Curriculum Vitae
Meera Parish

Theory of Condensed Matter Group
Cavendish Laboratory
University of Cambridge
Cambridge CB3 0HE
United Kingdom

Email: mmp24@cam.ac.uk
Telephone: +44 (0) 1223 337358

Nationality: Australian

Employment History

2009 - present **University of Cambridge**

EPSRC Career Acceleration Fellowship
(Prestigious 5 year fellowship awarded by the EPSRC)

2006 - 2009 **Princeton University**

Princeton Center for Theoretical Science Fellowship

2005 - 2006 **University of Cambridge**

Junior Research Fellowship at Churchill College

Academic History

2001 - 2005 **Pembroke College, University of Cambridge**

PhD on "Magnetoresistance of Inhomogeneous Semiconductor" and "Ultracold Atomic Fermi Gases" under the supervision of Prof. Peter Littlewood in the Theory of Condensed Matter Group at the Cavendish Laboratory.

1997 - 2001 **Australian National University, Canberra**

Bachelor of Science (1st Class Honours)

2000 Final year research project on "Fractional Statistics of One-Dimensional Interacting Electronic Systems" under the supervision of Dr Miklos Gulacsi at the Research School of Physical Sciences and Engineering.

1995 - 1996 **Narrabundah College, Canberra**

Tertiary Entrance Ranking: 99.8
(8th highest in the Australian Capital Territory)

Teaching Experience

2005 - 2006 Supervisor for Part IB Mathematics for Natural Sciences at Churchill College, Cambridge

2003 - 2004 Demonstrator for Part IB Mathematical Physics Examples Class, Cavendish Laboratory, Cambridge

2002 - 2005 Demonstrator for Part II Thermal and Statistical Physics Examples Class, Cavendish Laboratory, Cambridge

2002 - 2003 Supervisor for Part IA Mathematics for Natural Sciences at Pembroke College, Cambridge

Awards and Honours

2007 - 2008	International ICAM Junior Exchange Award (between Princeton and Cambridge)
2001 - 2004	Commonwealth Scholarship
2001 - 2002	Australian Pembroke Scholarship
2001	University Medal in Theoretical Physics
2000	Janet Elspeth Crawford Prize (Best female science student in 4th year)
1999	Priscilla Fairfield Bok Prize (Best female science student in 3rd year)
	Australian Society for Microbiology Prize
1997 - 2000	ANU National Undergraduate Scholarship

Selected Invited Talks

1. "Polarized Fermi condensates", American Physical Society March Meeting, Pittsburgh PA, USA, 16-20 March 2009.
2. "Magnetotransport in classical inhomogeneous media", Sixth Conference on Physical Phenomena in High Magnetic Fields, Laulasmaa Resort, Estonia, 1-6 August 2008.
3. "Polarized Fermi superfluids", Gordon Research Conference: Correlated Electron Systems, University of New England, Biddeford ME, USA, 8-13 June 2008.
4. "Non-saturating magnetoresistance in heavily disordered semiconductors", American Physical Society March Meeting, Denver CO, USA, 5-9 March 2007.
5. "Tuning the tricritical point in polarized Fermi gases", Workshop on 'Material Simulation Using Ultracold Atomic Gases', Rice University, Houston TX, USA, 15 September 2006.
6. "Atomic Fermi gases with unequal spin populations", Oxbridge Meeting on Strongly-Correlated Phenomena in Cold Atoms, Oxford, United Kingdom, 28 April 2006.

Patents

1. US patent application: US10/791090. Inventors: M. M. Parish and P. B. Littlewood. *Magnetic field sensor*
2. UK patent application: GB0407920.8. Inventors: M. M. Parish, P. B. Littlewood and S. Thomas. *Magnetic field sensor*

Membership

2003 -	Member of the American Physical Society
2002 - 2006	Member of the Institute of Physics