

Curriculum vitae

Jakub Sosnovec
November 19, 2017

Contact information

- Email: j.sosnovec@warwick.ac.uk
- Webpage: sites.google.com/site/jsosnovec1

Education

- – Currently MSc by Research student in Computer Science at University of Warwick, United Kingdom.
 - Expected to graduate in February 2018.
 - Master thesis on properties of large graphs in progress. Supervisor: Prof. Dan Král.
- – Bachelor degree in Computer Science at Charles University in Prague, Czech Republic.
 - Graduated with honours in June 2016.
 - Bachelor thesis: *The Helly Numbers of Systems of Sets with Bounded Algebraic and Topological Complexity*. Supervisor: Dr. Martin Tancer.

Research

- Contribution to conference proceedings:
 - M. Konečný, S. Kučera, M. Opler, J. Sosnovec, Š. Šimsa, M. Töpfer: *Squarability of Rectangle Arrangements*. In Proceedings of 28th Canadian Conference on Computational Geometry. Available as <https://arxiv.org/abs/1611.07073>.
- Journal publication:
 - J. Sosnovec: *A note on minimal dispersion of point sets in the unit cube*. Accepted for publication in European Journal of Combinatorics. Available as <https://arxiv.org/abs/1707.08794>.
- Participation in conferences and workshops:
 - The Renyi Institute Summer School on Graph Limits, Groups and Stochastic Processes, August 2017 in Budapest.
 - Contributed talk at CanaDAM, June 2017 in Toronto.
 - The Fields Institute Summer School on Random Graphs and Probabilistic Methods, June 2017 in Toronto.
 - Participation at Canadian Conference on Computational Geometry, August 2016 in Vancouver.
 - Participation at Workshop Algorithms, Logic and Structure, December 2016 in University of Warwick.
 - Spring School of Combinatorics organized by Department of Applied Mathematics, Charles University in 2015, 2016.

Distinction

- First place in SVOČ (Czech-Slovak student research competition) in Brno 2016 with work *The Helly Numbers of Systems of Sets with Bounded Algebraic and Topological Complexity*.

- Dean's Award for the best Bachelor thesis in Computer Science in 2016.

Language abilities

- Czech: Mother tongue
- English: Fluent, certificate Cambridge English: Advanced, CEFR level C2
- German: Beginner

Teaching experience

- Teaching Assistant for the module Combinatorics II, University of Warwick, Spring 2017
- Teaching Assistant for the module Algorithms, University of Warwick, Autumn 2016
- Part-time teacher of Informatics classes in Gymnázium Mnichovo Hradiště (grammar school), academic year 2014/2015
- Experience organizing and teaching on camps for high school students interested in mathematics.

Other skills

- Programming in C++, C#, Java, basic Unix tools, \LaTeX .