

Curriculum Vitae

Wiesław Kubiś

September 24, 2015

Personal data: Born 25 July 1971 in Rybnik, Poland. Nationality: Polish.

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, Świętokrzyska 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, as one of the experts, 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:

1. (2015) Invited lecture, *Homogeneous Structures*, 8 – 13 November, Banff International Research Station, Alberta, Canada.
2. (2015) Invited lecture in section *Logic and Theoretical Computer Science*, annual meeting of the Deutschen Mathematiker-Vereinigung (DMV), 21 – 25 September, Hamburg, Germany.
3. (2015) Plenary lecture, *XXIX International Summer Conference on Real Functions Theory*, 6 – 11 September, Niedzica, Poland.
4. (2015) Plenary lecture, *AAA90 — Arbeitstagung Allgemeine Algebra*, 5 – 7 June, Novi Sad, Serbia.
5. (2014) Plenary lecture, *ALaNT 3—Joint Conferences on Algebra, Logic and Number Theory*, 8 – 13 June, Będlewo, Poland.

6. (2014) Invited lecture, *14th Colloquiumfest*, 28 February – 1 March, Saskatoon, Canada,
7. (2013) Invited lecture, *4th European Set Theory Conference*, 15 – 18 July, Mon St Benet, near Barcelona, Spain.
8. (2013) Plenary lecture, *Interactions between Logic, Topological structures and Banach spaces theory*, 19 – 24 May, Eilat, Israel.
9. (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.
10. (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).
11. (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.
12. (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.
13. (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.
14. (2010) Plenary lecture, *Automorphism Groups of Topological Structures*, 19 – 24 June, Eilat, Israel. International conference devoted to special problems in topological algebra.
15. (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 section in various branches of functional analysis.
16. (2010) Invited lecture, *Young Set Theory Workshop*, 15 – 19 February, Seminarzentrum Raach near Vienna, Austria.
17. (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.

18. (2008) Invited lecture, *Iberian Mathematical Meeting*, 3 – 5 October, Badajoz, Spain. International meeting with several sections, including Functional Analysis.
19. (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.
20. (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.
21. (2002) Invited talk, *American Mathematical Society Special Session on Topology and Its Applications*, 6 – 9 January, Annual AMS Meeting in San Diego, USA.

Grants:

- (2015 – 2016) *Universal profinite graphs*. Joint research grant between DAAD (Germany) and the Ministry of Science (Czech Republic). Role: **leader**.
- (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) *Interactions between Algebra and Functional Analysis*, 17 – 21 December, Prague, Czech Republic. Chair of the organizing committee.
- (2014) *Joint Meeting of the German Mathematical Society and the Polish Mathematical Society*, 17–20 September, Poznań, Poland. Member of the organizing committee, session *Topology in Functional Analysis*.
- (2014) *29th Summer Conference on Topology and its Applications*, 23–26 July, 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.
- (2010) *25th Summer Conference on Topology and its Applications*, 25 – 30 July, Kielce, Poland. Chair of the organizing committee.
- (2008) *Set Theory, Topology and Banach Spaces*, 7 – 11 July, Kielce, Poland. Member of the scientific committee.
- (2006) *International Conference on Set-theoretic Topology*, 20 – 25 August, Kielce, Poland. Vice-chair of the organizing committee.

PhD students:

- (started in 2015) Claudia Viscardi, University of Milan, Italy.
- (started in 2012) Marta Walczyńska, University of Silesia in Katowice, Poland.
- (2010 – 2014) Joanna Garbulińska-Węgrzyn, Jagiellonian University in Kraków, Poland.
- (2010 – 2014) Magdalena Nowak, Jagiellonian University in Kraków, Poland.

Refereeing PhD theses:

- (2015) Emilia Szymonik, *Zbiory generowane przez sumy podszeregów*, Technical University of Łódź, Poland.
- (2015) Adam Majchrzycki, *Otwartość odwzorowań dwuliniowych i pewne własności funkcji całkowalnych*, Technical University of Łódź, Poland.
- (2014) Wojciech Bielas, *Łańcuchy w przestrzeniach topologicznych i kratkach*, University of Silesia, Katowice, Poland.

- (2014) Marek Cúth, *Separable reduction theorems, systems of projections and retractions*, Charles University, Prague, Czech Republic.
- (2013) Michal Doucha, *Forcing, descriptive set theory, analysis*, Charles University, Prague, Czech Republic.
- (2010) Piotr Kalembe, *Typy idealów a różnorodne warunki forcingowe*, University of Silesia, Katowice, 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 – 2015) 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:

- (2015) Member of the Habilitation Committee (applicant: Maciej Malicki), Institute of Mathematics, Polish Academy of Sciences, Warsaw, Poland.
- (2014) Member of the PhD committee (student: David Guerrero Sánchez), University of Murcia, Spain.
- (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.
- (2009) Member of the Habilitation Committee (applicant: Jindřich Zapletal), Charles University, Prague, Czech Republic.

Publications:

Published one monograph and 44 research papers in peer-reviewed journals. According to Web of Science (access: 24.09.2015), received 125 citations without self-citations; h-index: 9.

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. S. GABRIYELYAN, J. KĄKOL, W. KUBIŚ, W. MARCISZEWSKI, *Networks for the weak topology of Banach and Frchet spaces*, J. Math. Anal. Appl. 432 (2015) 1183–1199.
2. J. GARBULIŃSKA-WĘGRZYN, W. KUBIŚ, *A universal operator on the Gurarii space*, J. Operator Theory 73 (2015) 143–158.
3. W. KUBIŚ, *Injective objects and retracts of Fraïssé limits*, Forum Math. 27 (2015) 807–842.
4. W. KUBIŚ, *Fraïssé sequences: category-theoretic approach to universal homogeneous structures*, Ann. Pure Appl. Logic 165 (2014) 1755–1811.
5. F. CABELLO SÁNCHEZ, J. GARBULIŃSKA-WĘGRZYN, W. KUBIŚ, *Quasi-Banach spaces of almost universal disposition*, J. Functional Anal. 267 (2014) 744–771.
6. T. BANAKH, R. BONNET, W. KUBIŚ, *Means on scattered compacta*, Topological Algebra and Applications 2 (2014) 5–10.
7. W. KUBIŚ, A. KUCHARSKI, S. TUREK, *Parovičenko spaces with structures*, Rev. R. Acad. Cienc. Exactas Fís. Nat. Ser. A Mat. (RACSAM) 108 (2014) 989–1004.
8. W. KUBIŚ, K. MOLTÓ, S. TROYANSKI, *Topological properties of the continuous function spaces on some ordered compacta*, Set-Valued Var. Anal. 21 (2013) 649–659.
9. J. FERRER, P. KOSZMIDER, W. KUBIŚ, *Almost disjoint families of countable sets and separable complementation properties*, J. Math. Anal. Appl. 401 (2013) 939–949.

10. W. KUBIŚ AND S. SOLECKI, *A proof of the uniqueness of the Gurarii space*, Israel J. Math. 195 (2013) 449–456.
11. W. KUBIŚ AND B. VEJNAR, *Covering an uncountable square by countably many continuous functions*, Proc. Amer. Math. Soc. 140 (2012) 4359–4368.
12. O. KALENDA AND W. KUBIŚ, *Complementation in spaces of continuous functions on compact lines*, J. Math. Anal. Appl. 386 (2012) 241–257.
13. J. GARBULIŃSKA AND W. KUBIŚ, *Remarks on Gurarii spaces*, Extracta Math. 26 (2011) 235–269.
14. W. KUBIŚ AND S. TUREK, *A decomposition theorem for compact groups with application to supercompactness*, Cent. European J. Math. 9 (2011) 593–602.
15. 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.
16. O. KALENDA AND W. KUBIŚ, *The structure of Valdivia compact lines*, Topology Appl. 157 (2010) 1142–1151.
17. W. KUBIŚ AND M. RUBIN, *Extension and reconstruction theorems for the Urysohn universal metric space*, Czechoslovak Math. J. 60 (2010) 1–29.
18. W. KUBIŚ, *Banach spaces with projectional skeletons*, J. Math. Anal. Appl. 350 (2009) 758–776.
19. R. BONNET, L. FAOUZI, AND W. KUBIŚ, *Free Boolean algebras over unions of two well orderings*, Topology Appl. 156 (2009) 1177–1185.
20. W. KUBIŚ, *Valdivia compact abelian groups*, Rev. R. Acad. Cienc. Exactas Fís. Nat. Ser. A Mat. (RACSAM) 102 (2008) 193–197.
21. U. ABRAHAM, R. BONNET, AND W. KUBIŚ, *Poset algebras over well quasi-ordered posets*, Algebra Universalis 58 (2008) 263–286.
22. W. KUBIŚ AND K. SAKAI, *Hausdorff hyperspaces of R^m and their dense subspaces*, J. Math. Soc. Japan 60 (2008) 193–217.
23. W. KUBIŚ, *Linearly ordered compacta and Banach spaces with a projectional resolution of the identity*, Topology Appl. 154 (2007) 749–757.
24. M.R. BURKE, W. KUBIŚ, AND S. TODORČEVIĆ, *Kadec norms on spaces of continuous functions*, Serdica Math. J. 32 (2006) 227–258.
25. W. KUBIŚ, *Compact spaces generated by retractions*, Topology Appl. 153 (2006) 3383–3396.

26. W. KUBIŚ AND H. MICHALEWSKI, *Small Valdivia compact spaces*, Topology Appl. 153 (2006) 2560–2573.
27. W. KUBIŚ, O. OKUNEV, AND P. SZEPTYCKI, *On some classes of Lindelöf Σ -spaces*, Topology Appl. 153 (2006) 2574–2590.
28. W. KUBIŚ AND V. USPENSKIJ, *A compact group which is not Valdivia compact*, Proc. Amer. Math. Soc. 133 (2005) 2483–2487.
29. W. KUBIŚ, K. SAKAI, AND M. YAGUCHI, *Hyperspaces of separable Banach spaces with the Wijsman topology*, Topology Appl. 148 (2005) 7–32.
30. 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.
31. U. ABRAHAM, R. BONNET, W. KUBIŚ, AND M. RUBIN, *On poset Boolean algebras*, Order 20 (2004) 265–290.
32. W. KUBIŚ AND A. LEIDERMAN, *Semi-Eberlein spaces*, Topology Proceedings 28 (2004) 603–616.
33. W. KUBIŚ, *Complete metric absolute neighborhood retracts*, Topology Appl. 132 (2003) 251–259.
34. W. KUBIŚ, *Perfect cliques and G_δ colorings of Polish spaces*, Proc. Amer. Math. Soc. 131 (2003) 619–623.
35. W. KUBIŚ AND S. SHELAH, *Analytic colorings*, Ann. Pure Appl. Logic 121 (2003) 145–161.
36. C. COSTANTINI AND W. KUBIŚ, *Paths in hyperspaces*, Appl. Gen. Topol. 4 (2003) 377–390.
37. 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.
38. W. KUBIŚ, *Separation properties of convexity spaces*, J. Geom. 74 (2002) 110–119.
39. W. KUBIŚ, *A sandwich theorem for convexity preserving maps*, Tatra Mt. Math. Publ. 24, part II, (2002) 125–131.
40. W. KUBIŚ, *A characterization of complete Boolean algebras*, Bull. Polish Acad. Sci. Math. 49 (2001) 91–95.

41. W. KUBIŚ AND A. KUCHARSKI, *Convexity structures in zero-dimensional compact spaces*, Math. Pannon. 12 (2001) 177–183.
42. W. KUBIŚ, *Extension theorems in axiomatic theory of convexity*, Bull. Polish Acad. Sci. Math. 48 (2000) 89–96.
43. W. KUBIŚ, *Extension criterion for continuous convexity preserving maps*, Tatra Mt. Math. Publ. 19, part II, (2000) 167–175.
44. B. KUBIŚ AND W. KUBIŚ, *Fréchet type theorem and its applications to multi-functions*, Bull. Polish Acad. Sci. Math. 48 (2000) 165–170.