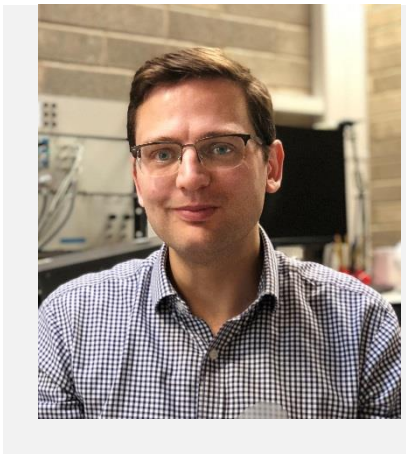




Manufacturing 2075

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Professor Robert Young

Director of the Lancaster Quantum Technology Centre

Rob is an experimental physicist hell bent on developing practical applications of quantum technologies. The last decade saw the beginning of a new technological revolution, which is underpinned by the quantum nature of devices. This technology will have a huge impact on our lives in many ways; the first being to enable truly secure communications. Rob's contribution in this exciting field was seeded by a Master's degree from Oxford University (2002), before moving to Cambridge to complete a PhD in experimental quantum information processing.

In 2009 he joined Lancaster University before winning a prestigious Royal Society Research Fellowship and starting an eponymous group in 2012. In 2016 he became an Adjunct Professor at IFFS (UESTC, Chengdu) and gained a Chair in Quantum Technology at Lancaster in 2017. Since 2016 he has also led Lancaster's half of the doctoral training centre, Graphene-Nownano, which is run jointly with the University of Manchester.

Rob has published around 100 research papers and he is an inventor on 9 granted patents with many more pending. He is the Director of Lancaster's Quantum Technology Centre and the co-founder of Quantum Base, which commercialises results from his research group.