

Curriculum vitae of Vladimir Müller

born: 1950

1968–73: study at the Faculty of Mathematics and Physics, Charles University, Prague

1974: RNDr. (doctor of natural sciences)

1979: CSc. (equivalent to PhD)

1993: DrSc. (doctor of sciences)

2004: docent

2006: professor

Present position: head of Department of Topology and Functional Analysis, Mathematical Institute, Czech Academy of Sciences (since 1992).

Fields of interest: operator theory, theory of Banach and topological algebras, spectral theory, combinatorics, graph theory. The most important results concern the reconstruction hypothesis for graphs, nonremovable ideals in Banach algebras, numerical radius of operators, orbits and capacity of operators, axiomatic theory of spectrum, hypercyclic and supercyclic vectors and the invariant subspace problem.

Publications: more than 150 original research papers. The most important publication is the monography "Spectral Theory of Operators", which appeared in Birkhäuser Verlag in 2003. The second (extended) edition appeared in 2007.

Doctoral students: I was supervisor of 3 doctoral students in Seville and Prague.

Further activities:

chair of the Committee for Mathematics and Physics, Grant Agency of Czech Academy of Sciences, 2006–14

member of the Mathematics panel P201, Grant Agency of the Czech Republic, since 2013 (since 2015 Deputy Chairman)

chair of the Committee for receiving the Scientific degree DSc. in the field: Mathematical Analysis and Related Subjects, since 2013

member of the Board of the Institute of Mathematics, Czech Academy of Sciences and the Scientific Advisory Board of Mathematical Institute, Silesian University, Opava

member of the Czech committee for mathematics, 2010–14

editor of 8 mathematical journals.

Foreign languages: English, German, Spanish, Polish.

Longer stays abroad:

2014 University of Auckland, New Zealand, 1 month

2010/11 Universidad Politecnica de Valencia, Spain, 3 months

2010 Université des Sciences et Technologies de Lille, France, 2 months

2008 University of Torun, Poland, 1 month

2007 University of Torun, Poland, 1 month

2006 Mathematical Institute PAN, Warsaw and University of Torun, Poland, 2 months

2006 Université des Sciences et Technologies de Lille, France, 1 month
 2004 Université des Sciences et Technologies de Lille, France, 2 months
 2003 Technische Universität Berlin, Germany, 1 month
 2002 Universidad de Cádiz, Spain, 1 month
 1999 UAM, Itzapalapa, Mexico City, 1 month
 1998 Universität des Saarlandes, Saarbrücken, Germany, 3 months
 1997 Universidad National Autonoma de Mexico, Mexico City, 1 month
 1995/96 Georgia Institute of Technology, Atlanta, USA, 9 months — Visiting Professor
 1995 Université des Sciences et Technologies de Lille, France, 1 month
 1993 Universidad National Autonoma de Mexico, Mexico City, 1 month
 1991–92 Universität des Saarlandes, Saarbrücken, Germany, 16 months — Alexander von Humboldt grant
 1990 E. S. Ingenieros Industriales, Seville, Spain, 2 months
 1989 E. S. Ingenieros Industriales, Seville, Spain, 9 months, grant of the Spanish Ministry of Education
 1983–85 Federal University of Technology, Makurdi, Nigeria, 2 years — Visiting professor
 1982 Banach Center, Warsaw, Poland, 1 month
 1980 INCREST, Bucharest, Romania, 1 month
 1979 INCREST, Bucharest, Rumania, 1 month
 1977 Banach Center, Warsaw, Poland, 3 months

Invited speaker on international conferences in the last 5 years:

International Workshop on Operator Theory 2014, Belfast, Northern Ireland.
 4th Small Workshop on Operator Theory, Krakow, Poland, 2014.
 25th International Conference on Operator Theory, Timisoara, Roumania, 2014.
 7th Linear Algebra Workshop, Ljubljana, Slovenia, 2014.
 Sz.-Nagy Centennial Conference, Szeged, Hungary, 2013.
 Operators on Banach Spaces, Castro Urdiales, Spain, 2013.
 Operator Theory and applications, Oujda, Morocco, 2012.
 The 2012 Haifa Matrix Theory Conference, Haifa, Izrael, 2012.
 North Britain Functional Analysis Seminar, Newcastle, Great Britain, 2012.
 WOTCA-2012, Lisboa, Portugal, 2012.
 Operator Theory and operator algebras, Shanghai, China, 2012.
 ICRAMSA, Kolkata, India, 2011.
 24th International Conference on Operator Theory, Timisoara, Roumania, 2012.
 ÖMG Tagung CSACS2011, minisymposium Operator Theory, Krems, Austria, 2011.
 6th Linear Algebra Workshop, Kranjska Gora, Slovenia, 2011.
 Ergodic Theorems, Group Actions and Applications, Eilat, Izrael, 2011.
 Asymptotics of operator semigroups, Luminy, France, 2011.
 RIMS, Kyoto, Japan, 2010.
 Multivariable Operator Theory, Banff, Canada, 2010.
 IWOTA 2010, Berlin (seminary lecture).

23th International Conference on Operator Theory, Timisoara, Roumania, 2010.
 Functional Analysis Valencia 2010, Spain (invited lecture in section).
 Operator Theory and Related Topics, Lille, France, 2010.
 Operator Theory and Applications: Perspectives and Challenges, Jurata, Poland, 2010.
 First Meeting on Asymptotics of Operator Semigroups, Oxford, Great Britain, 2009.
 International Conference on Operator Theory ICOT, Sousse, Tunisia, 2009.
 Banach Algebras 09, Bedlewo, Poland, 2009.
 Functional Analysis and its Applications, Nis, Serbia, 2009.
 Hypercyclicity and chaos for linear operators, Valencia, Spain, 2009.
 Spectral theory of operators and applications, Centre International de Rencontres Mathematiques (CIRM), Marseille-Luminy, France, 2009.
 22th International Conference on Operator Theory, Timisoara, Roumania, 2008.
 3rd Small Workshop on Operator Theory (SWOT08), Krakow, Poland, 2008.
 10th Korean Operator Theory and Applications Conference (KOTAC), Seoul, South Korea, 2008.
 2nd International Conference on Linear Preservers and Operator Theory (COLPOT), Meknes, Morocco, 2008.
 5th Linear Algebra Workshop 08 (LAW08), Kranjska Gora, Slovenia, 2008.
 Journées d'Analyse Fonctionnelle et Harmonique, Lille, France, 2008.
 36th Winter School in Abstract Analysis, Lhota n. Rohanovem, Czech Republic, 2008, 3 lectures.

Further invited talks abroad:

universities of Ljubljana, Maribor, Sevilla, Cadiz, Krakow, Poznań, Newcastle, Oulu, Helsinki, Bordeaux, Torun, Berlin, Lille, Yokohama, Rabat, Dublin, Belfast, Valencia, Athens, Mexico City, Puebla, La Laguna, Buenos Aires, Innsbruck, Auckland.
 mathematical institutes in Warsaw, Bucharest, Wien.