

Curriculum Vitae

Wiesław Kubiś

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Personal data: I was born 25 July 1971 in Rybnik, Poland. My nationality is Polish. I am married and have 2 children.

Education:

- (2007) Habilitation in mathematics, University of Warsaw, Poland.
- (2000) PhD in mathematics, with distinction, University of Silesia in Katowice, Poland.

Professional experience:

- (2008 – present) Researcher, Institute of Mathematics, Academy of Sciences of the Czech Republic, Prague, Czech Republic.
- (2008 – present) Associate Professor, Institute of Mathematics, Jan Kochanowski University in Kielce, Poland.
- (2005 – 2007) Assistant Professor, Institute of Mathematics, Swietokrzyska Academy in Kielce, Poland.
- (2000 – 2005) Assistant Professor, Institute of Mathematics, University of Silesia in Katowice, Poland.
- (1995 – 2000) Academic Teacher, Institute of Mathematics, University of Silesia in Katowice, Poland.

Postdoctoral and invited research positions:

- (September – December 2013) The Hausdorff Research Institute for Mathematics, Bonn, Germany. Invited to attend the Trimester Program *Universality and Homogeneity*.

- (October 2012) The Fields Institute for Research in Mathematical Sciences, Toronto, Canada. Attending the thematic program on Forcing and its Applications.
- (April – October 2010) Universitat de Valencia, Department of Mathematical Analysis, Valencia, Spain. Visiting professor position.
- (January – March 2007) University of Toronto and The Fields Institute for Research in Mathematical Sciences, Toronto, Canada. Visiting professor position.
- (June 2006) Université de Savoie, Department of Mathematics, Chambéry, France. Visiting professor position.
- (March – September 2004) Université Paris 7, L'Equipe de Logique Mathématique, Paris, France. NATO Science Fellowship.
- (September 2003 – March 2004) York University, Atkinson Faculty, Toronto, Canada. Postdoctoral position.
- (January – June 2003) University of Prince Edward Island, Department of Mathematics, Charlottetown, Canada. Postdoctoral position.
- (September – December 2002) The Fields Institute for Research in Mathematical Sciences, Toronto, Canada. Thematic Program in Set Theory and Analysis. Postdoctoral position.
- (September 2000 – August 2002) Ben-Gurion University of the Negev, Department of Mathematics, Beer-Sheva, Israel. Postdoctoral position.

Plenary/invited lectures at international conferences:

- (2013) Invited lecture, *4th European Set Theory Conference*, 15 – 18 July, Mon St Benet, near Barcelona, Spain.
- (2013) Plenary lecture, *Interactions between Logic, Topological structures and Banach spaces theory*, 19 – 24 May, Eilat, Israel.
- (2013) Series of invited lectures, *Applications of Logic in Philosophy and Foundations of Mathematics*, 6 – 10 May, Szklarska Poręba, Poland. Annual international conference gathering researchers in logic and its applications to philosophy.
- (2012) Invited lecture, *Workshop on Forcing Axioms and their Applications*, 22 – 26 October, Toronto, Canada. International workshop organized at the Fields Institute as part of the Thematic Program on Forcing and its Applications (July – December 2012).

- (2012) Invited lecture, *Continuous Logic and Functional Analysis*, 16 – 20 July, Lyon, France. International workshop devoted to special problems in functional analysis and related areas.
- (2012) Plenary lecture, *Trends in Set Theory*, 8 – 11 July, Warsaw, Poland. International conference in set theory and its applications, satellite to the 6th European Congress of Mathematics.
- (2011) Series of invited lectures, *Set-theoretic Techniques in Functional Analysis*, Banach Space Meeting, 21 – 24 February, Castro Urdiales, Spain. International mini-conference devoted to special subjects in Banach space theory.
- (2010) Plenary lecture, *Automorphism Groups of Topological Structures*, 19 – 24 June, Eilat, Israel. International conference devoted to special problems in topological algebra.
- (2010) Invited talk, *International Functional Analysis Meeting in Valencia on the Occasion of the 80th Birthday of Professor Manuel Valdivia*, 7 – 11 June, Valencia, Spain. International meeting with several sections in various branches of functional analysis.
- (2010) Invited lecture, *Young Set Theory Workshop*, 15 – 19 February, Seminarzentrum Raach near Vienna, Austria.
- (2010) Series of invited lectures, *Approximation Properties of Banach spaces*, 11 – 13 February, Castro Urdiales, Spain. International mini-conference devoted to special subjects in Banach space theory.
- (2008) Invited lecture, *Iberian Mathematical Meeting*, 3 – 5 October, Badajoz, Spain. International meeting with several sections, including Functional Analysis.
- (2007) Series of invited lectures, *Spring School on Banach Spaces*, 15 – 24 April, Paseky nad Jizerou, Czech Republic. International meeting devoted to structure and renormings of non-separable Banach spaces, and its interplay with topology, set theory and combinatorics.
- (2006) Plenary lecture, *10th Prague Topological Symposium*, 13 – 19 August, Prague, Czech Republic. International symposium in set-theoretic topology and related areas, organized traditionally each five years and bringing specialists from all over the world.
- (2002) Invited talk, *American Mathematical Society Special Session on Topology and Its Applications*, 6 – 9 January, Annual AMS Meeting in San Diego, USA.

Grants:

- (2012 – 2015) Category-theoretic framework for the Fraïssé-Jónsson construction. Grant No. DEC-2011/03/B/ST1/00419 by the National Science Center, Poland. Role: **leader**.
- (2010 – 2012) Structures and complexity in Banach spaces. Grant No. MTM2010-20190 by the Ministry of Science and Innovation, Spain. Role: participant.
- (2009 – 2014) New Frontiers of Infinity: Mathematical, Philosophical and Computational Prospects. An ESF Research Networking Program. Role: participant.
- (2009 – 2011) Topological and geometric structures in Banach spaces. Grant No. IAA 100 190 901 by the Czech Science Foundation, Czech Republic. Role: participant.
- (2007 – 2008) Projections in Banach spaces of continuous functions. Grant No. N201 024 32/0904 by the Ministry of Science and Higher Education, Poland. Role: **leader**.
- (2004) Spaces of continuous functions on compact spaces. NATO Science Fellowship. Role: **leader**.
- (2001) Topological properties of hyperspaces. Grant No. 5P03A04420 by the Committee for Scientific Research, Poland. Role: **leader**.

Conferences organized:

- (2014) 29th Summer Conference on Topology and its Applications, New York, USA. Member of the organizing committee (session *Topology in Functional Analysis*).
- (2013) Workshop on Fractal Structures, Ultrametrics and Ordered Fields, 17 – 20 April, Cieszyn, Poland. Member of the organizing committee. [13 participants]
- (2010) 25th Summer Conference on Topology and its Applications, 25 – 30 July, Kielce, Poland. Chair of the organizing committee. [101 participants]
- (2008) Set Theory, Topology and Banach Spaces, 7 – 11 July, Kielce, Poland. Member of the scientific committee. [47 participants]
- (2006) International Conference on Set-theoretic Topology, 20 – 25 August, Kielce, Poland. Vice-chair of the organizing committee. [44 participants]

PhD students:

- (started in 2011) Paweł Łabędzki, Jagiellonian University in Cracow, Poland.
- (started in 2010) Joanna Garbulińska-Węgrzyn, Jagiellonian University in Cracow, Poland.
- (started in 2010) Magdalena Nowak, Jagiellonian University in Cracow, Poland.

Memberships:

- (2012) Member of the Advisory Board of *Topological Algebra and Applications*. A new international peer-reviewed journal devoted to algebraic topological structures and their applications to other areas of mathematics, physics, economy, and computer science.
- (2008 – present) Polish Mathematical Society. Chair of the Kielce Section.

Awards:

- (2011) Prize for the best paper in journals published by the Institute of Mathematics, Academy of Sciences of the Czech Republic.
- (2007) Prize of the President of Jan Kochanowski University in Kielce, Poland, for excellence in research.
- (2000) Prize of the President of the University of Silesia in Katowice, Poland, for outstanding doctoral dissertation.

Other:

- (2012) Invitation to participate, as one of the experts, in the Hausdorff Trimester Program *Universality and Homogeneity*, September – December 2013, Hausdorff Center for Mathematics, Bonn, Germany.
- (2011) Lecture at the scientific session of *La Real Academia de Ciencias Exactas, Físicas y Naturales*, Madrid.

Publications:

Monograph

J. KĄKOL, W. KUBIŚ, AND M. LÓPEZ-PELLICER, *Descriptive Topology in Selected Topics of Functional Analysis*, Developments in Mathematics 24, Springer, New York, Dordrecht, Heidelberg, London, ISBN 978-1-4614-0528-3 (493 pages)

Articles

1. W. KUBIŚ, K. MOLTÓ, S. TROYANSKI, *Topological properties of the continuous function spaces on some ordered compacta*, Set-Valued Var. Anal. (to appear)
2. W. KUBIŚ, *Injective objects and retracts of Fraïssé limits*, Forum Math. (to appear)
3. J. FERRER, P. KOSZMIDER, W. KUBIŚ, *Almost disjoint families of countable sets and separable complementation properties*, J. Math. Anal. Appl. 401 (2013) 939–949
4. W. KUBIŚ AND S. SOLECKI, *A proof of the uniqueness of the Gurarii space*, Israel J. Math. 195 (2013) 449–456
5. W. KUBIŚ AND B. VEJNAR, *Covering an uncountable square by countably many continuous functions*, Proc. Amer. Math. Soc. 140 (2012) 4359–4368
6. J. GARBULIŃSKA AND W. KUBIŚ, *Remarks on Gurarii spaces*, Extracta Math. 26 (2011) 235–269
7. O. KALEŃDA AND W. KUBIŚ, *Complementation in spaces of continuous functions on compact lines*, J. Math. Anal. Appl. 386 (2012) 241–257
DOI: 10.1016/j.jmaa.2011.07.057
8. W. KUBIŚ AND S. TUREK, *A decomposition theorem for compact groups with application to supercompactness*, Cent. European J. Math. 9 (2011) 593–602
9. W. KUBIŚ AND A. MOLTÓ, *Finitely fibered Rosenthal compacta and trees*, Rev. R. Acad. Cienc. Exactas Fís. Nat. Ser. A Mat. (RACSAM) 105 (2011) 23–37
10. O. KALEŃDA AND W. KUBIŚ, *The structure of Valdivia compact lines*, Topology Appl. 157 (2010) 1142–1151
11. W. KUBIŚ AND M. RUBIN, *Extension and reconstruction theorems for the Urysohn universal metric space*, Czechoslovak Math. J. 60 (2010) 1–29
12. W. KUBIŚ, *Banach spaces with projectional skeletons*, J. Math. Anal. Appl. 350 (2009) 758–776

13. R. BONNET, L. FAOUZI, AND W. KUBIŚ, *Free Boolean algebras over unions of two well orderings*, *Topology Appl.* 156 (2009) 1177–1185
14. W. KUBIŚ, *Valdivia compact abelian groups*, *Rev. R. Acad. Cienc. Exactas Fís. Nat. Ser. A Mat. (RACSAM)* 102 (2008) 193–197
15. U. ABRAHAM, R. BONNET, AND W. KUBIŚ, *Poset algebras over well quasi-ordered posets*, *Algebra Universalis* 58 (2008) 263–286
16. W. KUBIŚ AND K. SAKAI, *Hausdorff hyperspaces of R^m and their dense subspaces*, *J. Math. Soc. Japan* 60 (2008) 193–217
17. W. KUBIŚ, *Linearly ordered compacta and Banach spaces with a projectional resolution of the identity*, *Topology Appl.* 154 (2007) 749–757
18. M.R. BURKE, W. KUBIŚ, AND S. TODORČEVIĆ, *Kadec norms on spaces of continuous functions*, *Serdica Math. J.* 32 (2006) 227–258
19. W. KUBIŚ, *Compact spaces generated by retractions*, *Topology Appl.* 153 (2006) 3383–3396
20. W. KUBIŚ AND H. MICHALEWSKI, *Small Valdivia compact spaces*, *Topology Appl.* 153 (2006) 2560–2573
21. W. KUBIŚ, O. OKUNEV, AND P. SZEPTYCKI, *On some classes of Lindelöf Σ -spaces*, *Topology Appl.* 153 (2006) 2574–2590
22. W. KUBIŚ AND V. USPENSKIJ, *A compact group which is not Valdivia compact*, *Proc. Amer. Math. Soc.* 133 (2005) 2483–2487
23. W. KUBIŚ, K. SAKAI, AND M. YAGUCHI, *Hyperspaces of separable Banach spaces with the Wijsman topology*, *Topology Appl.* 148 (2005) 7–32
24. M. KOJMAN, W. KUBIŚ, AND S. SHELAH, *On two problems of Erdős and Hechler: new methods in singular madness*, *Proc. Amer. Math. Soc.* 132 (2004) 3357–3365
25. U. ABRAHAM, R. BONNET, W. KUBIŚ, AND M. RUBIN, *On poset Boolean algebras*, *Order* 20 (2004) 265–290
26. W. KUBIŚ AND A. LEIDERMAN, *Semi-Eberlein spaces*, *Topology Proceedings* 28 (2004) 603–616
27. W. KUBIŚ, *Complete metric absolute neighborhood retracts*, *Topology Appl.* 132 (2003) 251–259

28. W. KUBIŚ, *Perfect cliques and G_δ colorings of Polish spaces*, Proc. Amer. Math. Soc. 131 (2003) 619–623
29. W. KUBIŚ AND S. SHELAH, *Analytic colorings*, Ann. Pure Appl. Logic 121 (2003) 145–161
30. C. COSTANTINI AND W. KUBIŚ, *Paths in hyperspaces*, Appl. Gen. Topol. 4 (2003) 377–390
31. S. GESCHKE, M. KOJMAN, W. KUBIŚ, AND R. SCHIPPERUS, *Convex decompositions in the plane and continuous pair colorings of the irrationals*, Israel J. Math. 131 (2002) 285–317
32. W. KUBIŚ, *Separation properties of convexity spaces*, J. Geom. 74 (2002) 110–119
33. W. KUBIŚ, *A sandwich theorem for convexity preserving maps*, Tatra Mt. Math. Publ. 24, part II, (2002) 125–131
34. W. KUBIŚ, *A characterization of complete Boolean algebras*, Bull. Polish Acad. Sci. Math. 49 (2001) 91–95
35. W. KUBIŚ AND A. KUCHARSKI, *Convexity structures in zero-dimensional compact spaces*, Math. Pannon. 12 (2001) 177–183
36. W. KUBIŚ, *Extension theorems in axiomatic theory of convexity*, Bull. Polish Acad. Sci. Math. 48 (2000) 89–96
37. W. KUBIŚ, *Extension criterion for continuous convexity preserving maps*, Tatra Mt. Math. Publ. 19, part II, (2000) 167–175
38. B. KUBIŚ AND W. KUBIŚ, *Fréchet type theorem and its applications to multi-functions*, Bull. Polish Acad. Sci. Math. 48 (2000) 165–170