

Institute of Mathematics of the Czech Academy of Sciences
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Czech Republic

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PERSONAL INFORMATION Born on 22 March 1985 in Prague, Czech Republic.
Married.

EDUCATION **Ph.D. (2013) Charles University in Prague**
Faculty of Mathematics and Physics
Study program Mathematics, branch Mathematical Analysis
Title of dissertation: *Applications of descriptive set theory in mathematical analysis*
Supervisor: doc. RNDr. Miroslav Zelený, Ph.D.

Mgr. (2009) Charles University in Prague
Faculty of Mathematics and Physics
Study program Mathematics, branch Mathematical Analysis
Graduated with honours
Title of diploma thesis: *Infinite games and their applications*
Supervisor: doc. RNDr. Miroslav Zelený, Ph.D.

Bc. (2007) Charles University in Prague
Faculty of Mathematics and Physics
Study program Mathematics, branch General mathematics
Graduated with honours
Title of bachelor's thesis: *Křivky Peanova typu*
Supervisor: prof. RNDr. Jaroslav Lukeš, DrSc.

PROFESSIONAL EXPERIENCE **01/2014 - present**
Institute of Mathematics of the Czech Academy of Sciences
Researcher

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

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

- RESEARCH VISITS **08/2016 - 09/2016**
The University of Auckland, New Zealand
- GRANTS **Graph limits and inhomogeneous random graphs** (2018 - 2020)
Grant number 18-01472Y by the Czech Science Foundation
Role: *participant*
- Generic objects** (2017 - 2019)
Grant number 17-27844S by the Czech Science Foundation
Role: *participant*
- Nonlinear analysis in Banach spaces** (2016 - 2018)
Grant number GA16-07378S by the Czech Science Foundation
Role: *participant*
- Theory of real functions and descriptive set theory III** (2012 - 2014)
Grant number GAP201/12/0436 by the Czech Science Foundation
Role: *participant*
- Applications of descriptive set theory in mathematical analysis**
(2010 - 2012)
Grant number 149410 by the Charles University Grant Agency
Role: *leader*
- Theory of real functions and descriptive set theory II** (2009 - 2011)
Grant number GA201/09/0067 by the Czech Science Foundation
Role: *participant*
- AWARDS AND FELLOWSHIPS **Otto Wichterle Award for young researchers**
The Czech Academy of Sciences
- Support Programme for the Perspective Human Resources** (2014 - 2015)
Fellowship founded by the Czech Academy of Sciences
- SVOČ 2009** - First place in the category *Mathematical analysis - Theory of Functions and Function Spaces*
Competition of students from Czech and Slovak universities in scientific activity in mathematics
- Award of the Dean** of the Faculty of Mathematics and Physics for the best master thesis of the academic year 2008 - 2009
- CONFERENCES **06/2018** - Summer Symposium in Real Analysis XLII
Saint-Petersburg, Russian Federation
- 03/2018** - Workshop Graph limits in Bohemian Switzerland
Janov, Czech Republic

09/2017 - Set Theoretic Methods in Topology and Analysis
Będlewo, Poland

06/2017 - Summer Symposium in Real Analysis XLI
The College of Wooster, Wooster OH, USA

09/2016 - Interactions between Algebra and Functional Analysis
Prague, Czech Republic

01/2016 - Winter School in Abstract Analysis
Svratka, Czech Republic

01/2015 - Winter School in Abstract Analysis
Svratka, Czech Republic

12/2014 - Interactions between Algebra and Functional Analysis
Prague, Czech Republic

10/2014 - Joint Prague-Vienna Logic & Set Theory Meeting
Prague, Czech Republic

01/2014 - Winter School in Abstract Analysis
Svratka, Czech Republic

01/2013 - Winter School in Abstract Analysis
Kácov, Czech Republic

06/2012 - Summer Symposium in Real Analysis XXXVI
Pennsylvania State University, Berks, PA, USA

01/2012 - Winter School in Abstract Analysis
Klenčí pod Čerchovem, Czech Republic

06/2011 - Summer Symposium in Real Analysis XXXV
Budapest, Hungary

01/2011 - Winter School in Abstract Analysis
Kácov, Czech Republic

06/2010 - Week of doctoral students
Prague, Czech Republic

05/2010 - Spring School on Analysis
Paseky nad Jizerou, Czech Republic

01/2010 - Winter School in Abstract Analysis
Klenčí pod Čerchovem, Czech Republic

01/2009 - Winter School in Abstract Analysis
Kácov, Czech Republic

01/2008 - Winter School in Abstract Analysis
Lhota nad Rohanovem, Czech Republic

TEACHING
EXPERIENCE

University of Warsaw, Faculty of Economic Sciences (2016 - 2017)
Problem solving sessions in a basic course in linear algebra

**University of Economics, Prague, Faculty of Informatics and
Statistics (2013)**
Problem solving sessions in a basic course in calculus and linear algebra

**Charles University in Prague, Faculty of Mathematics and Physics
(2008 - 2013)**
Problem solving sessions in basic courses in calculus