

## **Dr. Catalin Fotache**

### **Chief Scientist and Technical Advisor for Propulsion Systems**



Dr. Catalin Fotache is the Chief Scientist and Technical Advisor (CSTA) for Propulsion Systems in the Office of Senior Technical Experts (AIR-20). In his role, he leads and collaborates within the FAA to promote the highest possible level of aerospace safety related to engines and propulsion systems, including turbine and reciprocating engines, electric and hybrid-electric propulsion systems, and high-speed (supersonic) propulsion systems.

Dr. Fotache's aerospace propulsion engineering experience spans more than three decades. He spent more than two decades with the United Technologies Research Center (UTRC), serving multiple positions from Project Leader to Group Manager and Senior Strategy Manager, and later served as Senior Director, leading strategy, execution, and delivery of all R&D programs for Pratt & Whitney at UTRC. Dr. Fotache leveraged this expertise as an independent consultant for several large companies to increase their engineering effectiveness and grow through innovation. Most recent engagement involved setting up an R&D center in the EU for a major aerospace company.

Throughout his career, Dr. Fotache has served on boards at multiple universities, committees, and institutes, as well as several professional affiliations. He holds ten issued patents, four pending, and has authored more than 30 publications. He is fluent in English, Romanian, French, and Italian.