

CURRICULUM VITAE

MISHA VERBITSKY

Born: June 20, 1969, Moscow, USSR

Citizenship: Russia

Homepage: <http://verbit.ru/>

E-mail: verbit@impa.br

Education:

- 1990 Moscow State University
- 1995 Ph.D. Harvard University

Positions Held:

- 1990-91 Visiting Scholar, MIT
- 1991-95 Graduate Student, Harvard University
- 1996-97 A member of Institute of Advanced Study, Princeton
- 1997-99 A member of European Post-Doctoral Institute
- 1996– Moscow Independent University (professor)
- 2003-10 ITEP (Moscow)
- 2002–07 Glasgow University, EPSRC Advanced Fellow
- 2008– University of Tokyo, IPMU (joint appointment)
- 2010– Faculty of Mathematics, Higher School of Economics (professor), Laboratory of algebraic geometry and its applications (chair, vice-chair).
- 2015–2017: Université libre de Bruxelles (charge de cours).
- 2017– IMPA, Pesquisador Titular (Full Professor).
- Visitor at IHES (1997, 2006), MPI, Bonn (1999-2000, 2006), IPMU, Tokyo (2008-2009, 2010).

Ph.D. Thesis: “Cohomology of compact hyperkaehler manifolds”, under supervision of David Kazhdan.

Grants, awards and honors:

- Simons-IUM Fellowship (2011, 2013, 2015, 2016)
- ICM section talk (2014)
- CRDF grants RM1-2087 (as a principal co-investigator) and RM1-2354-MO02 (a grant for international joint research group offered by an international disarmament foundation), 1997-2001.
- EPSRC grant GR/R77773/01 (Advanced Research Fellow), 2002-2007.
- RSCF grant 14-21-00053, for fundamental research as the lead investigator, 2014-2016 (a 20 million roubles grant for a mid-size research collective).
- CNPq Bolsas de Produtividade em Pesquisa, 313608/2017-2, categoria 1C.
- FAPERJ E-26/202.912/2018.
- CNPq Bolsas de Produtividade em Pesquisa, 310952/2021-2 categoria 1B.

Papers: See <http://scholar.google.com/citations?hl=en&user=8KhODVoAAAAJ>. I wrote 112 papers, 55 of them in collaboration, two monographs and a textbook. 101 of these papers were published in peer-refereed publications, the rest is available from arxiv.org.

Books:

- “Hyperkaehler manifolds”, by M. Verbitsky and D. Kaledin, Mathematical Physics, 12. International Press, 1999. iv+257 pp.
- “Topology for first-year students”, (in Russian), 370 pp, Independent University of Moscow Press (2017).
- “Principles of Locally Conformally Kähler Geometry”, by L. Ornea and M. Verbitsky, 769 pages, arXiv:2208.07188, 2022.

Conference talks: More than 55 invited talks in international conferences (Oberwolfach, ICTP, CIRM, MSRI, CRM, NYU, SCGP, Edinburgh, Durham, Rome, Bonn, Bucharest, Moscow, Cambridge, Poland, Singapore, Argentina, Brasil, India, Korea, Thailand).

Conferences organized:

- “Quaternionic structures in algebraic geometry”, 16-18 November 2007, Glasgow University.

- “Supersymmetry in complex geometry”, January 4-9, 2009, University of Tokyo, IPMU.
- “Instantons in complex geometry”, March 14-18, 2011, HSE, Laboratory of algebraic geometry and its applications, Moscow.
- Summer school ”Algebra and geometry”, Yaroslavl’ (2011, 2013, 2014).
- “Geometric structures on complex manifolds”, October 3-7, 2011, HSE, Laboratory of algebraic geometry and its applications, Moscow.
- Geometry of Kaehler manifolds, 21-25 May 2012, Laboratoire de Mathématiques Jean Leray, Nantes (an event dedicated to Bogomolov’s 65 anniversary).
- Workshop on complex geometry and foliations, dedicated to the memory of Marco Brunella (September 17-21, 2012, HSE, Moscow).
- The second workshop on complex geometry and foliations (February 25-March 1, 2013, Moscow, HSE).
- A workshop on the Chow group of holomorphically symplectic manifolds (May 19-23, 2014, Moscow, HSE).
- A workshop ”Complex manifolds, dynamics and birational geometry” (November 10-14, 2014, HSE).
- A workshop on Teichmüller theory, hyperbolicity and dynamics (June 24-28, 2019, IMPA)

Editorship: Member of the Editorial Advisory Board for “Complex Manifolds” (De Gruyter).

Research interests: Algebraic geometry, differential geometry, hyperkahler geometry, calibrations on manifolds, quaternionic structures, CAT-spaces, locally conformally Kähler manifolds, ergodic theory, hyperbolic geometry, Hodge theory, symplectic topology.