

ALEXANDER A. VORONOV

School of Mathematics
University of Minnesota
Minneapolis, MN 55455
Phone: (612) 624-0355

Education:	Ph.D. in Mathematics, Moscow State University Thesis advisor: Y. I. Manin	1988
	B.S. in Mathematics, Moscow State University	1985
Positions Held:	Visiting Senior Scientist, IPMU, Kashiwa, Japan	2010–to date
	Professor, University of Minnesota	2007–to date
	Associate Head, University of Minnesota	2007–11
	Associate Professor, University of Minnesota	2001–07
	Associate Professor, Michigan State University	2000–01
	Assistant Professor, Michigan State University	1998–2000
	Visiting Assistant Professor, M.I.T.	1996–98
	Lecturer, University of Pennsylvania	1993–96
	Lecturer, Princeton University	1991–93
	Visiting Assistant Professor, University of CA, Davis	1990–91
	Junior Researcher, Moscow State University, Russia	1988–90
Short-Term Positions:	Visitor, IPMU, Kashiwa, Japan	May-Jun 09, Jun-Aug 10, Jan-Mar 12
	Member, MSRI, Berkeley, CA	Spring 2006
	Member, Fields Institute, Toronto	Spring 2005
	Visitor, ETH, Zürich	January 2003
	Visiting Professor, Max-Planck-Institut, Bonn	Summers 94, 95, 98, 02
	Visitor, AIM, Stanford University	August 2001
	Visitor, Kyoto University	July 2001
	Visitor, IHES, Bures-sur-Yvette	95, 96, 99, 00, 03, 08, 09
	Invited Lecturer, Fourier Institute, Grenoble	June 1999
	Member, RIMS, Kyoto University	Summers 1993 and 97
	Visiting Member, Institute for Advanced Study	July 1997
	Invited Researcher, Park City/IAS Mathematics Institute	July 1994
	Invited Researcher, Center for Physics, Aspen, CO	August 1992
	Member, MSRI, Berkeley, CA	June 1991
Honors and Awards:	Simons Fellow in Mathematics	2012
	JSPS Fellow for research in Japan	Summer 2010
	NSF research support	Research grant DMS-0805785
	Stone Visiting Professor, Northeastern University	Spring 2004
	AMS Centennial Research Fellowship	1996–98
	“Good Teaching Award” (University of Pennsylvania)	Fall 1995
Editorial:	Editor of the <i>Journal of Physical Mathematics</i>	Since 2009
	Editor of the <i>Journal of Generalized Lie Theory and Applications</i>	Since 2006
Advisory:	NSF Review Panels	2002, 2009
	Scientific Committee member for the workshop on <i>Algebra, Geometry, and Mathematical Physics</i> , Bedlewo, Poland	October, 2009
	Advisory Committee member for the conference on <i>Supersymmetry and Quantum Field Theory</i> , Kharkov, Ukraine	April, 2006
	Advisory Committee member for XXIII and XXIV <i>Workshops on Geometric Methods in Physics</i> , Bialowieza, Poland	June-July 2004–05
	Advisory Committee member for <i>International Symposium on Kac-Moody Lie algebras</i> , University of Madras, India	December, 2001

**Selected
Lectures:**

- Colloquium talks at Harvard-MIT-Brandeis-Northeastern, Stanford, Yale, Michigan, Wisconsin, Minnesota, SUNY at Stony Brook, Purdue, Duke, Southern California, Dartmouth, Toronto, etc.
- Invited Speaker, *Midwest Topology Seminar*
Purdue, West Lafayette April 28–29, 2012
- Invited Speaker, *CBMS Conference on Deformation Theory of Algebras and Modules*
NCSU, Raleigh May 16–20, 2011
- Invited Speaker, *Texas Geometry and Topology Conference*
Texas Tech, Lubbock February 18–20, 2011
- Invited Speaker, *Conference on Quantum algebra related to field theories in geometries*
Kyoto, Japan February 16–20, 2009
- Main Speaker, *Workshop on Algebraic Structures in Geometry and Physics*
Leicester, UK July 21–25, 2008
- Invited Speaker, *Journee Groupes quantiques et geometrie de Poisson*
Paris, France June 3, 2008
- Invited Lecturer, *Workshop on Symplectic Field Theory*
Leipzig, Germany August 5–11, 2006
- Plenary Speaker, *Workshop on Deformation Quantization and String Topology*, Prague and Brno, the Czech Republic May, 2006
- Invited Speaker, *Workshop on Stringy Topology*, Morelia, Mexico January 16–20, 2006
- Keynote Speaker, *The 20th British Topology Meeting*, Bristol, UK September 12–14, 2005
- Invited Speaker, *Workshop on Categorical Methods in Algebra, Geometry and Mathematical Physics*, Canberra, Australia July 18–21, 2005
- Invited Speaker, *Conference on Categories in Algebra, Geometry, and Mathematical Physics*, Sydney, Australia July 11–16, 2005
- Plenary Speaker, *Conference on Groups, Homotopy and Configuration Spaces*, Tokyo, Japan July 5–11, 2005
- Lecturer, *Summer School on String Topology and Hochschild Homology*, University of Almeria, Spain September 2003
- Plenary Speaker, *3rd International Symposium on Quantum Theory and Symmetries*, University of Cincinnati September 2003
- Invited Speaker, *Workshop on Algebraic Topology of String Theory and Moduli Space of Riemann Surfaces*, SUNY, Stony Brook August 2003
- Plenary Speaker, *XXII Workshop on Geometric Methods in Physics*, Bialowieza, Poland June-July 2003
- Invited Speaker, *Workshop on Quantization in Algebra and Geometry*, ETH, Zürich January 2003
- Invited Speaker, *Conference on Categorical Algebra, Deformation Theory and Field Theory II*, Kyoto University, Japan December 2002
- Invited Speaker, *Workshop on Graphs and Cohomology in Mathematical Physics*, IRMA, Strasbourg September 2002
- Invited Speaker, *Workshop on Conformal Field Theory and Supersymmetry*, MSRI, Berkeley April 2002
- Invited Speaker, *Workshop on Topology, Operads and Quantisation*, University of Warwick, UK December 2001
- Invited Speaker, *Workshop on Topology of Moduli Spaces*, Stanford University August 2001
- Lecturer, *Graphs and Patterns in Mathematics and Theoretical Physics*, SUNY, Stony Brook June 2001
- Invited Speaker, *Workshop on Quantisation*, University of Warwick, United Kingdom July 2000
- Invited Speaker, *Conference “Up to Homotopy”*, CIRM, Luminy, France June 2000
- Invited Lecturer, *School on Operads and Their Applications*, Hebrew University of Jerusalem Feb–Mar 2000

Invited Speaker, <i>Workshop on Operads and Applications</i> , University of Utrecht, the Netherlands	June 1999
Invited Address, <i>AMS Meeting</i> , Buffalo, NY	April 1999
Invited Speaker, <i>Special Program "Hodge theory"</i> , Scuola Normale Superiore, Pisa, Italy	April 1998
Invited Lecturer, <i>Graduate Colloquium Series</i> University of Munich	June 1997
Invited Speaker, 1996 Joint Summer Research Conference on <i>Quantization</i> at Mount Holyoke College	July 1996
Plenary Speaker, Conference <i>Higher Homotopy Structures in Topology and Mathematical Physics</i> at Vassar College	June 1996
Invited Speaker, International Workshop <i>on Homotopy, Geometry and Physics</i> at the Fields Institute, Toronto, Canada	April 1996
Invited Speaker, International Conference <i>Groupes et Algebres</i> in Paris, France	June 1995

PhD Students: E. Harrelson, PhD'06, J. Zuniga, PhD'07,
K. Chung, PhD'07, A. Hanhart, PhD'09, Hao Yu PhD'10