

VLADIMIR BOŠKOVIĆ

boskovic at renyi dot hu
vldboskovic.github.io

Updated: October 2026

EMPLOYMENT

Alfréd Rényi Institute of Mathematics

October 2026 - Present

Postdoctoral researcher

under the supervision of Gábor Tardos and Péter Csikvári

EDUCATION

Université Paris-Saclay, Institut de Physique Théorique

October 2023 - September 2026

PhD in Mathematics

under the supervision of Sanjay Ramassamy and Cédric Boutillier

Thesis title: *Dimer models beyond the bipartite case*

Sorbonne Université

September 2021 - August 2023

Master of Mathematics and applications

specialized in Probability and random models

Eötvös Loránd University

February 2021 - June 2021

Erasmus exchange

University of Primorska

October 2018 - June 2021

Bachelor of Mathematics

PREPRINTS

Saturation and semisaturation of oriented graphs, with Balázs Keszegh, arXiv:2610.18600, 2026.

Optimal Bounds on Spanning Tree Embeddings, with Csongor Beke, Nina Kamčev, and Yiting Wang
arXiv:2610.08362, 2026.

Flip dynamics on perfect matchings beyond bipartite and planar graphs, arXiv:2607.16101, 2026.

Newton polygons for the non-bipartite dimer model, arXiv:2607.07503, 2026.

PUBLICATIONS

Saturation of edge-ordered graphs, with Balázs Keszegh

The Electronic Journal of Combinatorics, 33(3), P3.62, 2026.

Saturation of Ordered Graphs, with Balázs Keszegh

SIAM Journal on Discrete Mathematics, 37(2):1118-1141, 2023.

TALKS

Drafting Workshop in Discrete Mathematics, Number Theory and Probability, Budapest

January 2026

GSI 2024 Reunion Conference, Lake Arrowhead

December 2025

Séminaire des doctorants du LMV, Versailles

November 2025

42 years of Alternating Sign Matrices, Ljubljana

September 2025

Combinatorics seminar, Rényi Institute, Budapest

September 2025

Séminaire des doctorants, Institut de Mathématique d'Orsay

June 2025

Seminar Series, Institute for Pure and Applied Mathematics, Los Angeles

May 2024

TEACHING

Introduction to Probability (L2 Sorbonne Université), teaching assistant

January - May 2025

CONFERENCES AND SUMMER SCHOOLS

Statistical Mechanics and Combinatorics of Discrete Planar Structures
ESI Vienna, Austria

September - October 2026

20th Emléktábla Workshop, Velence, Hungary

July 2026

Integrable combinatorics. IMJ-PRG summer school, Paris, France

June 2026

Journées Graphes et Algorithmes, Paris, France

November 2025

42 years of Alternating Sign Matrices, Ljubljana, Slovenia

September 2025

SFB Summer School: Discrete Random Structures
Pörschach am Wörthersee, Austria

September 2025

Perfectly matched perspectives on statistical mechanics, combinatorics
and geometry, CIRM Marseille, France

June 2025

Journées de combinatoire de Bordeaux, France

February 2025

Summit 240, Budapest, Hungary

July 2024

Long Program: Geometry, Statistical Mechanics, and Integrability
IPAM, Los Angeles, USA

March - June 2024

DIMERS ANR final conference, Paris, France

July 2023

INTERNSHIPS

Master 2 internship: Dimers on bipartite graphs and integrability
advisor: Sanjay Ramassamy (IPhT, Paris-Saclay)

March - August 2023

Master 1 internship: Free probability theory
with Elias Nohra, advisor: Pierre Tarrago (LPSM, Paris)

January - May 2022

Research internship: Extremal combinatorics, saturation of graphs
advisor: Balázs Keszegh (Rényi Institute, Budapest)

March - June 2021

AWARDS AND SCHOLARSHIPS

Paris Graduate School of Mathematical Sciences scholarship

2021 - 2023

Excellence scholarship of the Ministry of Education of Montenegro

2019 - 2021

University of Primorska scholarship for the most successful students

2018 - 2021

COMPETITIONS

Honorable mention at Central European Programming Contest, Prague, Czech Republic

2019

Participation at 59th International Mathematical Olympiad, Cluj-Napoca, Romania

2018

Honorable mention at 58th International Mathematical Olympiad, Rio de Janeiro, Brazil

2017

COMPUTER SKILLS

Proficient with Python, Mathematica, and $\text{\LaTeX}$

LANGUAGES

Montenegrin: Native speaker English: Fully proficient

French: Proficient Slovenian: Intermediate

SPORTS

Tennis: two times national junior champion of Montenegro