



BENJAMIN DUTTON

TECHNICAL SPECIALIST



BEN DUTTON | MTC

Dr Ben Dutton is a Technical Specialist at the MTC with 16 years' experience in NDT. He possesses a valuable combination of academic and industrial experience with proven expertise in integrating design and manufacturing functions. His PhD was in laser ultrasound and EMAT's (both non-contact ultrasonic methods) but through his professional career he has gained experience in most NDT methods (contact ultrasound including phased array, X-ray radiography and computed tomography, eddy current, thermography and shearography).

As a Technical Specialist at the MTC, he is leading projects where in-situ inspections are required for PBF, DED and laser welding. He is also very active in post build NDT inspection projects mainly for AM, and leads the quality for AM standards strategy at the MTC. He has been involved in projects in the following sectors: Aerospace, Space, Automotive, Transportation (Rail) and Medical. Project portfolio includes single client, MTC CRP (Core Research Program), UK government supported such as Innovate UK and European such as H2020. He is very actively leading and participating in the development several international NDT standards for AM. Finally, he is part of the ASTM AM Center of Excellence team at the MTC.