

Curriculum Vitae

Last name : *Rovinsky*
First name : *Marat*
Date and place of birth : *July 16, 1970, Moscow.*
Nationality : *Russian*
e-mail addresses : *marat@mccme.ru*
marat.rovinsky@gmail.com
Present position : *leading researcher at the Institute for*
Information Transmission Problems
Doctorate : *1996, Massachusetts Institute of Technology*
Habilitation : *2006, Universität Regensburg*
Doctor of
Physico-Mathematical Sciences: *2008, Steklov Mathematical Institute*

Studies

January 1988 – June 1992: student at the Moscow State University
September 1992 – June 1996: graduate student,
Massachusetts Institute of Technology

Employment list

since September 1996: lecturer, Independent University of Moscow
October 1998 – October 2006
and since April 2008: researcher, Institute for
Information Transmission Problems
of Russian Academy of Sciences
September 2001 – August 2002: attaché temporaire d'enseignement et
de recherche, Université Paris 6
November 2006 – March 2008: researcher, Steklov Mathematical
Institute of Russian Academy of Sciences

Research stays abroad

January 1997 – August 1997
September 2004 – November 2004
and January 2009 – June 2009: Max-Planck-Institut für Mathematik, Bonn
10.98 – 03.99, 10.99 – 03.00
and 15.01.2003 – 14.02.2003: Institut des Hautes Études Scientifiques
April 2000 – June 2000: Institut Henri Poincaré
October 2000 – January 2001: Institut Mathématique de Jussieu
17.02.2003 – March 2003 and
March 2005 – March 2006: Universität Regensburg
April 2003 – June 2003: Institut des Mathématiques de Luminy
September 2009 – April 2010: Institute for Advanced Study

Fellowships

September 1992 – August 1995: Rosenbaum fellowship
October 1998 – September 2000: fellow of the European Post-Doctoral Institute
March 2005 – March 2006: Alexander von Humboldt research fellow
2006 – 2008: Pierre Deligne 2004 Balzan prize in mathematics
2009/2010: von Neumann fellowship

Grants

Russian Foundation for Basic Research :
99-01-01204, 02-01-22005, 06-01-72550-CNRS-L-a, 07-01-92211-CNRS-L-a.

INTAS : 05-1000008-8118.

National Science Foundation : DMS-0635607.

List of (pre-)publications

- (1) *Мероморфные функции, связанные с полилогарифмами*, Функци. анализ и его прил. **25**, 1 (1991), 88–91.
- (2) *Multiple gamma functions and L-functions*, Math. Research Letters **3**, no.5 (1996), 703–721.
- (3) *Multiple gamma functions and derivatives of L-functions at non-positive integers*. Revised thesis, 1997.
- (4) *A connectivity lemma for the Albanese map*, Math. Research Letters **8**, no.1–2 (2001), 7–12, [arXiv:math.AG/9604010](#).
- (5) with E.Amerik and A.Van de Ven, *A boundedness theorem for maps between threefolds*. Ann. Inst. Fourier (Grenoble) **49** (1999), no.2, 405–415.
- (6) *The Gauß–Manin connection on the Hodge–Tate structures*. C.R.Acad.Sci.Paris Sér. I Math. **333** (2001), no.4, 333–337, cf. also [arXiv:math.AG/0101143](#).
- (7) *On certain isomorphisms between absolute Galois groups*. Compositio Math. **136** (2003), no. 1, 61–67, [arXiv:math.AG/0011176](#).
- (8) *Motives and admissible representations of automorphism groups of fields*. Math. Zeit., **249** (2005), no. 1, 163–221, [arXiv:math.RT/0101170](#).
- (9) *Semilinear representations of PGL*. Selecta Math., **11** (2005), 491–522, [arXiv:math.RT/0306333](#).
- (10) *Admissible semi-linear representations*. Journal für die reine und angewandte Mathematik (Crelle) **604** (2007), 159–186, [arXiv:math.RT/0506043](#).
- (11) *Группы автоморфизмов полей и их представления*, Успехи матем. наук, **62** (2007), 6 (378), 87–156. (English translation: *Automorphism groups of fields, and their representations*, Russian Math. Surveys, **62:6** (2007), 1121–1186.)
Earlier versions: [arXiv:math.RT/0507388](#); *Representations of field automorphism groups*. Mathematisches Institut, Georg-August-Universität Göttingen: Seminars Winter Term 2004/2005, 139–153, Universitätsdrucke Göttingen, Göttingen, 2005.
- (12) *On maximal proper subgroups of field automorphism groups*. Selecta Math., **15** (2009), 343–376, [arXiv:math.RT/0601028](#).
- (13) with U.Jannsen, *Smooth representations and sheaves*. Moscow Math. J., **10**, no.1 (2010) (issue dedicated to Pierre Deligne), 189–214, [arXiv:math.AG/0707.3914](#).
- (14) with E.Amerik and F.Bogomolov, *Remarks on endomorphisms and rational points*, submitted, [arXiv:1001.1150](#).
- (15) *Stable birational invariants with Galois descent and differential forms*, [arXiv:1006.5348](#).