

Key research themes:
Composite Materials

SHORT LIST

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Category: Airborne

Country: Greece

Dr Tserpes has contributed significantly to the research at EU level for the certification of primary composite bonded structures. Research into the design of crack stoppers in composite bonded joints in BOPACS (Boltless assembling Of Primary Aerospace Composite Structures, 2012-16) has transferred to the design of primary welded thermoplastic structures via a pair of Clean Sky 2 projects TAILTEST (Development of a multipurpose test rig and validation of an innovative rotorcraft vertical tail, 2019-23) and TORNADO (innovative disbond arrest features for long thermoplastic welded joints, 2021-22). The outcome will be more cost efficient and sustainable design of aircraft through the promotion of the use of composites and adhesive joining.