

## CURRICULUM VITAE

**Name:** Dániel Tamás Soukup

**Date of birth:** November 25, 1987, Budapest

### Degrees:

**2009:** Bachelor's degree in Mathematics, Eötvös Loránd University, Budapest, Hungary.

Advisor: Zoltán Szentmiklóssy.

**2011:** Master's degree in Mathematics, Eötvös Loránd University, Budapest, Hungary.

Advisor: Zoltán Szentmiklóssy.

### Education

**2006-2009:** Bachelor's degree in Mathematics, Eötvös Loránd University, Budapest, Hungary.

Thesis: Cross-like constructions and refinements.

Advisor: Zoltán Szentmiklóssy.

Topic: general topology.

**2009-2011:** Master's degree in Mathematics, Eötvös Loránd University, Budapest, Hungary.

Thesis: Around  $D$ -spaces.

Advisor: Zoltán Szentmiklóssy.

Topic: set theoretic topology.

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

Expected end of study: 2015.

### Teaching

**2010, Spring:** Analysis I. (in English), Eötvös Loránd University, Budapest, Hungary.

**2010, Fall & 2011, Spring:** Topics in General Topology, Eötvös Loránd University, Budapest, Hungary.

**2011-12, Teaching Assistant:** Advanced Calculus and Linear Algebra, University of Toronto, Toronto, ON, Canada

### Conference talks

**2008:** Student Research Conference 2008, Eötvös Loránd University, Budapest, Hungary.

Title: Topologies originated in the idea of the Sorgenfrey-line.

- 2009:** XXIX. National Student Research Conference, University of West-Hungary, Szombathely, Hungary.  
Title: Topologies originated in the idea of the Sorgenfrey-line.
- 2010:** Winter School 2010, Hejnice, Czech Republic.  
Title: Cross-like constructions and refinements.
- 2010:** Student Research Conference, Eötvös Loránd University, Budapest, Hungary.  
Title: The inconvenient  $D$ -property.
- 2011:** Winter School 2011, Hejnice, Czech Republic.  
Title: Guessing clubs for  $aD$ , non  $D$ -spaces.
- 2011:** XXX. National Student Research Conference, College of Nyíregyháza, Nyíregyháza, Hungary.  
Title: The inconvenient  $D$ -property.

### Conferences

- 2008:** Student Research Conference, Eötvös Loránd University, Budapest, Hungary.
- 2009:** XXIX. National Student Research Conference, University of West-Hungary, Szombathely, Hungary.
- 2009:** Winter School 2009 (Forcing for the faint of heart), Hejnice, Czech Republic.
- 2010:** Winter School 2010, Hejnice, Czech Republic.
- 2010:** Young Set Theory Workshop 2010, Raach am Hochgebirge, Austria.
- 2010:** Student Research Conference, Eötvös Loránd University, Budapest, Hungary.
- 2011:** Winter School 2011, Hejnice, Czech Republic.
- 2011:** Young Set Theory Workshop 2011, Bonn, Germany.
- 2011:** XXX. National Student Research Conference, College of Nyíregyháza, Nyíregyháza, Hungary.
- 2011:** Infinite and finite set: A conference in honor of András Hajnal, Budapest, Hungary.
- 2011:** Third European Set Theory Meeting, Edinburgh, Scotland.

### Publications, papers

- 1:** D. T. Soukup, Properties  $D$  and  $aD$  are different, Top. Proc. 38 (2011) pp. 279-299.
- 2:** D. T. Soukup, Xu Yuming, The Collins-Roscoe mechanism and  $D$ -spaces, Acta Mathematica Hungarica, Volume 131, Number 3 (2011), 275-284.
- 3:** D. T. Soukup, L. Soukup, Club guessing for dummies, Arxiv note (arXiv: 1003.4670).

- 4:** D. T. Soukup, Constructing  $aD$ , non  $D$ -spaces, Topology and its Applications, Volume 158, Issue 10, 15 June 2011, Pages 1219-1225.
- 5:** D. T. Soukup, P. Szeptycki, A counterexample in the theory of  $D$ -spaces, submitted to Topology and its Applications.
- 6:** D. T. Soukup, L. Soukup, S. Spadaro, Variations on separability and discretely generated topologies, preprint.

**Awards, prizes**

- 2008:** 2nd prize at the Student Research Conference, Eötvös Loránd University, Budapest, Hungary.
- 2010:** 1st prize at the Student Research Conference, Eötvös Loránd University, Budapest, Hungary.
- 2011:** 1st prize at the XXX. National Student Research Conference, College of Nyíregyháza, Nyíregyháza, Hungary.
- 2011:** Pro Scientia Golden Medal.

**Scholarships**

- 2010-2011:** Scholarship of the Republic of Hungary, Eötvös Loránd University, Budapest, Hungary.
- 2011- :** Ontario Trillium Scholarship, University of Toronto, Toronto, ON, Canada.