

Curriculum Vitae

Stephen James Meagher

I. Personal Details:

Available on request.

II. Education:

1. Ph.D, Thesis Title: Twists of genus three curves and their Jacobians
University of Groningen, September 2008
Supervisors: Jaap Top, Marius van der Put
2. M.Sc, Thesis Title: Cusps of Hilbert modular 4-folds University of Sydney, January 2005
Supervisors: Laurentiu Paunescu, King-Fai Lai
3. B.Sc, First Class Honours, University of Sydney, January 2003

III. Employment:

Post Doctoral Mitarbeiter, Albert Ludwigs University Freiburg, October 2008 – present time

IV. Publications:

1. Twists of genus three Jacobians, Preprint June 2009. Submitted
2. Twists of genus three curves over finite fields, with Jaap Top. Preprint July 2009. Submitted

V. Talks:

1. Equations defining isogeny classes of ordinary Abelian varieties, Humboldt University Berlin, January, 2010
2. Equations defining isogeny classes of ordinary Abelian varieties, University of Freiburg, November, 2009
3. Equations defining isogeny classes of ordinary Abelian varieties, University of Ulm, October 2009
4. Equations defining isogeny classes of ordinary Abelian varieties, University of Strasbourg, October 2009
5. Equations defining isogeny classes of ordinary Abelian varieties, Australian National University, September 2009
6. Equations for Abelian varieties with a prescribed number of points over a finite field. University of Groningen, May 2009

7. When is an Abelian 3-fold a Jacobian over its ground field?, Universita degli Studi Milan, February 2009
8. Genus three curves over finite fields and theta functions, University of Ulm, December 2008
9. Genus three Torelli revisited , University of Freiburg, September 2008
10. Twists of genus three Jacobians, University of Sydney, May 2008
11. Genus three curves revisited, University of Groningen, April 2008
12. Twists of genus three Jacobians, C.I.R.M, Luminy, November 2007
13. Twists of Jacobians of Curves of Genus 3, Jacobs University Bremen, July 2007
14. Genus three curves over finite fields, DIAMANT Symposium, Heeze, April 2007
15. When is the twist of a Jacobian a Jacobian?, University of Utrecht, March 2007
16. Forms of algebraic curves, University of Groningen, October 2005
17. Twisting Curves, University of Sydney, August 2005

VI. Teaching Experience:

1. Lecturer masters level course introduction to scheme theory, University of Freiburg, Summer 2009
2. Tutor for Dutch masters mathematics course in algebraic number theory, Fall 2006
3. First year differential calculus tutor, University of Sydney, 2002-2004
4. Tutor at Australian National Mathematics Summer School for high school students, January 2002-2004