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# Curriculum vitæ

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## Laurent Tournier

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France

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Birth date : January 2<sup>nd</sup>, 1984

Nationality : french

Maître de conférences (assistant professor) in University Paris 13 since September 1<sup>st</sup>, 2011

## Academic studies

**2010–2011** : Attaché Temporaire d’Enseignement et de Recherche (teacher assistant) in ENS de Lyon.

Postdoc at IMPA (Rio de Janeiro) during second semester, supervised by Vidas Sidoravicius.

**2006–2010** : PhD in mathematics in University Claude Bernard Lyon 1.

*Contributions to the study of random walks in random environment.*

Advisor: Christophe Sabot. Defended on June 25<sup>th</sup>, 2010.

**2005–2006** : ENS student (Paris). Master’s degree in *Probability and statistics* at University Paris 11 (with highest honors).

Master’s thesis : *Ballistic conditions for random walks in multidimensional random environment* (advisor: Christophe Sabot)

**2004–2005** : ENS student (Paris). Agrégation (competitive exam for recruitment of teachers) of mathematics (ranked 27<sup>th</sup>)

**2003–2004** : ENS student (Paris). Undergraduate studies (licence and maîtrise)

Thesis: *Percolation on Cayley graphs* (advisor: Philippe Marchal)

**2001–2003** : CPGE (selective classes that prepare for competitive exams leading to engineering schools) in Lycée Pothier (Orléans)

**2001** : Baccalauréat scientifique (with highest honors)

## Publications

- [1] TOURNIER, L. (2009) Integrability of exit times and ballisticity for random walks in Dirichlet environment. *Electron. J. Probab.* 14, no. 16, 431–451.
- [2] SABOT, C. AND TOURNIER, L. (2011) Reversed Dirichlet environment and directional transience of random walks in Dirichlet environment. *Ann. Instit. Henri Poincaré* 47, no. 1, 1–8.
- [3] ENRIQUEZ, N., SABOT, C., TOURNIER, L. AND ZINDY, O. (2012) Quenched limits for the fluctuations of transient random walks in random environment on  $\mathbb{Z}$ . *Accepted for publication in Annals of Applied Probability.*

## Prepublications

- [3] ENRIQUEZ, N., SABOT, C., TOURNIER, L. AND ZINDY, O. (2011) Annealed and quenched fluctuations of random walks in random environment on  $\mathbb{Z}$ . [arXiv:1012.1959](#)
- [4] TOURNIER, L. (2009) A note on the recurrence of edge-reinforced random walks. (2 pages) [arXiv:0911.5255](#)
- [5] TOURNIER, L. (2012) Asymptotic direction of random walks in Dirichlet environment on  $\mathbb{Z}^d$ . [arXiv:1205.6199](#)

## Research talks

- January 2013. Young european probabilists meeting, Eindhoven
- November 2012. Probability seminar, Geneva
- July 2012. Workshop *Random networks and environments*, Istanbul
- June 2012. Conference “Disorder in Probability and Statistical Mechanics”, Modena
- February 2012. Seminar at LATP, Marseille
- November 2011. Seminar at IECN, Nancy
- September 2011. Seminar of University Paris 13
- July 2011. Colóquio brasileiro de matemática, Rio de Janeiro
- June 2011. La Pietra week in probability, Florence
- March 2011. Seminar at IMPA, Rio de Janeiro
- May 2010. Seminar at Oxford university
- May 2010. Colloque Jeunes probabilistes et statisticiens, Mont-Dore
- February 2010. PhD students’ seminar of ICJ, Lyon
- June 2009. Spring school of ANR project Mememo, Aussois
- July 2008. Summer school in Saint Flour
- May 2008. Workshop of ANR project Mememo, Plougonvelin
- March 2008. Probability seminar of University Paris 6
- January 2008. PhD students’ seminar of ICJ, Lyon

## Conferences attended

- January 2013. “Young european probabilists” meeting, Eindhoven, Netherlands
- September 2012. Workshop *Scaling limits of statistical mechanics models*, Oberwolfach, Germany
- July 2012. Workshop *Random networks and environments*, Istanbul, Turkey
- June 2012. Conference “Disorder in Probability and Statistical Mechanics”, Modena
- Mai 2012. MSRI workshop “Random walk in random media”, Berkeley, USA
- August 2011. Semana brasileira de probabilidade, Mambucaba, Brazil
- July 2011. Colóquio brasileiro de matemática, Rio de Janeiro, Brazil
- June 2011. La Pietra week in probability, Florence, Italy
- July-August 2010. Clay Institute Summer school, Búzios, Brazil
- May 2010. Conference of ANR project Mememo, CIRM, Luminy
- May 2010. Colloque *Jeunes probabilistes et statisticiens*, Mont-Dore
- November 2009. *État de la recherche* days on dimer models and random tilings, IHP, Paris
- September 2009. Colloque *Marches aléatoires, mécanique statistique et systèmes dynamiques* of ANR project Randymeca, Orsay
- June 2009. Spring school of ANR project Mememo, Aussois
- July 2008. Saint Flour Probability and Statistics summer school
- May 2008. Workshop of ANR project Mememo, Plougonvelin
- July 2007. IAS Summer school, Park City (Utah), USA
- February 2007. Conference *Marches aléatoires sur les groupes*, CIRM, Luminy

## Teaching experience

**2011–** : Maître de conférences in University Paris 13.

**2010–2011** : ATER (teacher assistant) in École Normale Supérieure de Lyon.

**2007–2010** : Moniteur (teacher assistant) in University Claude Bernard Lyon 1.

## Other competences

- Languages spoken and written: french (mother language), english (very good knowledge), german (good knowledge), brazilian portuguese (basic knowledge)
- Computer science experience ( $\text{\LaTeX}$ , Matlab, Scilab, programming (mostly C),...)
- Driver's licence
- As hobbies, music (flute), roller skating, juggling,...