

PIERRE GUILLOT

IRMA, 7 rue Descartes
67000 Strasbourg, France
Email: pierre.guillot@cantab.net

Date of Birth: 26th March 1978

Academic Positions

SINCE 2006 UNIVERSITY OF STRABOURG (FRANCE) Lecturer in Mathematics (MCF).

2005-2006 UNIVERSITY OF NICE (FRANCE) Assistant lecturer (ATER).

2004-2005 UNIVERSITY OF LILLE (FRANCE) Assistant lecturer (ATER).

Education and Qualifications

2001-2004 UNIVERSITY OF CAMBRIDGE (UK) Doctoral Thesis in Mathematics under the supervision of Professor Burt Totaro. Title: *Algebraic cycles, cobordism and the cohomology of classifying spaces*. Examiners: Pelham Wilson (Cambridge), John Greenlees (Sheffield).

2000-2001 UNIVERSITY OF CAMBRIDGE (UK) Certificate of Advanced Studies in Mathematics, obtained with Distinction.

1999-2000 UNIVERSITY OF PENNSYLVANIA (USA) Maitrise de Mathématiques (MA) awarded by the university Denis Diderot (Paris VII), with “Très Bien” distinction, after a year spent as an exchange student at UPenn, Philadelphia.

1998-1999 UNIVERSITY DENIS DIDEROT (FRANCE) Licence de Mathématiques (BA), with “Très Bien” distinction.

1996-1998 LYCÉE SAINT-LOUIS (FRANCE) D.E.U.G. obtained from Université Pierre et Marie Curie (Paris VI) after two years spent in MPSI and MP* classes at the Lycée Saint-Louis.

Awards and Prizes

2007 PEDR (four-year governmental grant).

2003 First prize in the Smith-Raleigh-Knight competition, organised by the Mathematics Faculty at the University of Cambridge.

2002 Emsley prize for best work in the natural sciences, awarded by St-Edmund’s College, Cambridge.

2001 Gates Scholarship (maintenance allowance tenable for three years).

2001 EPSRC Scholarship (covering the college and university fees for three years).

Publications

- [8] (with C. Kassel) *Torsor-twisting of non-commutative spaces*, to appear.
- [7] (with C. Kassel) *Cohomology of invariant Drinfeld twists on group algebras*, to appear in International Mathematics Research Notices.
- [6] *The computation of Stiefel-Whitney classes*, Ann. Inst. Fourier vol 59, 2009.
- [5] *Geometric methods for cohomological invariants*, Doc. Math. vol 12, 2007.
- [4] *The representation ring of a simply connected Lie group as a λ -ring*, Comm. Algebra vol 35 (3), 2007.
- [3] *The Chow rings of G_2 and $Spin(7)$* , J. reine angewand. Math. vol 604, 2007.
- [2] *Steenrod operations on the Chow ring of a classifying space*, Adv. Math., vol 196 (2), 2005.
- [1] *Chow rings and cobordism of some Chevalley groups*, Math. Proc. Cam. Phil. Soc., vol 136 (3), 2004.

Selected talks

- May 2009, Quantum Groups workshop, Toulouse.
- May 2009, “Variétés rationnelles” seminar, Ecole Normale Supérieure, Paris.
- November 2008, Fabien Morel’s seminar, university of Munich.
- June 2008, Second Canada-France congress, Montreal.
- July 2007, meeting of the SMF & SEMA (French and Spanish mathematical societies), Zaragoza.
- June 2007, Séminaire Tripode, meeting of the universities of Grenoble and Lyon and the Ecole Normale Supérieure at Lyon.
- November 2005 Algebraic Geometry seminar, university of Bologne.
- April 2004 Algebraic Topology seminar, university of Barcelona.
- January 2004 Geometry & Topology seminar, Imperial College London.
- November 2003 Topology seminar, university of Cambridge.