

# Curriculum Vitae – Zoltán Lóránt Nagy

## Personal

Place, date of birth: Budapest, 22<sup>th</sup> March, 1985.

Family: Married, my wife, Anna Kiss is a teacher of Mathematics and English; I also have a daughter

Nationality: Hungarian

Other languages: English, French

Homepage: [www.cs.elte.hu/~nagyzoli](http://www.cs.elte.hu/~nagyzoli)

E-mail address: [nagyzoli@cs.elte.hu](mailto:nagyzoli@cs.elte.hu)

## Positions

2014– Research Fellow at the MTA-ELTE Geometric and Algebraic Combinatorics Research Group.

2011–2014 Young Research Fellow at the Alfréd Rényi Institute of Mathematics, Hungarian Academy of Sciences

## Studies, degrees

2015. PhD degree (Summa cum laude) in Mathematics at Eötvös University, Budapest, 2015. Doctoral Thesis title: 'Applications of the Combinatorial Nullstellensatz'. Thesis advisor: Prof. András Gács (2008–09); Dr. Tamás Szőnyi, Dr. Gyula Károlyi (2009–15)

2008–2011 Eötvös University, Budapest (ELTE), PhD student. Absolutorium: 2011.

2010–2013. Eötvös University, Budapest, Master's degree: Teacher of Mathematics

2003–2008. Eötvös University, Budapest, Graduate studies in Pure Mathematics, Master's degree (2008). Master's Thesis title: 'On a Turán-type problem in multipartite graphs'.

1991–2003. Fazekas Mihály Primary and Secondary School, (spec. math. class), Budapest.

## Awards

- Youth Prize of the Hungarian Academy of Sciences, (2020)
- Bolyai+ Scholarship in the New Excellence Program of Hungary (2018, 2019)
- János Bolyai Scholarship (of the Hungarian Academy of Sciences), (2017)
- Géza Grünwald Award (by the János Bolyai Mathematical Society), (2015)
- Outstanding student of the Faculty of Science, Eötvös University (2007)
- 1st Prize at Kürschák József competition (for high school student and first-year university students, 2003)
- Participation at the IMO (2003)

## Teaching experience

Teaching assistant, Algebra and Number Theory (BSc) at Eötvös University (2015–2017)

Teaching assistant, Elementary methods in mathematics (BSc) at Eötvös University (2013–2015)

Teaching assistant, Discrete Maths (MSc) at Eötvös University (2013–2015)

Teaching assistant, Discrete Maths (BSc) at Eötvös University (2008–2016)

Teaching assistant, Geometry (MSc) at Eötvös University (2006–2008)

Team leader of the Hungarian EGMO (European Girls Math Olympiad) team (2013–)

Lecturer at the Summer School in Mathematics of the Eötvös University, "The legacy of Paul Erdős", 2015.

## Conferences

2009. 22rd British Combinatorial Conference, St Andrews (Scotland)

2010. Combinatorics, Verbania (Italy)

2011. 23rd British Combinatorial Conference, Exeter (England)

2011. 7th Slovenian International Conference on Graph Theory, Bled (Slovenia)

2012. ICTP-IPM Workshop and Conference in Combinatorics and Graph Theory, Trieste (Italy)

2013. Erdős Centennial, Budapest (Hungary)

2014. Combinatorics, Gaeta (Italy)

2014. SUMMIT:240, Budapest (Hungary)

2014. Seventh Cracow Conference on Graph Theory, Rytro (Poland)

2016. Combinatorics, Maratea (Italy)

2017. EuroComb, Wien (Austria)

2018. Building Bridges, Budapest

2019 Graphs, Networks and their Applications, Moscow (Russia)

2019 EuroComb, Bratislava (Slovakia)

## Workshops

Emléktábla workshop of the Rényi Institute I-VII. (2010-2015)

topics: Hypergraphs, set systems; combinatorial geometry; positional games; combinatorial search; finite geometry, resulting 3 papers.

## Publications

25 papers (22 published, 3 submitted),

An exercise book for the course Discrete Mathematics: 'Problems in Discrete Mathematics' together with Dömötör Pálvölgyi and Péter Csikvári. (Eötvös University Notes, in Hungarian.)