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Curriculum Vitae

General

- Nationality: German.
- Family status: Married, two children
- Visa status: Permanent resident (Green card).

Education

- Gymnasium, Abitur (1981)
- Study of mathematics, computer science and physics at the Johann-Wolfgang von Goethe University in Frankfurt/Main, Germany (1982-1986).
- Diplom in mathematics (1986)
- Ph.D. study in number theory, University of Cambridge, England. Supervisor: Prof. J.H. Coates (1987-1990).
- Ph.D. (1991)

Employment

- Hochschulassistent C1, University of Heidelberg, Germany (1989-1994)
- Assistant Professor, Princeton University, Princeton NJ (1994-1995)
- Associate Professor, California Institute of Technology, Pasadena, CA (1995-1999)
- Full Professor, California Institute of Technology, Pasadena CA (1999-present)
- Visiting Professor, Harvard University, Spring Semester 2004.

Awards and Funding

- Heinz Maier Leibnitz Award from the German ministry of Education, Science and Technology (1995)

- Alfred P. Sloan Research Fellow (1996-2000)
- Research Grant DMS-9624824, National Science Foundation (1996-1999)
- Research Grant DMS-0088930, National Science Foundation (2000-2003)
- Research Grant DMS-0401403, National Science Foundation (2004-2007)
- Research Grant DMS-0701029, National Science Foundation (2007-2010)

Undergraduate Summer students

- John Niccolai, Computing Galois Groups over Local Fields, 1998
- Po-Ru Loh, The Theorem of Suslin-Voevodsky over arbitrary Fields, 2006

Graduate students

- Jason Colwell, On a conjecture of Burns and Flach, Thesis, Caltech 2003
- Qiang Lin, The Bloch-Kato conjecture for the adjoint of $X_0(N)$ over the integral Hecke algebra, Thesis, Caltech 2003
- Jennifer Johnson, Artin L-functions for abelian extensions of imaginary quadratic fields, Thesis, Caltech 2005
- Matthew Gealy, On the Tamagawa Number Conjecture for Motives attached to modular forms, Thesis Caltech 2005
- Tejaswi Navilarekallu, On the Equivariant Tamagawa Number Conjecture, Thesis, Caltech 2006