

# Curriculum Vitae

Kevin Buzzard

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**Name:** Kevin Mark Buzzard.

**Address:** Department of Mathematics,  
Huxley Building,  
Imperial College of Science, Technology and Medicine,  
180 Queen's Gate,  
London,  
SW7 2AZ,  
ENGLAND.

**Phone:** (+44) 207 594 8523

**Fax:** (+44) 207 594 8517

**Email:** buzzard@imperial.ac.uk

**Date of birth:** 21 Sept 1968

**Nationality:** British

## Jobs:

<b>Year</b>	<b>Job</b>
Oct 2004–present	Professor, Imperial College London.
Jan 2006–Jun 2006	Visiting Professor, Harvard University.
Oct 2002–Sep 2004	Reader, Imperial College London.
Oct 2002–Dec 2002	Visiting Professor, Harvard University.
Oct 1998–Sep 2002	Lecturer, Imperial College London.

## Fellowships:

<b>Year</b>	<b>Fellowship</b>
Sep 2004–Mar 2010	Advanced Research Fellow, EPSRC.
Feb 2000–July 2000	Member, Institute Henri Poincaré, Paris.
Aug 1997–Sep 1998	Trinity College Junior Research Fellow, Cambridge.
Jan 1996–Jul 1997	Miller Research Fellow, UC Berkeley.
Sep 1995–Dec 1995	Member, Institute for Advanced Studies, Princeton.
Oct 1994–Aug 1995	Trinity College Junior Research Fellow, Cambridge.

**Prizes:**

<b>Year</b>	<b>Prize</b>
2008	Senior Berwick Prize (London Mathematical Society).
2002	Whitehead Prize (London Mathematical Society).
2002	Award for Excellence in teaching (Imperial College internal award).
1993	Smith Prize (University of Cambridge).

**Degrees:**

<b>Year</b>	<b>Name of degree</b>
1996	PhD (Univ. of Cambridge) (under Dr. R. Taylor) (viva date: June 1995).
1994	M.A. (Univ. of Cambridge).
1991	Certificate of advanced study in mathematics (Part III) (1st in pure maths).
1990	B.A. (Univ. of Cambridge) (1st in the year).

**Grants awarded:**

<b>Year</b>	<b>Grant awarded</b>	<b>Amount</b>
2004	EPSRC Advanced Research Fellowship	£256,907
2001	University of London Central Research Fund grant for computer to aid computational side of research	£4,953
2001	CASE studentship awarded for finding of one PhD student.	£13,200
2001	EPSRC Fast Stream grant for a post-doc	£61,739
2000	Sub-node of European Number Theory Network	
2000	Sub-node of EAGER, European algebraic geometry network	

**Post-docs:**

<b>Year</b>	<b>Post-doc</b>
2001	Jon Dee.

**PhD students:** (asterisk indicates a current student)

<b>Year commenced</b>	<b>Name</b>
1999	L. Kilford
1999	D. Jacobs
2000	E. Nevens
2001	T. Gee
2001	D. Snaith
2002	A. Joyce
2004	A. Paulin
2004	S. Sasaki
2005	D. Loeffler
2006	O. Jones*
2007	J. Newton*
2009	H. C. Johansson*
2009	E. Sanders*

**Conference talks:**

(selection)

**Year Conference/seminar**

- 2009 Heilbronn Annual Conference, Univ. of Bristol.
- 2008 Ken Ribet's 60th Birthday conference, MSRI.
- 2006  $p$ -adic representations, modularity, and beyond, AIM, Palo Alto CA.
- 2006 (two talks),  $p$ -adic modular forms and applications, Luminy, France.
- 2006 Bryan Birch's 75th Birthday conference, Heilbronn Institute.
- 2004 Harmonic analysis and number theory conference, Exeter.
- 2004 LMS Symposium on  $L$ -functions and Galois representations, Durham.
- 2003  $p$ -adic variation of motives conference, Banff, Canada
- 2003 L. Szpiro 60th birthday conference, Orsay, Paris.
- 2003 Van der Waerden 100th anniversary conference.
- 2001 British Maths Colloquium, Glasgow.
- 2000 Arithmetic Geometry conference, Utrecht.
- 2000 Automorphic Forms conference, Institut Henri Poincaré, Paris.
- 1999 MSRI conference on modular forms and elliptic curves.
- 1998 Journées Arithmétiques, Rome.

**Invited Courses.**

(not including standard teaching requirements)

**Year Course**

- 2006 6 lectures on modular forms, as part of LMS/EPSRC Short Course.
- 2006 Course on Eigenvarieties (30 lectures), Harvard University  
(as part of the "Eigenvarieties" semester).
- 2003 Course on  $p$ -adic modular forms (30 lectures), Harvard University.
- 2002 6 lectures on modular forms, LMS/EPSRC Short Course.
- 2001 Mini-course (4 lectures) on  $p$ -adic modular forms, Univ. Paris 13
- 2001 Mini-Course (4 lectures) on  $p$ -adic modular forms, Arizona Winter School conference
- 2000 Mini-course (4 lectures), conference on automorphic forms, Strasbourg

**Conferences Organised.****Year Conference**

- 2004  $L$ -functions and Galois representations (LMS Symposium), Durham.
- 2003  $p$ -adic variation of Motives, Banff, Canada.

**Books edited.****Year Book**

- 2007  $L$ -functions and Galois representations, LMS Lecture Note Series 320,  
with J. Nekovar and D. Burns.

**Teaching**

Undergraduate/MSc level:

**Year Course**

- 2003 1st year mathematics to mechanical engineers (ME1).
- 2001–2005, 2007 Elliptic curves (MSc course)
- 1999,2003 Algebraic number theory (M3P15)
- 1999–2001 Foundations of analysis (M1F)

1998–2001 Elementary Number Theory (M3P14)  
 1997 Modular Forms (Cambridge Part III)

Graduate level:

<b>Year</b>	<b>Course</b>
2009	L-functions (Tate's thesis)
2006	Automorphic forms
2006	Finite Flat Group Schemes
2005	The Eigencurve
2004	Representations of real groups
2003	Representations of reductive $p$ -adic groups
2002	Mod $p$ modular forms
2001	Hida Theory
2000	The Eigencurve
1997	Short course on Coleman theory (Cambridge)

**Administration.**

As well as the list below I have organised at least one graduate number theory study group each year since 1996.

<b>Year</b>	<b>Job</b>
1998–present	Organiser, “PLUS!” undergraduate mathematics club.
1998–present	Organiser (and founder), London Number Theory Seminar