

# Michael Orestis Neururer

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**Nationality:** Austrian

## 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

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|-------------------|---|
| <b>Languages:</b> | German (native), Greek (native), English (fluent), French (fluent). |
| <b>Computing:</b> | Sage, Python, MATLAB, Maple, C and LaTeX.                           |