

# Brief Curriculum Vitae of **Andrew John Schofield**

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**Address:** Prof. **Andy Schofield**, School of Physics and Astronomy, The University of Birmingham, Edgbaston, Birmingham, B15 2TT, UK.

Tel.: +44 (0)121 414 4565 Fax.: +44 (0)121 414 4693 Email: ajs@th.ph.bham.ac.uk

**Research Interests:** Theoretical condensed matter physics: strongly correlated quantum systems, non-Fermi liquid behaviour, correlated oxides, high temperature superconductors, heavy fermion materials, quantum criticality, novel phases of correlated matter; transport phenomena, Luttinger liquids, thermoelectric materials and dissipation in quantum systems.

**Employment:** Professor of Theoretical Physics, University of Birmingham [UoB] (2002–); Royal Society University Research Fellow (1997–2005); Reader in Theoretical Physics, University of Birmingham (2001); Proleptic Lecturer, University of Birmingham (1999–2001); Assistant Director of Studies, Gonville and Caius College, Cambridge (1997–1999); Research Associate, Rutgers University, USA (1995–1996), Royal Society (NATO) fellowship, Rutgers University, USA (1994–1995); Junior Research Fellow, Gonville and Caius College, Cambridge (1992–1997).

**Leadership:** Head of School of Physics and Astronomy, UoB (2010–); Member of Council (inc. University Finance Committee), UoB (2009–2013); Director of Research, College of Engineering and Physical Sciences, UoB (2008–2010); RAE2008 Physics Lead, UoB (2006–7).

### **Professional Activities:**

**Research:** Author of 60+ refereed research articles including 4 in Science and Nature; 40+ invited talks at international conferences; 60+ talks at UK, European and US universities; Personal grant income of ~£1M with £220K current; Major strategic awards developed: UK Quantum Technology Hub (£80M); Supervised 8 PhD students (7 now graduated); 6 national media broadcasts.

**Administration:** On organizing committee of 12 International Conferences including European Coordinator of Emergent Materials International Conference, Trieste, Italy (2002–15). EPSRC Strategic Advisor (2014–); Member EPSRC Physics College (1998–); Panel Member for DFG, Royal Society URFs; Reviewer for NSF, DoE; NSERC etc.

**Teaching:** External Examiner for University of Sussex (2006–9) and Bristol (2010); Course Coordinator (Theoretical Physics, UoB); 7 undergraduate lecture courses at University of Birmingham; Academic supervisor and tutor UoB; An undergraduate course at St Andrews University as visiting professor; 2 Graduate level courses at University of Birmingham; Lecturer on 8+ International Graduate Schools. Acting Director of Studies in Natural Sciences, Gonville and Caius College Cambridge (1998), Supervisor of Parts 1A, 1B, II and III of Cambridge Natural Sciences Tripos.

**Education:** Ph.D.,(1993) from Gonville and Caius College, Cambridge. Natural Sciences Tripos, B.A. (Hons) (1989), Gonville and Caius College, Cambridge. Part 1A: Class I, Part 1B: Class I, Part II: Physics and Theoretical Physics: Class I.

**Awards and Scholarships:** Maxwell Medal and Prize, Institute of Physics (2002); Fellow, Institute of Physics (2002); Smith Associates Graduate Studentship (1990), Schiff Foundation Studentship (1989), Mott prize for physics, Cambridge University (1989); Schulham Plate, Gonville and Caius College (1989); Elected to scholarship, Gonville and Caius College (1987, 1988); Philips Research Laboratories, Redhill, sponsorship (1986–1989).