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## Education

2006–2009 **BSc in Mathematics**, *Eötvös Loránd University*, Budapest, Hungary.

Supervisor: Zoltán Szentmiklóssy

2009–2011 **MSc in Mathematics**, *Eötvös Loránd University*, Budapest, Hungary.

Supervisor: Zoltán Szentmiklóssy

2011– **PhD in Mathematics**, *University of Toronto*, Toronto, ON, Canada.

In progress. Supervisor: William A. R. Weiss

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## Publications

- [1] D. T. Soukup. Constructing aD, non D-spaces. *Topology and its Applications*, 158(10):1219–1225, 2011.
- [2] D. T. Soukup. Properties D and aD are different. *Topology Proceedings*, 38:279–299, 2011.
- [3] D. T. Soukup; Xu Yuming. The Collins-Roscoe mechanism and D-spaces. *Acta Mathematica Hungarica*, 131(3):275–284, 2011.
- [4] D. T. Soukup; P. Szeptycki. A counterexample in the theory of D-spaces. *Topology and its Applications*, 159(10-11):2669–2678, 2012.
- [5] D. T. Soukup; L. Soukup; S. Spadaro. Comparing weak versions of separability. *Topology and its Applications*, 160(no. 18):2538–2566, 2013.
- [6] D. T. Soukup; P. Szeptycki. The union of two D-spaces may not be D. *Fund. Mathematicae*, 220:129–137, 2013.
- [7] D. T. Soukup; L. Soukup. Partitioning bases of topological spaces. *to appear at CMUC*, 2014.

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## Conference talks

- 2010 **Cross-like constructions and refinements**, *Winter School in Abstract Analysis section Set Theory and Topology*, Hejnice, Czech Republic.
- 2011 **Guessing clubs for aD, non D-space**, *Winter School in Abstract Analysis section Set Theory and Topology*, Hejnice, Czech Republic.
- 2012 **Constructing Lindelöf, non D-spaces**, *Trends in Set Theory*, Warsaw, Poland.
- 2012 **Variations on (selective) separability**, *IVth Workshop on Coverings, Selections, and Games in Topology*, Caserta, Italy.
- 2013 **Partitioning bases of topological spaces**, *Erdős Centennial*, Budapest, Hungary, poster section.

- 2014 **Monochromatic path decompositions**, *22nd Ontario Combinatorics Workshop*, Toronto, ON, Canada.
- 2014 **Davies-trees in infinite combinatorics**, *Logic Colloquium 2014*, Vienna, Austria.

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## Awards

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

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## Scholarships

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

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## Teaching Experiences

- 2010–2011 **Special course instructor**, *Topics in General Topology*, Eötvös Loránd University.
- 2011– **Teaching Assistant**, *MAT136, MAT223, MAT235, MAT237, MAT246, MAT1000/1001*, University of Toronto.
- 2014– **Course Instructor**, *MAT135*, University of Toronto.

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## Languages

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

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## Further experiences

- 2011– **Refereeing**, *Acta Mathematica, Fundamenta Mathematicae, Central European Journal of Mathematics*.
- 2012– **Reviewing for AMS**.
- 2013 **Organizing summer seminar**, *in set theory and analysis*, Eötvös Loránd University.