

Christophe Poquet

Situation

I am actually a third year PhD student of the University Paris 7, under the direction of Giambattista Giacomini.

Education

- 2010–2013 **PhD**, University Paris 7, under the direction of Giambattista Giacomini.
- 2009–2010 **Master of science degree in Probabilities**, University Paris 6.
Official title : Probabilités et modèles aléatoires, with honours
- 2009 **Successful candidate to the Agrégation de Mathématiques**.
French competitive examination for teaching positions in secondary education, rank 59 (1400 participants, 252 admitted)
- 2006–2008 **Bachelor of science degree in Mathematics**, University of Rennes 1.
Official title : Licence 3 et Master 1 de mathématiques, with honours
- 2006 **Successful candidate to the Ecole Normale Supérieure de Cachan Antenne de Bretagne**.
- 2004–2006 **Preparatory classes for entrance to Grandes Ecoles** , Lycée Kleber, Strasbourg.

Publications and preprints

- C. Poquet, *Phase reduction in the noise induced escape problem for systems close to reversibility*, arXiv :1307.1369.
- L. Bertini, G. Giacomini and C. Poquet, *Synchronization and random long time dynamics for mean-field plane rotators*, arXiv :1209.4537, submitted (2012).
- G. Giacomini, E. Luçon and C. Poquet, *Coherence stability and effect of random natural frequencies in populations of coupled oscillators*, arXiv :1111.3581, submitted (2011).
- G. Giacomini, K. Pakdaman, X. Pellegrin and C. Poquet, *Transitions in active rotator systems : invariant hyperbolic manifold approach*, SIAM J. Math. Anal., 44(6), 4165–4194 (2012).

Research visits

- Nov. 2011 *Center Mathematical Sciences Research, Rutgers University (NJ)*, invited by Joel L. Lebowitz and Giambattista Giacomini.

Conferences and Workshops

- 2013 Summer School “Ecole d’été de Saint Flour”, Saint Flour.
- 2013 Workshop, “Journées de Probabilités”, Orléans.
- 2012 Workshop, “Interacting Particle Systems and Related Topics”, Florence.

Bureau 533, Bâtiment Sophie Germain, 5 rue Thomas Mann – 75205 Paris
CEDEX 13

☎ 01 57 27 91 31 • ✉ poquet@math.univ-paris-diderot.fr

- 2012 Workshop, “Journées de Probabilités”, Roscoff.
- 2011 Berlin Mathematical Summer School, “Random Motions and Random Graphs”, TU Berlin.
- 2011, 2012, 2013 Probability meeting, Rouen.

Talks and Seminars

- Ecole d'été de Saint Flour, Saint Flour (2013).
- Journées de probabilité, Orléans (2013).
- Séminaire MODALX, Nanterre (2012).
- PhD Student seminar, LAMA (2012).
- Groupe de Travail Mathématiques et Neurosciences, Paris 6 (2012).
- Probability meeting, Rouen (2011, 2013).
- PhD students seminar, LPMA (2011, 2012).

Teaching

- 2010-2013 Tutorials on algebra and analysis at the Université Paris 7 for 1st and 2nd year students.
- 2009-2010 Tutorials on algebra at the Université Paris 6 for 2nd year students.
- 2009-2010 Khôles (oral examination coaching) at the Lycée Jacques Decour (Paris) for 2nd year students.