

# Curriculum Vitae

Roland Donninger

## Personal

**Name:** Roland Donninger

**Date of birth:** November 27, 1977

**Place of birth:** Ried im Innkreis, Austria

**Citizenship:** Austrian

**Languages:** German (native), English (fluent), French (basic)

**Field of expertise:** Nonlinear PDEs, Mathematical Physics, General Relativity, Spectral Theory, Harmonic Analysis, Numerics

**Current work address:** University of Bonn, Mathematical Institute, Endenicher Allee 60, D-53115 Bonn, Germany

**E-Mail:** [donninge@math.uni-bonn.de](mailto:donninge@math.uni-bonn.de)

**Web:** <http://www.math.uni-bonn.de/people/donninge/>

## Current Position

**Research Group Leader** University of Bonn

**Member** of the Hausdorff Center for Mathematics Bonn and the Collaborative Research Center (SFB) 1060

## Education

**PhD with highest honors** University of Vienna, November 2007  
Advisor: Peter C. Aichelburg

**MSc with highest honors** University of Vienna, June 2004  
Advisor: Peter C. Aichelburg

**Studies of Mathematics and Physics** University of Vienna, 1997 – 2004

## Academic Career

**Assistant Professor** University of Vienna, as of September 2017

**Research Group Leader** University of Bonn, October 2014 – August 2017

**Offer of a Professorship** CAU Kiel, August 2014, declined

**Research Associate (Postdoc)** Swiss Federal Institute of Technology Lausanne,  
January 2011 – September 2014

**Postdoctoral Fellow** University of Chicago, March 2009 – December 2010

**Research Associate (Postdoc)** University of Vienna,  
December 2007 – December 2008

**Research Assistant** University of Vienna, September 2004 – November 2007

## Teaching Experience

**University of Bonn** Partial Differential Equations, Analysis, Spectral Theory

**EPF Lausanne** Partial Differential Equations, Measure Theory and Integration, Analysis

**University of Vienna** Scientific Computing, Computer Methods in Theoretical Physics, Complex Analysis, Ordinary Differential Equations, Probability Theory

## Awards and Fellowships

**Sofja Kovalevskaja Award** by the Humboldt Foundation, April 2014

**Erwin Schrödinger Fellowship** 2-year postdoctoral fellowship awarded by the FWF (Austrian Science Fund), research project conducted at the University of Chicago in collaboration with Wilhelm Schlag, 2009 – 2010

**Alfred Wehrl Prize for Mathematical Physics** awarded by the Institute for Theoretical Physics, University of Vienna, June 2005

## Publications

31 peer-reviewed publications, 5 articles pending publication

## Service

- Organizer (together with Herbert Koch) of Workshop “Singularity formation and long-time behavior in dispersive PDEs”, University of Bonn, March 14 – 18, 2016
- Referee for Nonlinearity; International Mathematics Research Notices; American Journal of Mathematics; Communications in Mathematical Physics; Proceedings of the Royal Society A; Transactions of the American Mathematical Society; Journal of Dynamics and Differential Equations; Annales de l’Institut Henri Poincaré; Mathematical Physics, Analysis and Geometry; Proceedings of the American Mathematical Society; Journal of Functional Analysis; Memoirs of the American Mathematical Society; Computers and Mathematics with Applications; Nonlinear Differential Equations and Applications; Archive for Rational Mechanics and Analysis

## Third-Party Funding

**Austrian Science Fund (FWF) Project P30076** as principal investigator,  
University of Vienna, October 2017 – September 2021, EUR 329,225

**Humboldt Foundation Sofja Kovalevskaja Award** as principal investigator,  
University of Bonn, October 2014 – September 2017, EUR 1,535,000

**Austrian Science Fund (FWF) Project J2843** Erwin Schrödinger fellowship,  
as principal investigator, University of Chicago, March 2009 – December 2010,  
EUR 68,000

**Austrian Science Fund (FWF) Project P19126** actively involved in all stages of  
the project from application process to final report, project leader Peter C. Aichel-  
burg, University of Vienna, June 2006 – May 2008, EUR 186,000

## Conferences and Workshops

**Trimester Program “Nonlinear Waves”**  
IHES, Bures-sur-Yvette, France, June 2016

**Workshop “Longtime Behaviour of Nonlinear Waves”**  
Bielefeld University, Germany, June 2015

**Hausdorff Trimester Program “Harmonic Analysis and PDEs”**  
HIM Bonn, Germany, June – July 2014

**Workshop “Nonlinear Waves and Dispersive Equations”**  
Mathematisches Forschungszentrum Oberwolfach, Germany, August 2013

**Workshop “Dynamics of general relativity”**  
ESI Vienna, Austria, December 2012

**Conference “Nonlinear hamiltonian PDEs”**

Centro Stefano Franscini, Ascona, Switzerland, July 2012

**Workshop “Dynamics of general relativity”**

ESI Vienna, Austria, August 2011

**Conference “Nonlinear dispersive equations”**

ETH Zürich, Switzerland, June 2011

**Workshop “Quantitative studies of nonlinear wave phenomena (follow-up)”**

ESI Vienna, Austria, January 2011

**Workshop “Quantitative studies of nonlinear wave phenomena”**

ESI Vienna, Austria, January 2010

**Clay Mathematics Summer School “Evolution Equations”**

ETH Zürich, Switzerland, June 2008 – July 2008

**Workshop “Evolution equations and self-gravitating systems”**

Max-Planck-Institut für Gravitationsphysik, Golm, Germany, September 2007

**Workshop “Spectral Theory and its Application”**

Isaac Newton Institute for Mathematical Sciences, Cambridge, UK, July 2006

**Summer School “Structure and dynamics of compact objects”**

Max-Planck-Institut für Gravitationsphysik, Golm, Germany, September 2004