

*Curriculum Vitae - Dr. Andreas Fischer**Education*

- April 2001 - February 2006
University of Passau, Germany Doctoral Degree in Mathematics,
Peano Differentiable Functions in O-Minimal Structures
 Supervisors: Niels Schwartz (University of Passau)
 Krzysztof Kurdyka (Universite de Savoie)
- November 1995 - July 2001
**Ludwig Maximilian Universität
 Munich, Germany** First State Examination for teaching Mathematics and Physics
 in Secondary School
- November 1995 - July 2000
**Ludwig Maximilian Universität
 Munich, Germany** Diploma (German equivalent to Master) studies in Mathematics
Analytische Klassenzahlformel für quadratische Zahlkörper
(Analytic class number formula for quadratic number fields)
 Supervisor: Otto Forster (LMU Munich)

Professional Experience

- January 2009 - June 2009
**Fields Institute
 Toronto, Canada** Post-Doctoral Fellowship of the Academic program 2008/2009
- January 2007 - present
**University of Saskatchewan
 Saskatoon, Canada** Post-Doctoral Fellowship in Mathematics and Sessional Lecturer
 Taught Calculus, Linear Algebra and Number Theory classes for
 first- to third-year students
- April 2006 - December 2006
**University of Saskatchewan
 Saskatoon, Canada** Post-Doctoral Visitor and Sessional Lecturer
 Taught Calculus and Linear Algebra classes for first- and second-
 year students
- October 2005 - December 2005
**Universite de Rennes I
 France** Pre-Doctoral Research Fellow
 Supervisor: Michel Coste (Universite de Rennes I)
 Attending the Trimester Real Geometry at the IHP Paris
- October 2004 - September 2005
**Universite de Savoie
 Chambéry, France** Pre-Doctoral Research Fellow
 Supervisor: Krzysztof Kurdyka (Universite de Savoie)
- April 2001 - September 2004
Universität Passau, Germany Scientific Assistant
 Post included teaching Analysis and Discrete Mathematics for
 first- to third-year students

Awards

I was finalist of the Kurt Goedel Centenary Research Prize Fellowship (this was a worldwide competition organized by the Kurt Goedel Society with support from the John Templeton Foundation)

Reviewing and Refereeing

I am reviewer for **Math Sci Net** and for **Zentralblatt Mathematik**.

I am referee for the **Illinois Journal of Mathematics** and the **Journal of Symbolic Computation**.

Administrative and management experience

June 2003 - September 2004 Universität Passau, Germany	Member of the permanent budget committee of the Universität Passau
March 2002 - September 2004 Universität Passau, Germany	Deputy of the Scientific Coordinator of the European RT-Network Real Algebraic and Analytic Geometry (RAAG) Contract-No: HPRN-CT-2001-00271

Conference and Seminar Talks

June 1-5 2008 Universite du Quebec Montreal, Canada	Second Canada-France Congress <i>Definability of algebraic models</i>
April 15 2008 University of Saskatchewan Saskatoon, Canada	Algebra and Logic Seminar <i>Algebraic models for o-minimal manifolds</i>
April 11 2008 McMaster University Hamilton, Canada	Model Theory Seminar <i>Algebraic models for o-minimal manifolds</i>
March 18 2008 University of Saskatchewan Saskatoon, Canada	Algebra and Logic Seminar <i>O-minimal analytic separation is dimension 2</i>
May 29 2007 McMaster University Hamilton, Canada	Model Theory Seminar <i>Smooth Approximation in o-minimal Structures</i>
May 8 2007 University of Saskatchewan Saskatoon, Canada	Algebra and Logic Seminar <i>Definable smooth manifolds are affine</i>
March 11-17 2007 Math. Forschungsinstitut Oberwolfach, Germany	Conference: Reelle Algebraische Geometrie <i>Smooth approximation in some o-minimal structures</i>

- November 30 2006
University of Saskatchewan
Saskatoon, Canada Algebra and Logic Seminar
On the constant for Lipschitz stratifications
- October 5-6 2006
University of Saskatchewan
Saskatoon, Canada Mini-Conference: Topics in Real Algebraic Geometry
John functions in o-minimal structures
- July 6 2006
University of Saskatchewan
Saskatoon, Canada Algebra and Logic Seminar
Definable smoothing of Lipschitz continuous functions
- May 12/17 2006
University of Saskatchewan
Saskatoon, Canada Algebra and Logic Seminar
Introduction to o-minimal geometry
- April 25 2006
University of Saskatchewan
Saskatoon, Canada Algebra and Logic Seminar
Extending continuous piecewise polynomial functions in two variables
- April 24 2006
University of Saskatchewan
Saskatoon, Canada Colloquium Mathematics & Statistics
Singularities of Tame Peano Differentiable Functions
- November 2-9 2005
Institut Henri Poincare
Paris, France Workshop: Real Algebra, Quadratic Forms and Model
 Theory; Algorithms and Applications
*Zero-set property of indefinitely Peano differentiable functions
 in o-minimal structures*
- September 5-9 2005
Universität Passau, Germany Fourth Annual Network Meeting RAAG 2005
Extending Peano-differentiable functions in o-minimal structures
- March 21-23 2005
Universite de Lyon I, France Mini-Conference: O-minimality at Lyon
Definable Ordinary Differentiable Functions along C^1 -Curves
- October 8 2004
Universite de Savoie
Chambery, France Seminaire de l'equipe Geometrie
Introduction to definable Peano-differentiable functions
- July 1 2004
Ludwig Maximilian Universität
München, Germany Oberseminar komplexe Analysis
Semialgebraische Peano-differenzierbare Funktionen
- June 22-26 2004
Salamanca, Spain Third Annual Network Meeting RAAG 2004
Definable Peano-differentiable functions

In addition, I gave several talks at the Oberseminar Reelle Algebraische Geometrie of the Department of Mathematics at the University of Regensburg in the years 2002-2004