

2014 Cohort

Student	Title	Lead Supervisor	Industrial Partner
Michael Atkinson	Reverse loading in aero-engine relevant alloys	Dr. João Quinta da Fonseca	Rolls Royce
Charlotte Boig	Selective laser melting of nickel-base superalloys for turbocharger applications	Prof. Iain Todd	Cummins Turbo Technologies
Emily Davison	Processing of material addition repairs for aerospace components	Prof. Iain Todd	Rolls Royce
Joseph Fixter	Aluminium alloy development for large scale additive manufacturing of aerospace components	Prof. Phil Prangnell	Constellium
Rebecca Jones	The effect of niobium on the microstructural evolution of Zr alloys during proton irradiation	Dr. Philipp Frankel	Rolls Royce
Michael Kenyon	Effect of chromium containing dispersoids on microstructure evolution of Al-Mg-Si alloys	Prof. Joe Robson	Novelis
Jacob Pope	Investigation into the HOLLOFORM hybrid manufacturing process to produce cylindrical components from dissimilar titanium alloys	Dr. Martin Jackson	
Bhushan Rakshe	Precipitation and recrystallisation behaviour in microalloyed steels containing dilute Nb additions	Dr. Eric Palmiere	CBMM
Nicolas Tankov	Processing of Nb-silicide based alloys	Prof. Panos Tsakirooulos	Rolls Royce
Rhys Thomas	Delayed hydride cracking of Zr LWR cladding with proton irradiation	Dr. Philipp Frankel	Rolls Royce
Petit Wiringgalih	The role of oxygen in mitigating pellet-cladding interaction in zirconium alloys	Dr. Philipp Frankel	