

Daniel T. Soukup

Curriculum Vitae

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Education

- 2011– **PhD candidate**, *University of Toronto*, Toronto, ON, Canada.
Expected defence: 2015. Supervisor: William A. R. Weiss
- 2011 **MSc in Mathematics**, *Eötvös Loránd University*, Budapest, Hungary.
With Honours.
- 2009 **BSc in Mathematics**, *Eötvös Loránd University*, Budapest, Hungary.

Publications

- 8. D. T. Soukup. Trees, ladders and graphs. Submitted to the *Journal of Comb. Theory Series B* (arXiv:1409.2922)
- 7. D. T. Soukup; L. Soukup. Partitioning bases of topological spaces. *Comment. Math. Univ. Carolin.* 55,4 (2014) 537–566.
- 6. D. T. Soukup; L. Soukup; S. Spadaro. Comparing weak versions of separability. *Topology Appl.* 160 (2013), no. 18, 2538–2566.
- 5. D. T. Soukup; P. Szeptycki. The union of two D-spaces may not be D. *Fund. Math.* 220 (2013), no. 2, 129–137.
- 4. D. T. Soukup; P. Szeptycki. A counterexample in the theory of D-spaces. *Topology Appl.* 159 (2012), no. 10-11, 2669–2678.
- 3. D. T. Soukup. Constructing aD, non D-spaces. *Topology Appl.* 158 (2011), no. 10, 1219–1225.
- 2. D. T. Soukup; X. Yuming. The Collins-Roscoe mechanism and D-spaces. *Acta Math. Hun.* Vol. 131, Number 3 (2011), 275–284.
- 1. D. T. Soukup. Properties D and aD are different. *Top. Proc.* 38 (2011) 279–299.

Awards

- 2014 **Daniel B. DeLury Teaching Award**, *University of Toronto*.
- 2011 **Pro Scientia Gold Medal**, *Republic of Hungary*.
- 2011 **Rényi Kató Memorial Prize**, *János Bolyai Mathematical Society*.
- 2011 **1st prize**, *XXX. National Student Research Conference*, College of Nyíregyháza.
- 2010 **1st prize**, *Student Research Conference*, Eötvös Loránd University.
- 2008 **2nd prize**, *Student Research Conference*, Eötvös Loránd University.

Scholarships

- 2011–2015 **Ontario Trillium Scholarship**, *University of Toronto*.
- 2010–2011 **Scholarship of the Republic of Hungary**, *Eötvös Loránd University*.

Conference talks

- 2014 **Davies-trees in infinite combinatorics**, *Logic Colloquium 2014*, Vienna, Austria.
- 2014 **Monochromatic path decompositions**, *22nd Ontario Combinatorics Workshop*, Toronto, ON, Canada.
- 2013 **Partitioning bases of topological spaces**, *Erdős Centennial*, Budapest, Hungary, poster section.
- 2012 **Variations on (selective) separability**, *IVth Workshop on Coverings, Selections, and Games in Topology*, Caserta, Italy.
- 2012 **Constructing Lindelöf, non D-spaces**, *Trends in Set Theory*, Warsaw, Poland.
- 2011 **Guessing clubs for \mathfrak{aD} , non D-space**, *Winter School in Abstract Analysis section Set Theory and Topology*, Hejnice, Czech Republic.
- 2010 **Cross-like constructions and refinements**, *Winter School in Abstract Analysis section Set Theory and Topology*, Hejnice, Czech Republic.

Teaching Experiences

- 2014– **Course Instructor**, *Calculus I (A), Calculus I (B)*, University of Toronto.
- 2011– **Teaching Assistant**, University of Toronto.
- 2010–2011 **Special Course Instructor**, *Topics in General Topology*, Eötvös Loránd University.

Languages

Hungarian **Native**
English **Fluent**

Further experiences

- 2013 **Organizing summer seminar**, *in set theory and analysis*, Eötvös Loránd University.
- 2012– **Reviewing for AMS**.
- 2011– **Refereeing**, *Acta Mathematica, Fundamenta Mathematicae, Central European Journal of Mathematics, Topology and its Applications*.
- 2008– **Private Tutoring**, *high school and university level*.