

# Curriculum Vitae of Julia Viro

## Contact information

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## Studies

1983-88 Undergraduate study at the Department of Mathematics and Mechanics, Leningrad State University, USSR.

1988-91 Graduate study at Leningrad branch of the Steklov Mathematical Institute, Russian Academy of Sciences.

## Degrees

**Master Degree** in Mathematics, June 1988, from the Department of Mathematics and Mechanics, Leningrad State University, USSR.

**Ph.D.** in Mathematics (Candidate of Phis.-Math. Sci.), June 1991, from the Department of Mathematics and Mechanics, Leningrad State University. Ph.D. Thesis "*Links in  $\mathbb{R}P^3$* " written under supervision of Professor Vladimir Turaev.

## Positions held

2009- Lecturer at Stony Brook Southampton.

2007-09 Lecturer at Department of Mathematics, Stony Brook University.

2001-2009 Senior Lecturer at Mathematics Department, Uppsala University.

1995-01 Assistant lecturer at Mathematics Department, Uppsala University.

1992-94 Visiting scholar at Mathematics Department, University of California, Riverside.

## Research interests

Low-dimensional topology and knot theory, links in the projective space, rigid isotopy of projective configurations, real algebraic links, Vassiliev invariants, enumerative problems of real algebraic geometry.

## Teaching experience

1983-1985 Mathematical Circle (evening class) for high school students.

1987-1988 Recitation classes in mathematics for the first year students of Pedagogical Institute and Institute of Finance and Economy in Leningrad.

1994-2007 Lectures and recitation classes at Uppsala University, in English or Swedish, on the following subjects:

- Analys MN1 (Calculus of one variable),
- Endimensionel Analys (single variable Calculus for engineers)
- Flerdimensionel Analys (multivariable Calculus for engineers)
- Analys MN2 (multivariable Calculus),
- Algebra (basic course for engineers)
- Algebra MN3 (groups, rings, fields),
- Linear Algebra,
- Transformationmetoder (Fourier Transform),
- Ordinary Differential Equations,
- Trigonometry for everybody (a summer course)

2007-2009 Lectures at Stony Brook University:

- Calculus MAT 131 (Single variable Calculus)
- Introduction to Integration MAT 129
- Introduction to Linear Algebra MAT 211
- Applied Algebra MAT 312
- Fundamental Concepts of Mathematics MAT 511

## Selected talks

Leningrad, Session on quantum groups in the Euler Institute, December 1990

Oberwolfach, Topology conference, September 1991

Paris, Université Paris XI, Orsay, Siebenmann's Seminar, March 1991

Toulouse, Topology Seminar, October 1991

Strasbourg, Topology Seminar, October 1992

Uppsala, Talks in Topology Seminar 1995-2004,

Uppsala, Öppet hus lecture on minimal surfaces, 2003

UC Davis, UCSD, Indiana University, Topology Seminars, 2005

GWU, Conference Knots in Washington, 2005