

Jonathan Bradford is a Postdoctoral Researcher the University of Nottingham specialising in bottom-up growth of 2D materials and surface characterisation by scanning probe microscopy and photoemission spectroscopy. He received his PhD in 2019 from the Queensland University of Technology (Brisbane, Australia) studying the growth of 2D lateral and vertical heterostructures by chemical vapour deposition. Following this, he joined the School of Physics & Astronomy at the University of Nottingham studying the growth of graphene and hexagonal boron nitride by high temperature molecular beam epitaxy (MBE). Jonathan's current research interests are focused on the growth deep-UV optical materials by MBE, and atomic scale characterisation of optically active defects by scanning probe microscopy.