

Curriculum Vitae

Ming Fang

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Research Interests

Discrete probability, stochastic analysis, mathematical finance,
combinatorics, algorithm, optimization.

Education and Employment

MSRI, Postdoctoral Fellow	Jan.-May, 2012
University of Minnesota, Ph.D. in Mathematics	2005-2011
Nankai University, Master in Mathematics	2002-2005
Nankai University, Bachelor in Mathematics	1998-2002

Papers

- Ming Fang and Ofer Zeitouni, *Consistent Minimal Displacement of Branching Random Walks*, *Electronic Communications in Probability* (2010), pp. 106-118.
- Ming Fang, *Tightness of Maxima of Generalized Branching Random Walks*, arXiv:1012.0826 (2010).
- Ming Fang and Ofer Zeitouni, *Branching Random Walks in Time Inhomogeneous Environments*, available on personal website, 2011.
- Ming Fang, *Thesis*, available on personal website, 2011

Conferences and Presentations

1. *3rd Graduate Student Conference in Probability*, University of North Carolina, Chapel Hill, May 1-3, 2009. *Fluctuation of Branching Random Walks*
2. *Junior Colloquium*, University of Minnesota, March 1, 2010. *Diffusion processes and parabolic differential equations with boundary conditions*
3. *4th Graduate Student Conference in Probability*, Duke University, April 30 - May 2, 2010. *Consistent Minimal Displacement of Branching Random Walks*
4. *Advances in superprocesses and nonlinear PDE's — A conference in honor of the 60th birthday of Professor Sergei Kuznetsov*, University of Colorado, Boulder, June 24-June 26, 2010. *Consistent Minimal Displacement of Branching Random Walks*
5. *7th Workshop on Markov Processes and Related Topics*, Beijing Normal University, China, July 19-23, 2010. *Consistent Minimal Displacement of Branching Random Walks*
6. *Geometric Functional Analysis & Probability Seminar*, Weizmann Institute, Rehovot, Israel, November 25, 2010. *On Branching Random Walks*
7. *2011 Probability Frontier Days*, University of Utah, March 10-12, 2011. *Tightness of Maxima of Generalized Branching Random Walks*
8. *Duke Probability Seminar*, Duke University, March 24, 2011. *Miscellany on Branching Random Walks*
9. *University of Minnesota Probability Seminar*, University of Minnesota, April 22, 2011. *Miscellany on Branching Random Walks*

Conferences with Travel Awards

1. *2nd Graduate Student Conference in Probability*, University of Wisconsin, Madison, May 2-4, 2008.
2. *30th Midwest Probability Colloquium*, Northwestern University, October 23-25, 2008.
3. *2009 Frontier Probability Days*, University of Utah, Salt Lake City, March 15-17, 2009.

4. *31st Midwest Probability Colloquium*, Northwestern University, October 15-17, 2009.
5. *32nd Midwest Probability Colloquium*, Northwestern University, October 14-16, 2010.
6. *Random Environments*, Cornell University, May 1-3, 2011.
7. *33rd Midwest Probability Colloquium*, Northwestern University, October 13-15, 2011.

Teaching Experience

1. College Algebra and Probability: Fall, 2005.
2. Pre-Calculus: Spring 2011.
3. Calculus I: Fall 2006; Fall 2007; Spring 2009; Spring 2010.
4. Calculus II: Fall 2011.
5. Linear Algebra and Differential Equations: Spring 2006; Spring 2007; Spring 2008; Fall 2009.
6. Multivariable Calculus: Spring 2011.
7. Applied Linear Algebra: June 7-11, 2010.