CURRICULUM VITAE OF OLEG VIRO

Date and place of birth: May 13, 1948, Leningrad, USSR.
Citizenship: Russia, Sweden.
Family: wife Julia Viro, *daughter* Polina Viro (1993), *son* Ivan Viro (2000).

Contact information:

Electronic mail address: oleg.viro@gmail.com
Home page: www.pdmi.ras.ru/˜olegviro
Institutional addresses:
Institute for Mathematical Sciences, Stony Brook University, Stony Brook,
NY 11794-3660, USA
Tel. +1 (631) 632-7318, FAX: +1 (631) 632-7631.

Positions held

1993 –	Senior Researcher, PDMI (St.Petersburg Department of Steklov Institute)
2007 –	Visiting Professor at SUNY, Stony Brook
1994 – 2007	Professor of Uppsala University
2004	Visiting Professor at University of California Berkeley
2000	Visiting Professor at University of Paris VII
1992 – 1997	Professor at University of California, Riverside, F. Burton Jones chair in topology
1991	Visiting Professor at University of California, San Diego
1988 – 1993	Head of Topology and Geometry Laboratory, LOMI (Leningrad Department of Steklov Institute)
1986 – 1988	Senior Researcher, LOMI (Leningrad Department of Steklov Institute)
1986 – 1990	Professor of Leningrad State University
1981 – 1986	Docent of Leningrad State University
1974 – 1981	Assistant Professor of Leningrad State University.

Education

1971 - 1973	Graduate student at Leningrad State University, under supervision of Professor V. A. Rokhlin
1966 - 1971	Student at Faculty of Mathematics and Mechanics, Leningrad State University
1963 - 1966	Student at Leningrad high school 239 specialized in Physics and Mathematics

Degrees

1971	Masters Degree in Mathematics, Leningrad State University
1974	Candidate of Phys.-Mat. Sci. (Ph. D.), Leningrad State University, Dissertation "Topological invariants of branched coverings of manifolds with boundary"
1983	Doctor of Phys.-Mat. Sci. (habilitation), Leningrad State University, Dissertation "Real algebraic varieties with prescribed topological properties"

Research interests

Geometry and topology, especially topology of low dimensional manifolds and topology of real algebraic varieties.

Selected invited addresses

1. International Congress of Mathematicians in Warsaw 1983, Section Geometry *Progress of the last five years in topology of real algebraic varieties.*
2. European Congress of Mathematicians in Barcelona 2000, plenary lecture *Dequantization of real algebraic geometry on a logarithmic paper.*

Awards and honors

1975	Young Mathematician prize of Leningrad Mathematical Society
1993	A three year NSF grant, $ 89,100
1994-95	NFR Grant (Sweden), SEK 100,000
1994	Crafoord Stupendium for research in Differential Geometry, SEK 210,000
1996	Magnusson grant for support of joint summer research work with L.Rozansky and V.Turaev in Sweden, SEK 32,000
1997	Göran Gustafsson prize, SEK 100,000, and stipendium of total SEK 2,100,000 for the period of 1998-2000
2002	Swedish Academy of Science grant for collaboration with fSU, SEK 90,000
2003–	Swedish Research Council grant Nr: 621-2002-54,
2005	SEK 1,460,160

Teaching experience

Leningrad State University (1974-1990):
    main undergraduate and graduate courses in Topology and Geometry.
High School 45 at Leningrad State University (1974-1979):
    a general class of Geometry and an advanced course (Topology).
UC San Diego (1991):
    undergraduate Complex Analysis, graduate course Quantum Invariants.
UC Riverside (1992-97):
    graduate and undergraduate Topology, Honors Calculus.

Uppsala University (1994-2006):
> Differential Topology, Linear Algebra, Topology, Geometry, Real and Complex Geometry, Real Analysis, Knot Theory.

University Paris VII (2000):
> Topology of Real Algebraic Curves.

UC Berkeley (2004):
> Topology of Real Algebraic Varieties.

Ph. D. students

	name	defense year	present position(s), if known
1	V. G. Turaev	1979	Boucher Professor, Indiana University, Directeur de Recherche IRMA, Strasbourg
2	V. L. Kobelsky	1982	Docent, Pedagogical University, St. Petersburg
3	N. Yu. Netsvetaev	1985	Chair Professor, St. Petersburg State University
4	S. M. Finashin	1985	Professor, Middle East Technical University (Ankara)
5	A. I. Degtyarev	1988	Professor, Bilkent University, Ankara,
6	A. N. Protopopov	1989	Docent, St. Petersburg State University
7	V. F. Mazurovsky	1990	
8	I. V. Itenberg	1991	Professeur, Université Louis Pasteur, Strasbourg
9	G. B. Mikhalkin	1994	Canada Research Chair Professor, Toronto University
10	A. N. Shumakovich	1996	Assistant Professor, George Washington University
11	V. Tchernov	1997	Associate Professor, Dartmouth College
12	L. T. F. Langford	1997	Assistant Professor, University of Wisconsin-River Falls
13	Sara Mohanty	1997	Director of Tor Anumana Research and Development Company, India
14	T. Ekholm	1998	Professor, Uppsala University
15	O.-P. Ostlund	2001	
16	M. Jacobsson	2003	Post. Doc., Aarhus University
17	M. Mroczkowski	2004	Assistant Professor, Gdansk University

Services

Member of Council of St. Petersburg Mathematical Society.

In 1989 - 1992, Vice President of St. Petersburg Mathematical Society.

In 1988 - 1990, organizer of LOMI track, a joint project of LOMI and the Department of Mathematics and Mechanics of Leningrad State University, a separate program for advanced first and second year students with a new coherent system of main mathematical lecture courses.

Since 1988 a member of Editorial Board of the journal *Algebra i Analiz* (which is translated into English as *St. Petersburg Mathematical Journal* by the American Mathematical Society).

Associate editor of *Journal of Knot Theory and Its Ramifications.*

In 2000 - 2001 editor of *Acta Mathematica*

Organizer of Workshop on real algebraic geometry in the Fields Institute, Toronto, January 1997.

Organizer of a year program *Topology and Geometry of Quantum Fields* at the Mittag-Leffler Institute in 1998/99.

Organizer of a workshop *Amoebas and Tropical Geometry* at AIM in October 2003.

Organizer of a semester program *Topological aspects of real algebraic geometry* at MSRI in the Spring of 2004.

Organizer of a workshop *Extreme forms of real algebraic varieties* at AIM in April 2006.

Organizer of a conference CAT2006 *Categorification in Algebra and Topology 2006* at Uppsala University, September 2006.

Translation from English to Russian of a monograph *Four-dimensional topology* by R. Mandelbaum, 'Mir", Moscow, 1981.

Editor of translations for three monographs:

1. H. Zieschang, E. Vogt, H.-D. Coldewey, *Surfaces and discontinuous groups,* "Nauka", Moscow, 1988.

2. L. Guillou, A. Marin, *A la recherche de la topologie perdue,* "Mir", 1989.

3. M. Goresky, R. MacPherson, *Stratified Morse Theory,* "Mir" Moscow, 1991.

Volumes of proceedings edited by Viro

1. Topology and Geometry. Rohlin Seminar, a volume dedicated to the memory of V.A.Rokhlin, Lecture Notes in Mathematics, vol. 1346, (1988).

2. A volume of Proceedings of LOMI Topological Seminar. The extended version of the latter was published in English by AMS: Topology of manifolds and varieties, Advances of Soviet Mathematics, vol 18 (1994).

3. Topology of real algebraic varieties and related topics, AMS Translations, Series 2, vol. 173 (1995).