

Lingfu Zhang

CONTACT INFORMATION	Princeton University Fine Hall, 304 Washington Road Princeton, NJ 08544-1000 USA	(609)759-1032 lingfuz@princeton.edu http://lfzhang.com
EDUCATION	Princeton University Ph.D. candidate, Mathematics Advisor: Prof. Allan Sly Massachusetts Institute of Technology B.S. double major in Mathematics and Computer Science, Jun 2017 GPA: 4.9 / 5.0	
ARTICLES	<p>L. Zhang, <i>Optimal Estimates for Coalescence of Finite Geodesics in Exponential Last Passage Percolation</i>, available at https://arxiv.org/abs/1912.07733.</p> <p>R. Basu, S. Ganguly and L. Zhang, <i>Temporal Correlation in Last Passage Percolation with Flat Initial Condition via Brownian Comparison</i>, available at https://arxiv.org/abs/1912.04891.</p> <p>A. Sly and L. Zhang, <i>Stationary Distributions for the Voter Model in $d \geq 3$ are Bernoulli Shifts</i>, available at https://arxiv.org/abs/1908.09450.</p> <p>L. Li and L. Zhang, <i>Anderson-Bernoulli Localization on the 3D lattice and discrete unique continuation principle</i>, available at https://arxiv.org/abs/1906.04350.</p> <p>V. Gorin and L. Zhang, <i>Interlacing adjacent levels of β-Jacobi corners processes</i>, available at https://arxiv.org/abs/1612.02321, Probability Theory and Related Fields 172, no. 3-4 (2018): 915-981.</p> <p>H. Wang and L. Zhang, <i>Refinements of the 2-dimensional Strichartz estimate on the maximum wave packet</i>, available at https://arxiv.org/abs/1611.10275.</p>	
RESEARCH TALKS	<p><i>Anderson-Bernoulli localization near the edge on the 3D lattice</i>, Applied Math Seminar. Stanford University, Stanford, CA. Dec 4, 2019. Slides available at http://lfzhang.com/papers/3DAnderson.pdf.</p> <p><i>Stationary Distributions for the Voter Model in $d \geq 3$ are Bernoulli Shifts</i>, Probability Seminar. Duke University, Durham, NC. Oct 24, 2019. Slides available at http://lfzhang.com/papers/Voter_Model_Factor_IID.pdf.</p> <p><i>Convergence of empirical distributions in exponential LPP</i>, Universality in random structures: Interfaces, Matrices, Sandpiles. ICTS, Bangalore, India. Jan 25, 2019.</p> <p><i>Interlacing adjacent levels of β-Jacobi corners processes</i>, Integrable Probability Working Group. Massachusetts Institute of Technology, Cambridge, MA. Nov 29, 2016. Slides available at http://lfzhang.com/papers/int_work_group_talk.pdf.</p> <p><i>Refinements of 2-dimensional Strichartz estimate by the maximum wave packet</i>, 2016 MIT SPUR Conference. Massachusetts Institute of Technology, Cambridge, MA. Aug 5th, 2016.</p>	

HONORS AND
AWARDS

Apr	2017	Centennial Fellowship. Competitive fellowship awarded by Princeton University at admission, providing a premium over the base stipend level.
Aug	2016	The Hartley Rogers Jr. Prize. For the best paper in the Summer Program for Undergraduate Re- search in the MIT Department of Mathematics.
Apr	2015	Putnam Fellow. Top 5 in the 75th William Lowell Putnam Math Competition.
Aug	2013	Gold Medal in the 54th International Mathematical Olympiad (IMO).