

Born on May 24th 1995 in Saint-Cloud (92)

Formation

- 2018-** Institut de Mathématiques de Toulouse. PhD thesis in Mathematics. Advisors: Patrick Cattiaux and Aldéric Joulin. Topic: Intertwinings and Concentration of Measures.
- 2017-2018** Master 2 Research and Innovation (RI), mention Probability and Statistics, Université Toulouse III Paul Sabatier. With Honours.
- 2016-2017** Master 2 Enseignement Supérieur et Recherche (Higher Education and Research), Agrégation externe, Université Toulouse III Paul Sabatier. National rank: 167.
- 2015-2016** Master 1 Mathématiques Fondamentales et Appliquées (Fundamental and Applied Mathematics) Université Toulouse III Paul Sabatier. Mémoire: "The Galton–Watson Model". Advisor: Patrick Cattiaux.
- 2012-2015** Licence ès Science (Undergraduate), mention Mathématiques, Université Toulouse III Paul Sabatier.
- 2012** Baccalauréat Général, série Scientifique, mention Très Bien, félicitations du jury. Lycée général et technologique Henri-Matisse, Cugnaux (31).

Research Experiences

- 2018** Institut de Mathématiques de Toulouse/INSA Toulouse. Research internship, 4 months: Curvature of Markov Semigroups, from Functional Inequalities to the Concentration of Measure Phenomenon". Advisor: Aldéric Joulin.
- 2015** University of Victoria (Victoria, British Columbia, Canada). Research Internship, 16 weeks. Research Mémoire: "Infinite lineages in random weighted population models". Advisor: Anthony Quas.
- 2014** Institut de Mathématiques de Toulouse. Optional job shadow, 5 weeks. Advisors: Xavier Bressaud and Jasmin Raissy.

Teaching Experiences

- 2018-** Tutorials in 2nd, 3rd and 4th years, INSA Toulouse.
Mar. – Jun. 2020: distance teaching during the CoViD-19 pandemic.
- 2017-2018** Oral examinations, Lycée Pierre de Fermat, Toulouse.

Scientific Events and Seminars

- 2020-** Co-organizer of the doctoral seminar in math & physics. Institut de Mathématiques de Toulouse.
- 2019-** Co-organizer of the students seminar. Institut de Mathématiques de Toulouse.
- Dec. 2020** Doctoral seminar in Rennes. Talk: Une approche Feynman-Kac pour la stabilité des inégalités de Sobolev logarithmiques.
- Jan. 2020** Doctoral seminar in math & physics. Talk : A (not so) random walk around Brownian motion. IRSAMC, Toulouse.
- 2019-2020** Co-organizer of the PhD students' first day. Institut de Mathématiques de Toulouse.
- May 2019** Spring School in optimal transport. Talk: Stability of logarithmic Sobolev inequalities: an intertwining approach. Erwin Schrödinger Institut, Vienna, Austria.
- Feb. 2019** CIMI Winter School. Topic: Probability and Calculus of Variations. Institut de Mathématiques de Toulouse.
- Oct. 2018** PhD students seminar. Institut de Mathématiques de Toulouse.
- Oct. 2018** Probability seminar, 2018 inaugural session. Institut de Mathématiques de Toulouse.
- May 2018** CIMI Workshop. Topic: Stability of Functional Inequalities and Applications. Institut de Mathématiques de Toulouse.
- Jul. 2017** Journées IOPS (image, optimization, probability and statistics). Topic: Geometry and Stochastic Algorithms. Institut de Mathématiques de Bordeaux.