Contact Information

Address: Institute of Mathematics of the Czech Academy of Sciences

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Phone: +420 222090715 Citizenship: Czech Republic

Recent Employment

- 2017 onwards: Researcher, Institute of Mathematics of the Czech Academy of Sciences
- 2011–2016: Postdoctoral researcher, Institute of Mathematics of the Czech Academy of Sciences
- September 2015: Visiting professor, Shizuoka University, Shizuoka, Japan
- January–June 2013: Postdoctoral Fellow, York University, Toronto; mentor: Juris Steprans
- July–December 2012: Fields Postdoctoral Fellow, Fields Institute, Toronto; mentor: Juris Steprans
- March–June 2011: Pre-doctoral researcher, Kurt Gödel Research Center for Mathematical Logic (KGRC), Vienna
- 2009–2011: Research assistant, Charles University in Prague, Faculty of Arts

Education

- 2001–2006 Mgr. in Mathematics (with honors), thesis *Relative Topological Properties*, supervisor E. Murtinová, Charles University in Prague, Faculty of Mathematics and Physics
- 2005–2006 M.A. in Mathematics, supervisor J. Vaughan, University of North Carolina in Greensboro
- 2006–2011 PhD in Mathematics (with honors), thesis *On the Katowice Problem*, supervisor P. Simon, Charles University in Prague, Faculty of Mathematics and Physics
- 2012 RNDr. in Mathematics, Charles University in Prague, Faculty of Mathematics and Physics

Papers published or accepted in international journals: 11

Supervised PhD students: Jan Grebík, Dávid Uhrik (both Faculty of Mathematics and Physics, Charles University in Prague)

Teaching Experience

- York University, Toronto; MATH 1310 Integral calculus with applications; spring term 2013
- Shizuoka University; Cryptography (lecture)
- Charles University in Prague, Faculty of Mathematics and Physics;
 Forcing, Set Theory, Seminar on Forcing, Seminar on Reckoning

Other

- Winter School in Abstract Analysis, Section Set Theory and Topology, years 2009–2019 head organizer
- Joint Prague-Vienna Set Theory Workshop 2016, head organizer
- The Eleventh Prague Symposium on General Topology and its Relations to Modern Analysis and Algebra – Toposym 2011; organizer
- The Twelfth Prague Symposium on General Topology and its Relations to Modern Analysis and Algebra – Toposym 2016; head organizer
- 2019 European Summer Meeting of the Association for Symbolic Logic (Logic Colloquium '19); organizing committee co-chair
- Set-Theoretic Methods in Topology and Real Functions Theory, dedicated to 80th birthday of Lev Bukovský, 2019, program committee member

Editorial work

- Topology and its Applications, special issue editor;
- Commentationes Mathematicae Universitatis Carolinae, special issue editor

Reviewed for: Israel Journal of Mathematics, Fundamenta Mathematicae, Annals of Pure and Applied Logic, Topology and its Applications, Archive for Mathematical Logic, Canadian Journal of Mathematics, MathSciNet Mathematical Reviews, Commentationes Mathematicae Universitatis Carolinae, Acta Universitatis Carolinae. Mathematica et Physica, Acta Universitatis Carolinae. Miscellanea Logica, Arabian Journal of Mathematics

Other: Institute of Mathematics CAS – Board of the Institute secretary (since 2017), Hiring committee secretary (since 2018)