**A SHORT CURRICULUM VITAE of A. SKOPENKOV**

Homepage `https://users.mccme.ru/skopenko/`

Born 15.10.1972. Graduated Kolmogorov College in 1989. Graduated Moscow State University in 1994. Post-graduate student at Moscow State University 1994–1997.

Ph. D. (Russian candidate degree) 1997, Moscow State University, Criteria for embeddability of compacta and polyhedra in Euclidean spaces.

Dr. Habil. (Russian doctor degree) 2003, Moscow State University, Embeddings of manifolds in Euclidean spaces.

Moscow Mathematical Society award for young mathematicians 1997.

Russian Academy of Sciences Award for young scientists 2003.

Academiae Europea Prize 2005.

The Pierre Deligne Stipend 2005.

The Dynasty Foundation Stipend 2013.

Besides,

• winner of International Mathematical Olympiad in 1989 (2nd prize).

• Faculty of Mechanics and Mathematics of Moscow State University award for students' research papers 1994.

• Moscow State University award for young scientists 1998.

• London Mathematical Society Grant 2002.

• Moscow State University stipend for young teachers and scientists 2002-2004.

• INTAS Grant Experienced Postdoctoral Fellowship 2003-04.

• Simons-IUM Fellowships 2011-2019.

More than 45 research papers, more than 30 expository papers and 5 expository books are published (excluding abstracts).

Main research publications:

• A. Skopenkov, On the deleted product criterion for embeddability of manifolds in $R^m$, Comment. Math. Helv. 72 (1997), 543–555.

• D. Repovs and A. Skopenkov, New results on embeddings of polyhedra and manifolds into Euclidean spaces, Russ. Math. Surv. 54:6 (1999), 1149–1196.

• A. Skopenkov, On the Haefliger-Hirsch-Wu invariants for embeddings and immersions, Comment. Math. Helv. 77 (2002), 78–124.

• A. Skopenkov, A new invariant and parametric connected sum of embeddings, Fund. Math. 197 (2007), 253–269. arXiv:math/0509621.

• A. Skopenkov, Embedding and knotting of manifolds in Euclidean spaces, in: Surveys in Contemporary Mathematics, Ed. N. Young and Y. Choi, London Math. Soc. Lect. Notes, 347 (2008) 248–342, arXiv:math/0604045.

• A. Skopenkov, A classification of smooth embeddings of 3-manifolds in 6-space, Math. Zeitschrift, 260:3 (2008) 647-672, arXiv:math/0603429.

• A. Skopenkov, A user's guide to the topological Tverberg conjecture, Russ. Math. Surv., 73:2(2018), arXiv:1605.05141.

• A. Skopenkov, How do autodiffeomorphisms act on embeddings, Proc. A of the Roy. Soc. of Edinburgh, 148:4 (2018), 835–848, arXiv:1402.1853.

• A. Skopenkov, Classification of knotted tori, Proc. A of the Roy. Soc. of Edinburgh, to appear, arXiv:1502.04470.

• S. Avvakumov, I. Mabillard, A. Skopenkov and U. Wagner, Eliminating Higher-Multiplicity Intersections, III. Codimension 2, Israel J. Math., to appear, arXiv:1511.03501.

• D. Crowley and A. Skopenkov, Embeddings of non-simply-connected 4-manifolds in 7-space. I. Classification modulo knots, Moscow Math. J., to appear. arXiv:1611.04738.

Main expository books:

• A. Skopenkov, Basic Differential Geometry As a Sequence of Interesting Problems (in Russian), MCCME, Moscow, 2009, 2010, 2016. arxiv:0801.1568

• A. Skopenkov, Algebraic Topology From Geometric Viewpoint (in Russian), MCCME, Moscow, 2015, 2020. http://www.mccme.ru/circles/oim/home/combtop13.htm#photo

• A. Chernov, A. Daynyak, A. Glibichuk, M. Ilyinskiy, A. Kupavskiy, A. Raigorodskiy and A. Skopenkov, Elements of Discrete Mathematics As a Sequence of Problems (in Russian), MCCME, Moscow, 2016. http://www.mccme.ru/circles/oim/discrbook.pdf

• Mathematics via problems: from olympiades and math circles to a profession (in Russian), editors: A. Zaslavsky, A. Skopenkov, and M. Skopenkov. MCCME, Moscow, 2018. http://www.mccme.ru/circles/oim/sturm.pdf

• A. Skopenkov, Mathematics via problems: from olympiades and math circles to a profession. Algebra. AMS, Providence, to appear.

Editorial board member of the international 'Manifold Atlas' project. Jury member of Moebius Prize. Worked as a referee for journals 'Advances in Math.', 'Algebraic and Geometric Topology', 'Archiv der Math.', 'Arnold Math. J.', 'Ars Combinatoria', 'Commentarii Math. Helvetici', 'Contemporary Math.' AMS book series, 'Discrete and Computational Geometry', 'European J. of Math.', 'Izvestiya Ross. Akad. Nauk', 'J. of Dynamics and Differential Equations', 'J. of Graph Theory', 'J. of Math. Physics', 'J. of Math. Analysis and Applications', 'Math. Proceedings, Cambridge Philosophical Society' 'Mat. Sbornik', 'Mat. Zametki', 'Proceedings of the American Math. Society', 'Revista Mat. Iberoamericana', 'SIAM J. on Discrete Math.', 'St Petersburg Math. J.' 'Topology and Its Application', 'Transformation Groups'.

Teaching at Faculty of Innovations and High Technology of Moscow Institute of Physics and Technics as full professor since 2012. Teaching at Faculty of Mechanics and Mathematics of Moscow State University without formal position in 1997-2003, as associate professor in 2003-2006, as full professor in 2006-2012. Since 1999 teaching at the Independent University of Moscow, since 2003 as full professor, in 2004-2008 member of Curriculum Board. Coadvisor of two Ph. D. thesis (Russian candidate dissertations). Coorganizer of students' math olympiad at Moscow State University in 2006-2011.

In 1990-2013 teaching at Kolmogorov College of Moscow State University, in 2001-2003 associate professor, in 2004-2005 full professor, in 2003-2004 and 2005-2013 without formal position. In 1991-1996 teaching at Moscow 57th school as an assistant teacher. Since 1993 teaching at various high-level mathematical circles and summer schools. In 1990-1996 participated in training of USSR or Russian national team for the International Math Olympiad. In 1991-2003 jury member of Russian Mathematical Olympiad of high-school students. In 2004-2009 a co-leader of Moscow team at the Olympiad. Since 1999 a jury member of the Summer Conference of the International Tournament of Towns. Since 2007 a Program Committee member of Moscow Conference of high-school students.