

Curriculum Vitae

JARED WEINSTEIN

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Date of Birth: April 17, 1982, New York, USA

Education

2007 Ph.D. University of California, Berkeley, Mathematics (advisor: Kenneth Ribet)
2002 A.B. Harvard University, Cambridge, MA, magna cum laude in Mathematics

Academic Honors and Grants:

2002 – 2005 National Science Foundation Graduate Research Fellowship
2000 Putnam Exam Certificate for placement in Top 25
2000 Committee for Undergraduate Education Award for Excellence in Teaching, Harvard University
1999 Detur Book Prize for high GPA, Harvard University

Research Interests:

Automorphic Forms in Number Theory

Preprints:

2006 1. *Galois Representations with Prescribed Ramification*, thesis, in preparation

Conferences Attended:

2006 Nov. Research Institute for Mathematical Sciences, Kyoto, Japan: Arithmetic Galois Theory
Invited Talk: *Galois Representations with Prescribed Ramification*
2006 Aug. Invited Participant, Mathematical Sciences Research Institute: Workshop on Computing with Modular Forms
2006 Mar. Red Lodge, Montana: Profinite Geometry Conference
Invited Talk: *Galois Representations with Prescribed Ramification*
2005 June Boston University: Recent Developments in Iwasawa Theory
2005 May Invited Participant, Mathematisches Forschungsinstitut Oberwolfach, Germany: Workshop on p -divisible groups
2004 Fall Institut Henri Poincaré: Explicit Methods in Number Theory Workshop
2004 Mar. Arizona Winter School: Number Theory and Physics

Seminar Talks:

2006 Nov. **Okayama Galois Days, Okayama University, Japan**
 $e^{\pi\sqrt{163}}$ and Complex Multiplication
2005 **Serre's Conjecture Seminar, UC Berkeley:**
From Modular Form to Galois Representation
The Solvable Case of Artin's Conjecture
Modularity Lifting Theorems for Totally Real Fields
2004-2005 **Many Cheerful Facts Seminar, UC Berkeley** (General Interest Student Seminar):
A proof of the irrationality of $\zeta(3)$ using modular forms

691, most irregular prime – Herbrand’s theorem and Fermat’s Last Theorem

Professional/Teaching Activities:

- 2004 – 2006 Graduate Student Instructor, UC Berkeley
 - Led problem sessions in Calculus, Linear Algebra
- Summer 2003 Instructor, Academic Study Associates, Berkeley, CA
 - Designed courses in Precalculus, SAT preparation for high school students
- 2000 – 2002 Teaching assistant, Mathematics Department, Harvard University
 - Led problem sessions in Number Theory, Algebraic Geometry

References:

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