



Fabio Coppini

Born in Prato (PO), Italy, on the 24th of March 1992.

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Education

2017 - Master in Mathematics in Università degli Studi di Firenze, 110/110 cum lauda.
2016 - Traineeship/M2 Stage with Giambattista Giacomini in LPSM (ex LPMA) | 3 months
2016 - Erasmus Studio in Université Pierre et Marie Curie | 6 months
2015 - Visiting Student of Bikram Das at SUTD (Singapore) | 2 months
2014 - Bachelor in Mathematics in Università degli Studi di Firenze, 110/110 cum lauda.
2011 - High School diploma: Liceo Scientifico Nicolò Copernico di Prato, 100/100 cum lauda.

Mathematics

September 2018 - August 2019 - PhD seminar organiser in LPSM with G. Conchon-Kerjan, B. Dembin, A. Lefebvre, N. Meyer, O. Safsafi, T. Touati:
<https://www.lpsm.paris/agenda/seminaires-gdt/gtt/>

September 2017 - Today - PhD in Applied Mathematics, Paris Diderot P7, Paris
Marie Skłodowska-Curie Fellowship: <http://www.cofund-inspire.eu/>
Supervisor: Giambattista Giacomini <https://www.lpsm.paris/semoa/users/giacomini/index>
Subject: *Interacting Oscillators on Random Graphs*

Publications and Preprints

18/12/2019 | Preprint v2 *Longtime dynamics for interacting oscillators on graphs*
<https://hal.sorbonne-universite.fr/hal-02263485v2>

31/07/2018 | *A Law of Large Numbers and Large Deviations for interacting diffusions on Erdős-Rényi graphs* with Helge Dietert and Giambattista Giacomini (to appear in SD)
<https://doi.org/10.1142/S0219493720500100>

Talks

01/2020 | PhD Seminar in LMB, Besançon : *TBA*

11/2019 | PhD Seminar in LPSM: *Longtime dynamics for interacting oscillators on graphs*

06/2019 | Talk at *Les Probabilités de Demain*, Paris - *A Law of Large Numbers for Weakly Interacting Particles on Random Graphs* ([video](#))

12/2018 | PhD Seminar in LPSM: *Weakly Interacting Particle Systems: a crash course*

12/2016 | PhD Seminar in LPSM: *Synchronisation Phenomena on Random Graphs*.

Posters

12/2019 | *Particle Systems and PDE's VIII*, Instituto Superior Técnico, Lisbon

07/2019 | *Random Graphs and Complex Networks: Structure and Function*, Bocconi Summer School

04/2019 | *Equilibrium and Non-equilibrium Statistical Mechanics A conference in honor of François Dunlop*, Villa Finaly (Florence)

Attended Conferences

2019

Particle Systems and PDE's VIII | 2-6 Dec, Instituto Superior Técnico, Lisbon

Random Graphs and Complex Networks: Structure and Function | Bocconi Summer School, 8-19 July, Como

High dimensional probability and algorithms | 1-5 July, PSL, Paris

Walking through the Brownian zoo | 3-7 June, Paris

Semaine d'Études Maths Entreprises SEME | 20-24 May, LMB, Besançon

Equilibrium and Non-equilibrium Statistical Mechanics | 8-10 April, Villa Finaly, Florence

Mathematics and culture | 29-31 March, Istituto Veneto di Scienze, Lettere ed Arti, Venice

2018

A spring day in Probability and Statistical Physics | 25 May, Università di Firenze

Spin Systems: Discrete and Continuous | Spring School, 19-23 March, TU Darmstadt

Teaching Experience

As teaching assistant:

2017 - L2 Math Info - Algèbre fondamentale (Université Paris 7)

2018 - L3 Math - Probabilités et Simulations Proba (Université Paris 7)

L2 Math - Analyse fondamentale (Université Paris 7)

2019 - L3 Math - Probabilités et Simulations Proba (Université Paris 7)

L2 Math - Algèbre fondamentale (Université Paris 7)

Languages and IT skills

Italian: Mother Tongue | **English:** Advanced C1/C2 | **French:** Advanced C1/C2.

IT languages: Fundamentals in C, Python, R, SciLab, LaTeX, HTML, PHP, CSS.

Applications: Adobe Photoshop, Office Suite, Spyder, Jupyter.

Web: Wordpress, Joomla.