Presenting Author's Biography

Presentation Title: Environmentally-Friendly Fire Suppression System for Cargo using Innovative Green Technology

Presenting Author's Name and Title: Dr Michael Stefanis (AKA Michail Diakostefanis)

Dr Michael Stefanis is a Lecturer in Gas Turbine Engine Systems Engineering and Testing at Cranfield University. He joined Cranfield University as a Research Fellow in 2014, after completing a PhD in Gas Turbine engineering at the Centre for Propulsion and Thermal Power Engineering at Cranfield University. He is currently working on gas turbine performance monitoring, diagnostics, instrumentation and systems integration. He is actively participating in experimental projects involving aero and industrial gas turbines. For 3 years he was involved in the development of a Clean Sky 2 funded project, regarding the design of an alternative fire suppression system for Halon replacement in aircraft cargo compartments (EFFICIENT project). Since 2018 he has been involved in cargo compartment fire suppression research.

Dr Stefanis started his career as an Aeronautical Engineer of the Hellenic (Greek) Airforce, after graduating with honours from the Hellenic Air Force Academy, in Athens Greece in 1994. He completed 21 years of service in the Airforce where amongst others he headed dedicated teams for performance monitoring of different types of aero Gas Turbines and served as a flight engineer. In 2009 he obtained his MSc degree with distinction in Gas Turbine Technology, having successfully completed the Thermal Power MSc course at Cranfield University and a dissertation in Gas Turbine diagnostics.