

# Curriculum Vitae of Henk Bruin

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## EDUCATIONAL DATA

### **Ph.D. in Mathematics**

Thesis advisers  
Thesis title

Delft University of Technology (June 1994)  
Prof. S.J. van Strien and Prof. J.M. Aarts.  
Invariant measures of interval maps.

### **M.Sc. in Mathematics** (cum laude)

Thesis advisers  
Thesis title

University of Groningen (June 1990)  
Prof. H. W. Broer and Dr. G. Vegter.  
Numerical approximation of invariant tori

## ACADEMIC POSITIONS

- 9/12-current** Professor Ergodic Theory & Dynamical Systems, University of Vienna.  
**7/03-8/12** Lecturer (Reader 04/05 and Professor 04/11) at the University of Surrey.  
**7/00-6/03** Research Fellow (Royal Netherlands Academy of Arts and Sciences, KNAW)  
Department of Mathematics, University of Groningen, The Netherlands  
**9/98-7/00** Olga Tausski-John Todd Instructor  
Department of Mathematics, Caltech, Pasadena, USA  
**1/98-3/98** Research Assistant, Department of Mathematics, KTH. Stockholm, Sweden  
**9/96-9/97** Research Assistant (funded by the Göran Gustafsson Foundation)  
Department of Mathematics, KTH, Stockholm, Sweden  
**9/95-9/96** Research Assistant (Deutsche Forschungsgemeinschaft)  
Mathematics Institute, University of Erlangen, Germany  
**9/94-9/95** Research Assistant (Netherlands Organisation of Scientific Research)  
Mathematics Institute, University of Erlangen, Germany

## VISITING POSITIONS/EXTENDED RESEARCH VISITS

- 6/14** Max Planck Institute (Bonn), Programme: *Dynamics and Numbers*  
**2/10-4/10** Mittag-Leffler Institute (Stockholm), Programme: *Dynamics and PDEs*  
**4/09-8/09** Delft University of Technology, the Netherlands  
**3/02** Mittag-Leffler Institute, Programme: *Probability and Conformal Mappings*  
**7/98** Visiting Researcher, CTP, University of Marseille at Luminy.  
**11/97-12/97** Visiting Researcher, Dept. of Mathematics, University of Rome II, Tor Vergata.

## RESEARCH GRANTS

- 9/2013-8/2016** FWF stand-alone project “Strange attractors and Inverse Limit Spaces” for three years. (€139,755).
- 2/2008-8/2008** EPSRC grant EP/F037112/1. (£22,151 for travel, visitors and overhead) “Inverse Limits and the Topology of Hénon Attractors”.
- 9/2004-1/2007:** EPSRC First Grant Scheme (£105,919 supported a postdoc for 2.5 years). “Non-uniform hyperbolicity in complex dynamics”
- 9/2000-9/2003** KNAW Research fellowship, University of Groningen, the Netherlands. (€105,919 for 3 years)
- 9/1996-9/1997** One-year research grant, Göran Gustafsson Stiftelse.
- 9/1995-9/1996** Sachbeihilfe der Deutschen Mathematischen Gemeinschaft.
- 9/1994-9/1995** Pioneer post-doctoral support grant (Netherlands Organisation of Scientific Research, NWO).

## GRANTS FOR CONFERENCE ORGANISATION, VISITORS AND BILATERAL PROJECTS

- |                  |                                      |                                     |
|------------------|--------------------------------------|-------------------------------------|
| <b>2016-2017</b> | Project with BME Budapest            | AÖU, 92öu6 (€2,405 + HUF 2,016,000) |
| <b>4/2016</b>    | Workshop (1 week)                    | Lorentz Center Leiden (€18,000)     |
| <b>4-5/2016</b>  | Thematic Program (2 months)          | Schrödinger Institute (€50,400)     |
| <b>2015</b>      | Conference (1 week)                  | Schrödinger Institute (€14,400)     |
| <b>2014-2015</b> | Project with BME Budapest            | AÖU, 87öu6 (€1,340 + HUF 1,362,500) |
| <b>2014-2015</b> | Project with Univ. of Zagreb         | OeAD, HR 03/2013 (€5,132)           |
| <b>2014-2015</b> | Project with AGH Krakow              | OeAD, PL 02/2013 (€6,400).          |
| <b>2010-2012</b> | London Dynamical Systems Group       | London Math, Society (£1400)        |
| <b>4/2010</b>    | Visitor’s grant R. Leplaideur, Brest | London Math, Society (£975)         |
| <b>2/2009:</b>   | “Research in Pairs”                  | Research Institute Oberwolfach      |
| <b>1/2007</b>    | Visitor’s grant J. Hawkins, UNC      | London Math, Society (£1000)        |
| <b>6/2006</b>    | Summer project studentship           | Nuffield Foundation (£1,240)        |
| <b>9/2005</b>    | Visitor’s grant S. Vaienti, Luminy   | London Math, Society (£980)         |
| <b>6/2004</b>    | Visitor’s grant O. Volkova, Kiev     | London Math, Society (£1,400)       |

## TEACHING EXPERIENCE:

- 9/2012-present** Professor, University of Vienna, Austria.
- 7/2003-8/2012** Lecturer/Reader/Professor, University of Surrey, UK.
- 7/2000-7/2003** Instructor, University of Groningen, the Netherlands.
- 1/1999-6/2000** Instructor, Caltech, Pasadena.
- 1/1998-3/1998** Course on transfer operators, KTH, Stockholm.
- 9/1990-9/1994** Teaching Assistant for students in electrical and aerospace engineering, Delft University of Technology.
- 9/1989-3/1990** Teaching Assistant for chemistry students, University of Groningen.
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- 1/11/2013-** Supervision of Graduate Student J. Činč,
- 1/9/2013-** Supervision of Graduate Student M. Tsiflakos-Hofbauer,
- 10/08-9/2012** Supervision of Graduate Student G. Clack.
- 09/04-03/05** Supervision of Exchange Student T. Jäger, (Ph.D. student of Prof. G. Keller, Erlangen)
- 07/04-present** Supervision of over 20 final year projects and literature reviews.