

Paul Thévenin

Curriculum Vitae

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Uppsala University

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Education

- 2020- **Postdoc**, *Uppsala University*.
- 2017-2020 **PhD under the supervision of Igor Kortchemski**, *Ecole Polytechnique*.
Random trees, laminations of the disk and factorizations
- 2013-2017 **Student in Mathematics at the ENS**, *Paris*.
 - 2016 **Master 2 of Mathematics, spécialité Mathématiques de l'Aléatoire**, *Université Paris 11, Orsay*.
 - 2013 **Admitted to the ENS**, *Paris*.
- 2011-2013 **Classes préparatoires**, *Lycée Louis le Grand, Paris*.
- 2011 **Baccalauréat S (High School Graduation)**, *Lycée Louis le Grand, Paris*.

Publications

- 2021 **Convergence of trees with a given degree sequence and of their associated laminations**, *with G. Berzunza and C. Holmgren*, arXiv preprint.
- 2021 **Random generation and scaling limits of fixed genus factorizations into transpositions**, *with V. Féray and B. Louf*, arXiv preprint.
- 2020 **Points and lines configurations for perpendicular bisectors of convex cyclic polygons**, *with P. Melotti and S. Ramassamy*, arXiv preprint.
- 2020 **Cube moves for s -embeddings and α -realizations**, *with P. Melotti and S. Ramassamy*, to appear in *Annales de l'Institut Henri Poincaré D*.
- 2020 **Random stable type minimal factorizations of the n -cycle**, arXiv preprint.
to appear in *Advances in Applied Probability*

- 2019 **A geometric representation of fragmentation processes on stable trees**, published in *Annals of Probability*.
- 2018 **Vertices of fixed outdegrees in large Galton-Watson trees**, published in *Electronic Journal of Probability*.

Teaching

- 2018-2020 **Teaching assistant in Analysis**, *Undergraduate level, Bachelor, first year*, Ecole Polytechnique, 48 hours of tutorial in small groups.
- 2017-2018 **Teaching assistant in Algebra**, *Undergraduate level, Bachelor, first year*, Ecole Polytechnique, 48 hours of tutorial in small groups.
- 2017-2018 **Lectures for Parimaths**.
Parimaths is a club which provides mathematical lectures every week to motivated high school students.
- 2015-2018 **Oral examiner in mathematics**, *Lycée Louis le Grand, Paris*.

Invited talks

- July 2022 **Conference on Lévy processes and their applications**, *University of Mannheim, Germany*.
- February 2022 **Journées de combinatoire de Bordeaux**, *LaBri, Bordeaux, France*.
- January 2022 **Probability and Statistics Seminar**, *University of Angers, France*.
- October 2021 **Probability and Statistics Seminar**, *LPSM, Paris, France*.
- May 2021 **Probability and Statistics Seminar**, *Besançon University, France*.
- April 2021 **Probability and Statistics Seminar**, *Institut Elie Cartan, Nancy, France*.
- March 2021 **Probability and Combinatorics Seminar**, *Orsay University, France*.
- October 2020 **Probability and Combinatorics Seminar**, *Uppsala University, Sweden*.
- April 2020 **Probability Seminar**, *Paris 13, Villetaneuse, France*.
- December 2019 **Séminaire "Combinatoire et interactions"**, *Institut Henri Poincaré, Paris, France*.
- November 2019 **Séminaire de combinatoire du LIX**, *Palaiseau, France*.
- July 2019 **Saint-Flour probability summer school**, *Saint-Flour, France*.

June 2019 **Journées de probabilités**, *Dourdan*, France.

June 2019 **Journée "Probabilités de demain"**, *Paris*, France.

Other activities

2020- **Organizer of the Probability Seminar at Uppsala University**, *Sweden*.

2019-2020 **Member of CMAP's Parity and Professional equality Commission (Ecole Polytechnique)**.

2016,2018 **Team leader of a team for the TFJM**.

The TFJM is a mathematics tournament for high school students, who study partly open problems before comparing their solutions.

2017,2019 **Examiner for the TFJM finals**.

2018,2019 **Fête de la science**, *Ecole Polytechnique*.

La Fête de la science gathers middle and high school students around small scientific workshops animated by researchers.

2015-2016 **Organizer of the Students Probability Seminar at ENS**, *Paris*.