



Giuseppe Dell'Anno
Chief Engineer, National Composites Centre

Presentation Title: Future-proofing UK Composite Manufacturing

Dr Giuseppe Dell'Anno has been appointed recently as Chief Engineer at the NCC, after spending a few years leading the Advanced Composite Manufacturing group in the same establishment. He is a recognised expert in the fields of Through-Thickness Reinforcement, Damage Tolerance, Automated Fibre Placement and 3D weaving. He is specialised in performance assessment, failure mechanics identification and structural characterisation of composites with complex fibre architecture. He is experienced in advanced composite manufacturing methods, including toughening methods for long-fibre reinforced composites, RTM, liquid composite moulding, prepregging and thermoplastic composites preparation. His recent posts included an Academic Fellowship in Damage Resistant Composite Structures in Cranfield University and a Senior Application Engineer role in the composite manufacturing industry. In recent years, he has taken part in several research programmes involving the manufacturing of real-size aerospace composite prototypes, such as a fully functional UAV and the tail-cone structure of a composite-based aircraft, adopting and developing advanced composite manufacturing methods.