

# CURRICULUM VITAE

## Zoltán Vidnyánszky

✉ *California Institute of Technology*  
1200 E California Blvd, Pasadena CA 91125  
🌐 <https://www.its.caltech.edu/~vidnyanz/>  
[vidnyanz@caltech.edu](mailto:vidnyanz@caltech.edu)

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### PERSONAL DATA

Birth date November 19, 1989, Kiev, Ukraine  
Marital status Married, three children  
Citizenship Hungary

### EMPLOYMENT

2022– Principal investigator, Momentum Grant of the HAS, Eötvös University  
2020–2022 Olga Taussky-John Todd Instructor, California Institute of Technology  
*Supervisor: Alexander S. Kechris*  
2019–2020 Principal investigator, Lise Meitner FWF Grant, University of Vienna  
*Co-applicant: Benjamin D. Miller*  
2017–2019 Postdoc, Kurt Gödel Research Center, University of Vienna  
*Supervisor: Benjamin D. Miller*  
2016–2017 Postdoctoral Visitor at York University and University of Toronto  
*Supervisors: Juris Steprāns, Stevo Todorčević, and William Weiss*  
2014–2016 Junior Research Fellow at Alfréd Rényi Institute of Mathematics

### EDUCATION

2015 PhD at Eötvös Loránd University, Budapest  
*Summa Cum Laude, thesis advisor: Márton Elekes*  
2009–2011 MSc in Pure Mathematics at Eötvös Loránd University, Budapest  
*Honors degree, thesis advisor: Márton Elekes*  
2006–2009 BSc in Mathematics at Eötvös Loránd University, Budapest  
*Pure mathematics major, thesis advisor: Péter Komjáth*  
1999–2006 Hungarian Secondary Grammar School, Beregovo, Ukraine

### INVITED CONFERENCE TALKS

2022 Descriptive Combinatorics, LOCAL Algorithms and Random Processes  
*Oberwolfach Mini-Workshop*  
2021 16th Luminy workshop in set theory  
2020 Winter meeting of the Canadian Mathematical Society  
2020 Hamburg Set Theory Workshop  
2019 Young Set Theory Workshop  
*One of the four postdoc speakers*  
2018 Ideals and exceptional sets in Polish spaces  
*Bernoulli Center, Lausanne*  
2018 South Eastern Logic Symposium  
*University of Florida*

2014, 2015      Descriptive Set Theory in Paris  
*UPMC, Paris*

#### INVITED SEMINAR TALKS

2022              McGill Descriptive Dynamics and Combinatorics Seminar  
2021              Berkeley Logic Colloquium  
2021              Paris-Lyon Logic Seminar  
2020              Caltech Logic Seminar  
2020              Logic Seminar of the Mathematical Institute of SANU  
2018              Charles University Analysis Seminar  
2017              Rényi Institute Young Researcher's Seminar  
2017              UCLA Logic Seminar  
2017              Caltech Logic Seminar

#### AWARDS AND FELLOWSHIPS

2018              Pál Turán Memorial Prize of the Hungarian Academy of Sciences  
*Awarded annually to a mathematician under forty*  
2016              Géza Grünwald Prize of the Bolyai Mathematical Society  
*Awarded annually to five mathematicians under thirty*  
2016              International Stefan Banach Prize, Nominee (in the top five)  
*Awarded by the Polish Mathematical Society for the best dissertation*  
2010–11          Scholarship of the Ministry of Education of the Hungarian Republic  
2009              Excellent student of the faculty  
*Faculty of Science, Eötvös Loránd University*  
2005              Third Prize in the Ukrainian Mathematical Olympiad (11th place)  
2004, 2006      First Prize in the International Hungarian Mathematics Competition (2nd  
and 5th place)

#### PROFESSIONAL SERVICE

##### *Memberships*

Bolyai János Mathematical Society  
European Set Theory Society

##### *Peer review*

Refereeing for *Advances in Mathematics*, *Forum of Mathematics Pi*, *Israel Journal of Mathematics*, *Journal of Mathematical Logic*, *Fundamenta Mathematicae*, *Dissertationes Mathematicae*, *Journal of Symbolic Logic*, *Proceedings of the American Mathematical Society*, *Combinatorica*

Reviewing proposals for the Czech Academy of Sciences

Reviewing for the AMS MathSciNet

#### LANGUAGE SKILLS

English	fluent
Russian	fluent
Ukrainian	intermediate
German	basic
Hungarian	native

#### TEACHING EXPERIENCE

2022	Math 116a,b Introduction to Mathematical Logic, Caltech
2021	Math 117b,c Computability, Caltech
2017	Descriptive set theory, Eötvös University
2017	MATH3260 Introduction to Graph Theory, York University
2016	MATH6280 A - Measure Theory, York University
2015	Foundations of Mathematics 2, Eötvös University
2012–2020	Set theory problem solving class, Eötvös University
2010–2016	Calculus: TA, Eötvös University and Budapest University of Technology