

## Research Grants

I am currently the Principal Investigator of *Coherent Many-Body Quantum States of Matter*, EPSRC Grant EP/S020527/1. This is held jointly with five Co-Investigators (Essler, Fendley, Logan, Parameswaran and Simon). It runs from 1st June 2019 until 30th November 2022 and has a value of £1.58M.

I was the Principal Investigator of *Quantum Matter in and out of Equilibrium*, EPSRC Grant EP/N01930X/1. This was held jointly with four Co-Investigators (Essler, Fendley, Logan and Simon). It ran from 1st March 2016 until 30th September 2020. and had a value of £1.50M.

I was the Principal Investigator of the *Oxford Quantum Condensed Matter Theory Grant*, EPSRC Grant EP/I032487/1. This was held jointly with three Co-Investigators (Essler, Logan and Simon). It ran from 1st March 2011 until 30th September 2015 and had a value of £1.26M.

The main grant support for my research from 1992 until 2010 was the *Oxford Condensed Matter Theory Programme Grant* and its predecessors, from EPSRC. For the period 2006-2010, this a value of £1.84M and supported eight investigators. The previous Programme Grant, for the period 2002-2006, was for £1.67M in support of eight investigators. Earlier Rolling Grants were: 1998-2002, £986K for eight investigators; 1994-1998, £892K for ten investigators; and 1992-1996, £655K for ten investigators.

I was a participant in *Interdisciplinary Statistical and Field Theory Approaches to Nanophysics and Low Dimensional Systems* (INSTANS), 2005-2010, funded by the European Science Foundation.

I was a participant in the *Highly Frustrated Magnetism Network*, 2005-2010, funded by the European Science Foundation.

*Spintronics on Nanoscales: Disorder, Interactions and Coherence* (with Prof. I. V. Lerner, University of Birmingham). £30K from EPSRC for 1/2/2004–31/7/2006 as a visiting fellowship for Prof. Y. Gefen from the Weizmann Institute, Israel.

I have held Royal Society three-month visiting fellowships for: Prof B. Shapiro (2009), Prof P. C. W. Holdsworth (2007), Prof P. Shukla (2006) and Prof Y. Avishai (1997).

I was a participant in the *High Field Infrastructure Cooperative Network*, 2000-2003, funded by the European Commission.

Since 1994, I have been *Scientist in Charge* of five postdoctoral fellows supported by the European Commission.

I was a participant in *SPHINX*, a programme of research on the statistical physics of glassy and non-equilibrium systems, 1999-2003, funded by the European Science Foundation.

*Light Scattering in Disordered Inhomogeneous Media*, 1993–1995, from ICI Paints to fund a postdoctoral research assistant, £47.3K.

UK Coordinator for: *Localisation and Fluctuations in Microstructures*, 1991–1995, a grouping of researchers from five countries, funded under the European Commission SCIENCE scheme. Portion administered from Oxford: £58K for travel and visitors.

*Simulations of Electronic Properties in the Presence of Strong Disorder and Strong Electron Interactions*, 1992 – 1994, (with Dr D. Ko) £25K from SERC for computing equipment.

*Fluctuations and Correlations in Disordered Conductors* (with Dr S. N. Evangelou, University of Ioannina, Greece) £10K from NATO, 1989–1991.

*Scientific Applications of Transputer Arrays* (with Prof. A. J. G. Hey, University of Southampton) £33.8K from SERC, 1988-1989.

*Simulation on a Weitek enhanced Transputer Array* (with Prof. A. J. G. Hey) £28.4K from SERC, 1986–1988.

*Simulation of Statistical Mechanical Systems on a Transputer Array* (with Profs. A. J. G. Hey and C. R. Jesshope) £81.8K from SERC, 1985–1987.

*Theory of Interaction and Localisation Effects for the Two-Dimensional Electron Gas in a Magnetic Field* £20.9K from SERC, 1985-1987.