

Dr Andrea Mary Fischer

Department of Physics and
Centre for Scientific Computing
University of Warwick, Coventry CV4 7AL, UK

Tel: +44 2476 150942

Fax: +44 2476 573133

A.M.Fischer@warwick.ac.uk



CURRICULUM VITAE

(MARCH 28, 2011)

Career Goals: Research and teaching in condensed matter theory.

Current Occupation: Early Career Fellow at the Institute of Advanced Studies, University of Warwick.

Education

- | | |
|-----------|---|
| July 2011 | Doctor of Philosophy degree, University of Warwick, UK. (Viva passed on 8th March 2011). |
| July 2007 | MMathPhys degree (first class honours) in mathematics and physics, University of Warwick, UK. |
| July 2003 | A levels in Latin, Physics, Maths, Further Maths (all grade A) and AS level film studies (grade A), Watford Grammar School for Girls, UK. |
| July 2001 | 10 GCSEs (8 x A*, 2 x A grade), Watford Grammar School for Girls, UK. |

Honours

- | | |
|-----------|---|
| June 2009 | First prize in second year physics poster presentation competition, University of Warwick, UK |
| June 2007 | Best degree performance (mathematics and physics), University of Warwick, UK |

Training Courses

- | | |
|-------------|--|
| 2007, 2009 | Midlands Physics Alliance Graduate School modules:
<i>High Performance Computing</i>
<i>Quantum Many Body Systems</i>
<i>Quantum Field Theory</i> |
| Summer 2007 | <i>Physics by the Lake</i> , Graduate Summer School in Condensed Matter Theory. |

Research (*see my PhD thesis (arXiv:1103.4955) for further details*)

Topics	Anderson transition, Aharonov-Bohm effect, many body effects in graphene.
Publications	7 scientific publications in refereed journals, h-index=4.
International experience	Research visits to California State University, Bakersfield (April-May, October-November 2008) plus several international conferences.
Funding	EPSRC, Nuffield Foundation, IOP, University of Warwick (Physics Department, International Office and Institute for Advanced Studies).

Teaching

April 2009	<i>High Performance Scientific Computing Workshops</i> , University of Warwick, UK
2007/2008, 2009/2010	<i>First year undergraduate physics example classes</i> , University of Warwick, UK
October 2007	<i>Postgraduate Teaching Award</i> , University of Warwick, UK

Additional Experience

2009/2010	Referee for PRB, PRL and EPL
2007/2008	Founding organiser of Centre for Scientific Computing Postgraduate Seminar Series, University of Warwick, UK

Personal

Place and date of birth:	Harrow (England), 22 nd April 1985
Nationality:	British
Address:	248 Charter Avenue, Coventry, UK.
Mobile Phone:	+44 7871 032411
Webpage:	www2.warwick.ac.uk/study/csde/gsp/eportfolio/directory/pg/live/phrdap