

Robert Masson

Curriculum Vitae
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Personal

Born: August 2, 1981; Ottawa, Canada.
Citizenship: Canada, U.S.A.

Education

- 2002– **University of Chicago**, Chicago, IL
Ph.D. in Mathematics, expected June 2008.
M.S. in Mathematics, December 2003.
- 1998–2002 **McGill University**, Montreal, Canada
B.Sc. in Mathematics, June 2002 : Graduated with First Class Honours.

Teaching

- 2007–2008 **Lecturer in the College**, University of Chicago
Mathematics 153: Calculus III
- July 2007 **TA for Graduate Student Seminar**, PCMI
- 2006–2007 **Lecturer in the College**, University of Chicago
Mathematics 131: Elementary Functions and Calculus I
Mathematics 132: Elementary Functions and Calculus II
Mathematics 133: Elementary Functions and Calculus III
- 2004–2005 **Lecturer in the College**, University of Chicago
Mathematics 131: Elementary Functions and Calculus I
Mathematics 132: Elementary Functions and Calculus II
Mathematics 133: Elementary Functions and Calculus III

2003–2004 **College Fellow** in Mathematics, University of Chicago
Mathematics 161: Honors Calculus I, mentor: Paul Seidel
Mathematics 162: Honors Calculus II, mentor: George Glauberman
Mathematics 163: Honors Calculus III, mentor: Nicolas Monod

Publications and preprints

- Robert Masson (2007). The growth exponent for loop-erased random walk in two dimensions. preprint, available at <http://www.math.uchicago.edu/~rmasson>.
- Charles Johnson, Robert Masson and Michael Trosset (2005). On the diagonal scaling of Euclidean distance matrices to doubly stochastic matrices. *Linear Algebra Appl.* **397**, pages 253–264.

Awards and Fellowships

- GAANN Fellowship, 2003 – 2004
- J.W. McConnell Award (McGill University), 1999 – 2002
- Herbert J Brennen Scholarship (McGill University), 2000 – 2002
- Emily Ross Crawford Scholarship (McGill University), 2001 – 2002

Conferences Attended

- Midwest Probability Colloquium, Northwestern University, October 2007 (also attended in 2005 and 2006).
- Stochastic Processes and their Applications, University of Illinois Urbana-Champaign, August 2007.
- Summer School on Statistical Mechanics, Park City Mathematical Institute, July 2007.
- Conference on Percolation and SLE, Fields Institute, September, 2005.
- Conference on Harmonic Analysis and PDEs in honor of Carlos Kenig, University of Chicago, September 2004.

Talks

- University of Chicago Probability Seminar, “The growth exponent for loop-erased random walk in two dimensions,” November 2007.
- Park City Mathematical Institute, “Intersections of random walks and loop-erased random walks,” July 2007.
- University of Chicago math pizza seminar, “Harmonic functions and Brownian motion,” May 2007.
- University of Chicago student analysis seminar, series of lectures on singular integrals and H^p spaces, March – April 2004.