

Curriculum Vitae

Graz University of Technology
Department of Mathematics A
Steyrergasse 30/II
A-8010 Graz
Austria

Office Number: A 401
Phone: +43 (0)316 873 7620
widmer@math.tugraz.at
<https://www.math.tugraz.at/~widmer>

Personal Details

Name	Martin L. Widmer
Day of birth	June 2, 1978
Place of birth	Basel
Nationality	Swiss
Marital status	single

Education

10/2003 – 10/2007	Ph.D. in Mathematics , University of Basel, Switzerland. Thesis defense: October 18, 2007. Adviser: Prof. D. W. Masser. Grade: <i>summa cum laude</i> .
10/2000 – 07/2003	Advanced studies in mathematics, University of Basel, Switzerland. Degree: Diplom in Mathematik (eqvl. to MSc in Mathematics).
10/1998 – 10/2000	4-term basic studies in mathematics, University of Basel, Switzerland. Degree: Vordiplom in Mathematik (eqvl. to BSc in Mathematics).
08/1994 – 12/1997	Matura. Gymnasium Oberwil, Switzerland.

Employment History

07/2010 – present	Lise Meitner Fellow, TU Graz, Austria.
05/2009 – 05/2010	Lecturer and Postdoctoral Researcher, TU Graz, Austria.
03/2008 – 04/2009	SNSF Postdoctoral Fellow, University of Texas at Austin, USA.

- 10/2007 – 02/2008 Teaching assistant, University of Basel, Switzerland. Organisation of exercise classes and exams.
- 10/2003 – 10/2007 Research assistant/Ph.D. student, University of Basel, Switzerland. Organisation of exercise classes and exams.
- 10/2002 – 04/2003 Hilfsassistent, University of Basel, Switzerland. Teaching duties.

Research Visits

- 05/2010 – 07/2010 Visitor at the IHÉS, Bures sur Yvette, France.
- June 2010 University of Grenoble, Grenoble, France.
- December 2009 University of Zagreb, Zagreb, Croatia.
- June 2009 Institute for Experimental Mathematics, Essen, Germany.
- June 2008 Northern Illinois University, DeKalb, USA.
- November 2008 University of Colorado at Boulder, Boulder, USA.

Research Interests

Number theory, more specifically: height bounds, Northcott property, counting problems in Diophantine geometry, Manin conjecture, field arithmetic, algebraic number theory, geometry of numbers, Diophantine approximation, Diophantine equations.

Awards and Grants

- FWF Lise-Meitner Fellowship, July 2010-July 2012 (EUR 128.120.-).
- SNSF Fellowship for prospective researchers, March 2008-March 2009 (CHF 38.000.-).
- MFO, EU-Grant, Oberwolfach, Germany, April 2007.
- ESI, Grant for a two week visit, Vienna, Austria, February, 2006.

Selected Talks Outside Home Universities

- November 11, 2010 *Research group for Algebra and Number Theory*, Univ. Graz, Austria.

- September 7, 2010 *Approximation diophantienne et transcendence*, CIRM, Luminy, France.
- June 3, 2010 *Groupe d'étude sur les problèmes diophantiens*, Univ. Paris 6, France.
- May 26, 2010 *Séminaire de théorie des nombres de Grenoble*, Univ. Grenoble, France.
- December 7, 2009 *Number Theory Seminar*, Univ. Zagreb, Croatia.
- October 15, 2009 *AG Zahlentheorie*, Univ. Basel, Switzerland.
- June 25, 2009 *Oberseminar Algebraic Geometry and Arithmetic*, Essen, Germany.
- June 23, 2009 *Oberseminar Algebra*, Univ. Oldenburg, Germany.
- November 13, 2008 *Number Theory and FRNTC Seminar*, Univ. Colorado, Boulder, USA.
- April 23, 2008 *Texas A&M Number Theory Seminar*, College Station, USA.
- December 14, 2007 *Number Theory Seminar*, ETH-Zurich, Switzerland.

Lectures

- Summer 2011 Introduction into the Theory of Heights, Lecture for Ph.D. students, TU Graz.
- Summer 2011 Special Topics of Number Theory, Lecture for master students, TU Graz.
- Winter 2009/2010 Analysis 3 (Complex Analysis), Lecture for bachelor students, TU Graz.
- Winter 2003/2004 Preparatory course in mathematics, NSH Bildungszentrum, Basel.

Teaching Assistant Experience

- Winter 2009/2010 Ordinary differential equations, Instructor: Prof. R. Burkard.
- Fall 2007 Commutative algebraic groups, Instructor: Prof. D. W. Masser.
- Fall 2007 Mathematics for middle school teachers, Instructor: Dr. Chr. Zehrt.
- Summer 2007 Mathematical methods 2, Instructor: Prof. A. A'Campo-Neuen.
- Winter 2006/2007 Linear algebra, Instructor: Prof. D. W. Masser.
- Summer 2006 Applied stochastics, Instructor: Dr. Chr. Luchsinger.
- Winter 2005/2006 Galois theory, Instructor: Prof. D. W. Masser.
- Summer 2005 Mathematics for natural scientists 4, Instructor: Prof. A. A'Campo-Neuen.
- Winter 2004/2005 Algebraic number theory, Instructor: Prof. D. W. Masser.

- Summer 2004 Proseminar, Instructor: Prof. D. W. Masser.
 Winter 2003/2004 Diophantine equations 2, Instructor: Prof. D. W. Masser.
 Winter 2003/2004 Preparatory course in mathematics, NSH Bildungszentrum, Basel.
 Winter 2001/2002 Linear algebra, Instructor: Prof. M. Grote.

Co-Supervision of Ph.D.-Thesis

- October 2009- “Co-supervisor” with Prof. Robert Tichy of Christopher Frei.

Mini Courses

- March 2011 Lecturer at the Winter school “Heights and algebraic numbers” at the University of Tuebingen. Organized by Prof. Walter Gubler.

Computer and Language Skills

- Computer Skills Latex. Programming experience in C, Java, Maple, Magma, and SQL.
 Language Skills German (native), English (fluent), French (fair), Polish (little).

References

Prof. Dr. D. W. Masser
 Mathematisches Institut
 Universität Basel
 Rheinsprung 21
 CH-4051, Basel
 Phone +41 61 267 26 98
 david.mass@unibas.ch

Prof. Dr. R. F. Tichy
 Institut für Mathematik A
 Technische Universität Graz
 Steyrergasse 30/II
 A-8010, Graz
 Phone +43 316 873 7120
 tichy@tugraz.at

Prof. Dr. P. Tretkoff
 (Maiden name: Paula Cohen)
 Department of Mathematics
 Texas A&M University
 College Station, Texas 77843-
 3368, USA
 Phone +1 979 845 3969
 ptretkoff@math.tamu.edu

Prof. Dr. J. D. Vaaler
 Department of Mathematics
 University of Texas at Austin
 1 University Station, C1200
 Austin, Texas 78712 USA
 Phone +1 512 471 7125
 vaaler@math.utexas.edu