

Andrew Norman

Dr Norman obtained his PhD from the University of Surrey, UK, in 1991, specialising in advanced aluminium-lithium alloys. He subsequently held research positions at the Universities of Cambridge and Manchester, where his work focused on the welding of aluminium alloys for aerospace applications. In 2003, he joined Corus Aluminium (now part of Novelis), where he led the aerospace research team responsible for the development of aluminium sheet and plate products for major customers, including Airbus and Boeing.

He joined the European Space Agency (ESA) in 2010 at the European Space Research and Technology Centre (ESTEC) in the Netherlands. During his early years at ESA, he provided expert support for the selection of materials and processes for space applications, with a particular focus on welding technologies. He currently serves as Technology Coordinator within the Mechanical Department, where he focuses on the development of advanced manufacturing technologies and their application to space systems. He is a co-author of the ESA Technology Vision 2040 and has a strong interest in the development of novel metallic alloys for additive manufacturing. Dr Norman has authored or co-authored more than 80 articles published in international journals and conference proceedings.