Contact Information

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Current Position

05/2017 - present: Researcher, Institute of Mathematics of the Czech Academy of Sciences

Recent Employments

10/2016 - 03/2017: Postdoctoral Researcher, The University of Warsaw, Faculty of Mathematics, Informatics and Mechanics

01/2014 - 04/2017: Postdoctoral Researcher, Institute of Mathematics of the Czech Academy of Sciences

09/2013 - 12/2014: Assistant Professor, University of Economics, Prague, Faculty of Informatics and Statistics

Fellowships

2014 - 2015: Support Programme for the Perspective Human Resources, founded by the Czech Academy of Sciences

Education and Degrees

Ph.D. (2013): Charles University in Prague, Faculty of Mathematics and Physics
PhD thesis *Applications of descriptive set theory in mathematical analysis*, supervisor Miroslav Zelený

Mgr. (2009): Charles University in Prague, Faculty of Mathematics and Physics
Diploma thesis *Infinite games and their applications*, supervisor Miroslav Zelený

Bc. (2007): Charles University in Prague, Faculty of Mathematics and Physics
Bachelor's thesis *Křivky Peanova typu* (in Czech), supervisor Jaroslav Lukeš

Recent Research Visits

08/2016 - 09/2016: The University of Auckland, New Zealand

Recent Research Projects

2018 - 2020:	Graph limits and inhomogeneous random graphs Grant number 18-01472Y by the Czech Science Foundation, role: team member
2017 - 2019:	Generic objects Grant number 17-27844S by the Czech Science Foundation, role: team member
2016 - 2018:	Nonlinear analysis in Banach spaces Grant number GA16-07378S by the Czech Science Foundation, role: team member
2010 - 2012:	Applications of descriptive set theory in mathematical analysis Grant number 149410 by the Charles University Grant Agency, role: leader

Awards

2017:	Otto Wichterle Award for young researchers, awarded by the Czech Academy of Sciences
2009:	First place in the SVOČ category Mathematical Analysis - Theory of Functions and Function Spaces (competition of students from Czech and Slovak universities in scientific activity in mathematics)
2008 - 2009:	Award of the Dean of the Faculty of Mathematics and Physics for the best diploma thesis

Teaching

2016 - 2017:	University of Warsaw, Faculty of Economic Sciences, problem solving sessions in a basic course in linear algebra
2013 - 2014:	University of Economics, Prague, Faculty of Informatics and Statistics, problem solving sessions in a basic course in calculus and linear algebra
2008 - 2013:	Charles University in Prague, Faculty of Mathematics and Physics, problem solving sessions in basic courses in calculus

Publication Activity

WoS:	13 publications, 17 citations, H-index 3
Scopus:	14 publications, 21 citations, H-index 3

Research Profile

Descriptive set theory, real and functional analysis, topology. Structural properties of sigma-ideals of small sets.