

January 2017

## Curriculum Vitae

Sergey G. Bobkov

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- Professional preparation

Saint Petersburg University      Dr. Sci. in Mathematics and Physics, 1997  
Leningrad University              Ph. D. in Mathematics and Physics, 1988  
   (advisor: V. N. Sudakov, Steklov Math. Institute)

Steklov Mathematical Institute    Mathematics, graduate studies 1983–1986  
Leningrad University              Mathematics, undergraduate studies 1978–1983

- Appointments

2000–present                      Professor, University of Minnesota, USA  
1998–2000                         Professor, Syktyvkar University, Russia  
1987–1998                         Assistant and Assoc. Professor, Syktyvkar University

- Honors and awards

2014    Humboldt Research Award, Germany  
2013    Bézout Chair, University Paris-Est, France  
2012    Simons Fellowship, awarded by the Simons Foundation, USA  
2001    EPSRC Research Fellowship, awarded by the Engineering and Physical Sciences  
         Research Council, UK  
1995    Alexander von Humboldt Fellowship, awarded by the Alexander von Humboldt  
         Foundation, Germany

- Grants

2016–2019	NSF Research Grant DMS-1612961 (PI)
2011–2014	NSF Research Grant DMS-1106530 (PI)
2007–2010	NSF Research Grant DMS-0706866 (PI)
2004–2007	NSF Research Grant DMS-0405587 (PI)
2001–2004	NSF Research Grant DMS-0103929 (PI)
2013–2017	BSF Research Grant No. 2012111 (PI)
1993–2000	RFFR Research Grant No 960100201, Russian Academy of Sciences
1994–1995	ISF Research Grant NXZ000 and NXZ300, Soros Foundation, USA (PI)
1994–1998	Research Grant, the Ministry of Higher Education, Russia (PI)
2014	NSF Travel Grant DMS-1419498 (PI) to support the US participation in the Conference (Saint Petersburg, Russia)
2014	Dinastiya Foundation Conference Grant (Russia)
2014	Chebyshev’s Laboratory Conference Grant, Saint Petersburg University
1994	Travel Grant (Third International Bernoulli Congress)

- Visiting positions

1998–2016	Bielefeld University, Germany, SFB guest
2013–2016	University Paris-Est, France, Bézout Professor
2014 Nov	University Paris X, France, Visiting Professor
2013 Oct	Simons Institute for the Theory of Computing, Berkeley, USA
2013 Jun	Tel Aviv University, Israel, Visiting Professor
2012 Oct	University Paris VI, France, Visiting Professor
2012 Jun	University Paris VI, France
2011 Jun	University of Toulouse, France, Visiting Professor
2011 May	Isaac Newton Institute for Mathematical Sciences, Cambridge, UK
2010 Jun	University of Florence, Italy, Visiting Professor
2006 Jun	University Paris VI and Inst. H. Poincaré, France, Visiting Professor
2006 Apr–May	University of Toulouse, France, Visiting Professor
2004 Jun	University Paris XII, France, Visiting Professor
2001–2002	Imperial College, London, UK
2000 Jan	University of Marne-la-Vallee, France, Visiting Professor
1999 Mar	Courant Institute of Math. Sciences, NY, USA, Visiting Professor
1998 Jan–Mar	Georgia Institute of Technology, Atlanta, USA, Visiting Professor
1997 Mar	University of Toulouse, France, Visiting Professor
1996 Sep–Oct	Georgia Institute of Technology, Atlanta, USA, Visiting Professor

- Recent invited lectures

- 2016 Nov University Paris 6, France (17 Nov 2016)
- 2016 Oct AMS Central Section meeting at St. Thomas in Minneapolis, Session "Discrete Structures: Analysis and Applications (IMA Reunion)", 28-30 Oct 2016
- 2016 Sep Conference "Interactions between PDE's and Functional Inequalities", Mittag-Leffler Institute, Stockholm, Sweden, 12-16 September 2016
- 2016 Jul Conference "Heat Kernels and Analysis on Manifolds and Fractals", Bielefeld, Germany, 11-16 July 2016
- 2016 May Conference on Functional Analysis in Honour of Nicole Tomczak-Jaegermann, University of Alberta, Edmonton, Canada, 16–20 May 2016
- 2016 May Institute of Henri Poincaré, Paris, France (Seminar on functional inequalities, convex geometry and optimal transport, 12 May 2016)
- 2016 Feb Workshop "Asymptotic Geometric Analysis", Oberwolfach, Germany
- 2015 Nov Georgia Institute of Technology, Atlanta, USA (Probability Seminar)
- 2015 Nov Conference "Analytic and Probabilistic Techniques in Modern Convex Geometry", University of Missouri at Columbia, USA
- 2015 Jun University Paris-Est, France (Probability Seminar)
- 2015 May Tel Aviv University, Israel (Asymptotic Geometric Analysis Seminar)
- 2015 May NSF Workshop for Empirical Process and Modern Statistical Decision Theory on the occasion of the 65th Birthday of David Pollard, Yale University
- 2014 Nov University Paris-Est, France (Probability Seminar)
- 2014 Nov Tel Aviv University, Israel (Asymptotic Geometric Analysis Seminar)
- 2014 Sep University of Arizona, Tucson, USA (Colloquium Seminar)
- 2014 Jul University of Bonn, Germany
- 2014 May Workshop "High dimensional probability", Institute d'Etude Scientifiques de Cargese, France
- 2014 Apr Workshop "Functional inequalities", University of Toulouse, France
- 2014 Mar Simons Symposium "Discrete Analysis: Beyond the Boolean cube", Puerto Rico
- 2014 Jan Tel Aviv University, Israel
- 2014 Jan University Paris VI, France
- 2013 Oct Simons Institute Program "Real Analysis in Computer Science", Berkeley, USA
- 2013 Oct University of California, Berkeley, USA
- 2013 Jun Meeting of the Israeli Mathematical Union, Analysis Section, Haifa, Israel
- 2012 Jun Conference "Phenomena in High Dimensions in Geometric Analysis, Random Matrices, and Computational Geometry", Roscoff, France
- 2013 Feb University of Versailles, Versailles, France
- 2012 Jun University Paris VI, France
- 2012 Jun Conference "Monge-Kantorovich Optimal Transportation Problem, Transport Metrics and their Applications", dedicated to the centenary of L.V. Kantorovich, Euler Mathematical Institute, St. Petersburg, Russia
- 2012 May ISF Workshop on Interactions Between Asymptotic Geometric Analysis and Mathematical Physics, Eilat and Haifa, Technion, Israel

- 2011 Aug Conference "Limit Theorems in Probability, Statistics and Number Theory", Bielefeld, Germany
- 2011 Jun University of Toulouse, France
- 2011 Jun 5th Intern. Workshop on "Convex Geometry - Analytic Aspects", Cortona, Italy
- 2011 May Isaac Newton Institute Programme on Discrete Analysis, Cambridge, UK
- 2011 Apr Bielefeld University, Germany (Analysis Seminar)
- 2011 Jan Workshop "Functional inequalities and discrete spaces", University Paris-Est, France
- 2010 Dec Tel Aviv University, Israel (GAFA Seminar)
- 2010 Jun University of Florence, Italy
- 2010 Mar South Florida Analysis Seminar, Florida Atlantic University, Boca Raton, USA (Special Invited Lecture)
- 2009 Oct International workshop on Concentration, Functional Inequalities and Isoperimetry, Florida Atlantic University, Boca Raton, USA
- 2009 Jul 7th International ISAAC Congress, Imperial College, London, UK
- 2009 Oct Case Western Reserve University, Cleveland, USA (Colloquium Seminar)
- 2009 Jun Conference "The State of Geometry and Functional Analysis", Tel Aviv University, Israel (plenary talk)
- 2009 Apr AMS Special Session on Concentration Inequalities, San Francisco, USA

- Educational seminars for PhD students and lecture series

- 2013 Jan-Feb University Paris-Est, Marne-la-Vallee, France
- 2008 Feb Yale University, New Haven, USA
- 2008 Mar Imperial College, London, UK
- 2008 Jun University of Sevilla, Spain
- 2006 Jun Institute H. Poincaré, Paris, France
- 2006 Mar University Rome 3, Rome, Italy
- 2006 Jan Tel Aviv University, Israel
- 2006 Jan Oxford University, UK
- 2006 Jan Imperial College, London, UK
- 2006 Mar-Apr University of Toulouse, France

- Mentoring PhD students and young researchers

- James Melbourne, University of Minnesota (PhD 2015)
- Ji-Hee Kim, University of Minnesota (PhD 2013)
- Arnaud Marsiglietti, IMA postdoc, 2014-2016
- Yutao Ma, Research Associate at University of Minnesota, 2016
- Islak Umit, University of Minnesota, postdoc, 2014-2015
- Piotr Nayar, IMA postdoc, 2014-2015
- Jing Wang, IMA postdoc, 2014-2015
- Ying Ding, Research Associate at University of Minnesota, 2013-2014
- Dainius Dzindzalieta, IMA long term visitor, 2011

- Advising undergraduate students

Shu Zhao, Zifei Guan, Shu Wang, Alyssa Van Landschoot, Hao Li, Yan Zhao, Mengchen Zhu, Yilin Zhai, Yanpu He, Chuling Zhu, PangFoua Khang, Han Gao, Qiushi Li, Bowen Zhang, Jiecao Chen, Wen Xing, Brian Holm, Elisabet Falcon, Jiecao Chen, Marcus Johnson, Robin Heinonen

- Professional activities

Co-organizer of the IMA Thematic Year on Discrete Structures: Analysis and Applications, Minneapolis, September 2014 – June 2015, and of the two workshops within the program:

”Information Theory and Concentration Phenomena”, Minneapolis, 9–13 April 2015;

”Analytic Tools in Probability and Applications”, Minneapolis, 27 April – 1 May 2015.

Co-organizer of the conference ”Stochastic Processes and High Dimensional Probability Distributions”, Euler Mathematical Institute, Saint Petersburg, Russia, June 2014.

Co-organizer of the SQuaRE, American Institute of Mathematics (AIM), Palo Alto, California, September 2013.

Organizer for the session ”Concentration inequalities”, 6th World Congress of the Bernoulli Society, Barcelona, Spain, July 2004.

**Editorial:** Associate editor of the Annals of Probability (2009-2015) and Bernoulli (since January 2013); referee for various math. journals.

**Evaluation of proposals:**

National Science Foundation (NSF)

National Security Agency (NSA)

US-Israel Binational Science Foundation (BSF, serving on Panel)

Israel Science Foundation (ISF)

German-Israeli Foundation for Scientific Research and Development (GIF)

European Research Council (ERC)

National Science Centre (NCN, Poland)

National Research, Development and Innovation Office (NKFIH, Hungary)

**Serving as member of committees for PhD defence:**

2013 Gysler Castelino, PhD in Engineering

2013 Danning Li, PhD in Statistics

2012 Hyun Soo Doh, PhD in Mathematics

2011 Fan Yang, PhD in Statistics

2009 Tyler Whitehouse, PhD in Mathematics

**External examiner/member of committees for PhD and habilitation defences:**

- 2016 L. Rotem, Tel Aviv University, Israel (PhD)
- 2016 J. Lehec, University Paris-Dauphine, France (habilitation)
- 2016 H. Sambale, Bielefeld University, Germany (PhD)
- 2014 J. Elisyeva, Saint Petersburg University, Russia (PhD)
- 2014 A. Marsligietti, University Paris-Est, France (PhD)
- 2012 R. Eldan, Tel Aviv University, Israel (PhD)
- 2012 N. Gozlan, University Paris-Est, France (habilitation)
- 2008 M. Fradelizi, University Paris-Est, France (habilitation)
- 2007 C. Roberto, University of Marne-la-Vallee, France (habilitation)
- 2007 O. Guédon, University Paris VI, France (habilitation)