

## 2016 Cohort

Student	Title	Lead Supervisor	Industrial Partner
Sam Armson	The importance of grain nucleation versus growth in the evolution of oxides in Zr alloys	Philipp Frankel, Michael Preuss	Rolls-Royce
Ioannis Bellos	Understanding the Effects of Banded Microstructures in Material Addition Repairs for Aerospace Components	Phil Prangnell, João Fonseca	Rolls-Royce
Beatriz Fernandez Silva	Investigating the effect of thermomechanical processing on microtexture in Ti834 compressor disc alloy	Brad Wynne, Martin Jackson	Rolls-Royce
Alex Garrett	Simulation of precipitate formation under irradiation in low-alloy pressure vessel steels via novel manufacturing	Chris Race, Grace Burke	Rolls-Royce
Liam Hardwick	Development of Novel Nickel Brazing Alloys	Russell Goodall, Ed Pickering	VBC Group
Alistair Lyle	Printability Maps for Additive Manufacture of Nickel Aerospace Component	Iain Todd, Phill Prangnell	GKN Aerospace
Chris Martin	The Effect of Thermomechanical Processing on the Microstructural Evolution of Ni-Based Alloys	Grace Burke, Eric Palmiere	Rolls-Royce
Dhinisa Patel	High entropy alloys for fusion: Exploration of novel processing routes and HEA stability in extreme environments	Amy Gandy, Russell Goodall	CCFE
Daniel Suarez Fernandez	Effect of variation in machining-induced damage in aeroengine high performance materials	Martin Jackson, Brad Wynne	Rolls-Royce