospace Engineering from Princeton University, Princeton, New Jersey; and an Executive Master of Business Administration degree from Columbia University, New York, New York.