Hai Le
PhD Student

🌐 https://haivle.com ✉ hvl2 at psu dot edu ⌂ randomwalk94

EDUCATION

Pennsylvania State University   **State College, PA**
Ph.D. in Mathematics. Advisors: Alexei Novikov, Yuri Suhov   *2016–Present*
University of Texas at San Antonio   **San Antonio, TX**
B.S. in Mathematics   *2012–2016*

RESEARCH INTERESTS

o Partial Differential Equations, Probability, Random Matrices, Stochastic Processes, KPZ Equation.

RESEARCH EXPERIENCE

Estimating Empirical Measures in Many Particle Systems   **Penn State**
Research Project   *Summer 2017*
o Advised by Prof. Mykhailo Potomkin, Penn State. Supported by an NSF grant of Prof. Leonid Berlyand, Penn State. The goal of the project is to approximate empirical measures of interacting particle systems with random initial data in Wasserstein metrics in order to reduce computational complexity of solving the corresponding mean field Vlasov equations.

TEACHING EXPERIENCE

MATH 22 College Algebra II (Penn State)   *Spring 2018*
MATH 22 College Algebra II (Penn State)   *Fall 2017*

CONFERENCES AND SUMMER SCHOOLS

Probability Summer School, *Northwestern University*   *July 2018*
Random Matrix Summer School, *University of Michigan*   *June 2018*
Summer School on Random Media, *Colorado State University*   *May 2018*
IPAM Workshops on Random Matrices and Free Probability Theory, *UCLA*   *May 2018*
IAS/PCMI Graduate Summer School on Random Matrices   *June–July 2017*
PIMS Summer School on Rigorous Computing, *Simon Fraser University*   *June 2015*
Summer School on Boundaries and Dynamics, *University of Notre Dame*   *May 2015*
IAS/PCMI Undergraduate Summer School on Mathematics and Materials   *June–July 2014*

HONORS AND AWARDS

Graduate
Jack and Eleanor Pettit Scholarship from the Eberly College of Science   *2017*
Vollmer-Kleckner Scholarship from the Eberly College of Science   *2016*

Undergraduate
University Life Award for Most Outstanding Undergraduate in Sciences   *2015*
College of Sciences' Dean's Fund for Excellence Award   *2014, 2015*
Peter T. Flawn Presidential Honors Endowed Scholarship   *2015*
Samuel A. and Pamela R. Kirkpatrick Endowed Presidential Scholarship   *2014*
College of Sciences' Presidential Scholarship   *2014*
William Lowell Putnam Mathematical Competition, Top 200   *2014*
Honors Dean's Scholarship   *2012–2016*
Third Prize, Vietnam Mathematical Olympiad   *2012*

COMPUTER SKILLS

o LaTeX, MATLAB, Python, HTML/CSS.