

Michael Orestis Neururer

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EDUCATION

From 2012 **University of Nottingham,**
PhD

Thesis topic: Special values of derivatives of L-functions
Supervisor: Nikolaos Diamantis

2011 - 2012 **Paris Sud University, Orsay,**
M2 Analyse Arithmétique et Géométrie

Fondation Hadamard scholarship.
Thesis: "Higher local fields"
Supervisor: Christophe Soulé
Final grade (average): 17.325/20

2010 - 2011 **Christ's College, University of Cambridge,**
MASt in Pure Mathematics (a.k.a. PART III)

Essay: "Modular Curves and the Class Number One Problem"
Supervisor: Tom Fisher
Final grade: Distinction

2007 - 2010 **Technical University of Vienna,**
BSc programme, Mathematics in Science and Technology
Final grade: Distinction

RESEARCH

- *Eichler cohomology in general weights using spectral theory*
Submitted. Preprint at <http://arxiv.org/abs/1409.0370>
- *Non-critical L-values of products of Eisenstein series.*
In preparation.
- *Non-critical values and values of derivatives of L-functions*, joint with Nikolaos Diamantis.
In preparation.
- *Spaces generated by products of weight 1 Eisenstein series*, joint with Martin Dickson.
In preparation.

TALKS GIVEN

- 12.06.2014, *Modular forms of arbitrary real weight and Eichler cohomology*, Colloque de jeunes chercheurs en théorie de nombres, Institut de Mathématiques de Bordeaux
- 17.09.2014, *Eichler cohomology in arbitrary weight*, Nottingham University number theory seminar.
- 20.09.2014, *Eichler cohomology in arbitrary weight*, Student Conference on Automorphic Forms and Eisenstein Series, TU Darmstadt.
- 14.10.2014, *Eichler cohomology in arbitrary weight*, Arithmetic study group, Durham University.
- I gave numerous talks in the Number Theory study group of Nottingham University on the following topics: Étale cohomology, abelian varieties and the Weil conjectures, Shimura varieties, modular forms, the Gross-Zagier formula, and the work of Manjul Bhargava.

CONFERENCES ATTENDED

- April 2013, *Characteristic p methods in algebraic geometry*, Imperial College London.
- June 6th 2013, *WaNDS Seminar*, Durham University.
- May 28th 2014, *WaNDS Seminar*, Nottingham University.
- June 2014, *Colloque de jeunes chercheurs en théorie de nombres*, Institut de Mathématiques de Bordeaux.
- July 2014, *Summer school and workshop on automorphic forms*, University of Bristol.
- July 2014, *Workshop on Bianchi and Siegel modular forms*, University of Sheffield.
- August 2014, *Sage Days 61*, University of Copenhagen.
- September 2014, *Advanced School and Workshop on L-functions and modular forms*, ICTP at Trieste.
- September 15th 2014, *WaNDS Seminar*, University of Sheffield.
- September 2014, *Arithmetic of Eisenstein series*, TU Darmstadt.

ADDITIONAL SKILLS

Languages:	German (native), Greek (native), English (fluent), French (fluent).
Computing:	Sage, Python, MATLAB, Maple, C and LaTeX.