Professor Martin Jackson

Professor of Advanced Metals Processing, The University of Sheffield, Henry Royce Institute Core Area Champion, Advanced Materials Processing

After obtaining an M.Eng (First) from The University of Sheffield, Martin Jackson initially followed an aerospace materials career working for Rolls-Royce before studying for his PhD at Imperial College London – "predicting microstructural evolution during forging of Ti alloys (EPSRC/QinetiQ)". Between 2001 and 2005 he worked as a Research Associate at Imperial on projects such as "high strain rate superplasticity in Al alloys (EPSRC)" and "the production of Ti Alloys via the FFC Cambridge process (ONR/DARPA)". In 2005 he was awarded a Royal Academy of Engineering/EPSRC Research Fellowship and moved back to the department in 2008. Martin was appointed to Senior Lecturer in 2011, Reader in Metals Processing in 2017, Professor in 2019 and is UK representative on the World Titanium Committee.

Tavs Jorgensen

Ceramist & Associate Professor, Centre for Fine Print Research, University of West of England

Tavs will be speaking at the Materials and Design Exchange Lightning Talks session on Day 1 of MRE. Tavs Jorgensen is Associate Professor at the Centre for Fine Print Research, University of the West of England. Jorgensen's research explores the design and innovation potential presented by new digital fabrication technologies - particularly within the glass and ceramics mediums. He is currently investigating ceramics extrusion processes for architectural applications and the use of 3D printing technology for glass production.

Ajay Kapadia

Knowledge Transfer Manager, Composites, Knowledge Transfer Network

Ajay is an integral member of the Materials team at KTN. He has been working with composite materials for about 20 years across a number of industry sectors, including aerospace, oil and gas, construction and marine. He specialises in process development stage of manufacturing, and prior to joining KTN, he established a composites programme at TWI. Ajay holds a Master's degree in Advanced Manufacturing Systems.