

Institute of Mathematics of the Czech Academy of Sciences  
Žitná 25  
115 67 Praha 1  
Czech Republic

email: dolezal@math.cas.cz  
tel.: +420 222 090 787

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 **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      **University of Warsaw, Faculty of Economic Sciences** (2016 - 2017)  
EXPERIENCE    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