

Tom Lancaster

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Date of birth	01/08/79, Barnstaple, United Kingdom	
Present appointment	Durham University <i>Professor of Physics</i>	October 2017 –
Previous academic employment	Durham University <i>Reader in Physics</i>	October 2014 – September 2017
	Durham University <i>Lecturer in Physics</i>	January 2012 – September 2014
	Oxford University <i>EPSRC Career Acceleration Fellow</i>	October 2008 – December 2011
	Mansfield College, Oxford <i>Supernumerary fellow in Physics</i>	October 2008 – December 2011
	Royal Commission for the Exhibition of 1851 <i>Research Fellow</i>	October 2006 – September 2008
Education	Balliol College, Oxford <i>DPhil. (Physics), Jan 2005</i>	October 2001 - Jan 2005
	Pembroke College, Oxford <i>MPhys. (Physics), 1st Class, June 2001</i>	October 1997 - June 2001
Research interests	Condensed matter (magnetism and superconductivity); quantum and classical field theories; philosophy of physics (emergence debate).	
Major research grants and awards	Skyrmionics: From Magnetic Excitations to Functioning Low-Energy Devices <i>EPSRC £5,101,385 (CoI)</i>	2016 – 2019
	DFT+μ: a step change in muon spectroscopy <i>EPSRC £393,642 (PI)</i>	2016 – 2019
	Durham emergence project <i>John Templeton Foundation £2,283,256 (CoI)</i>	2013 – 2016
	New directions for EPSRC research leaders <i>EPSRC £296,845 (PI)</i>	2012 – 2014
	Career Acceleration fellowship <i>EPSRC £426,496 (PI)</i>	2008 – 2014
Teaching and supervision	Textbooks: T. Lancaster and S.J. Blundell, <i>Quantum field theory for the gifted amateur</i> , OUP (2014). Undergraduate lecture courses: Magnetism in condensed matter, Classical mechanics, History and philosophy of physics. Graduate lecture courses: Quantum field theory, Basic theoretical notions of condensed matter physics. PhD students supervised: J.S. Möller, R.C. Williams, R. Schoonmaker, B.M. Huddart. PDRAs supervised: F. Xiao, D. Jochym, I.O. Thomas, M. Worsdale, K. Franke.	
Contributions to research community	ISIS Facilities access panel member (2015–) and User Group member (2008–2013). Referee for Physical Review Letters, Physical Review B, Journal of Physics: Condensed Matter, Studies in the History and Philosophy of Modern Physics, Nature Materials, Scientific Reports. Book reviewer for Contemporary Physics.	