

Félix Foutel-Rodier

Équipe SMILE, CIRB
11, place Marcelin Berthelot
75235, Paris Cedex 5
✉ felix.foutel-rodier@college-de-france.fr

Education

- 2018–present **PhD**, *Random Multivariate Trees for Evolutionary Biology*, LPSM, Sorbonne Université, Paris, supervised by Amaury Lambert and Emmanuel Schertzer.
- 2016–2017 **Master (2nd year)**, *Probability and Stochastic Models*, Université Pierre et Marie Curie, Paris.
- 2015–2016 **Master (1st year)**, *Evolutionary Biology*, École Normale Supérieure, Paris.
- 2014–2015 **Bachelor**, *Biology*, École Normale Supérieure, Paris.
- 2014–2018 **Student at École Normale Supérieure**, *Biology Department*, Paris.

Publications

Félix Foutel-Rodier, Amaury Lambert, Emmanuel Schertzer, *Exchangeable coalescents, ultrametric spaces, nested interval-partitions: A unifying approach*, arXiv:1807.05165 (2018).

Research Experience

- Feb–Jun 2018 **Department of Statistics**, *Oxford University*, Oxford, supervised by Alison Etheridge & Julien Berestycki.
The spatial Muller’s ratchet: A model on expansion load.
- Sep 2017–Jan 2018 **Center for Interdisciplinary Research in Biology**, *Collège de France*, Paris, supervised by Amaury Lambert & Emmanuel Schertzer.
Exchangeable coalescents, ultrametric spaces, nested interval-partitions: A unifying approach.
- Feb–Jul 2017 **Center for Interdisciplinary Research in Biology**, *Collège de France*, Paris, supervised by Amaury Lambert & Emmanuel Schertzer.
Flows of bridges, combs and evolving coalescents.
- Feb–Jun 2016 **Department of Ecology & Evolutionary Biology**, *Princeton University*, Princeton, supervised by Corina Tarnita.
Impact of the intensity of selection on the evolution of fairness on the spatial Ultimatum Game.
- Jun–Jul 2015 **Eco-Evolutionary Mathematics**, *École Normale Supérieure*, Paris, supervised by Silvia de Monte.
Modeling phototaxis in D. Discoideum slugs.

Teaching Experience

- 2018–present Teaching assistant in mathematics, *Undergraduate level*, Sorbonne Université, Paris.
- 2016–2017 Teaching assistant in computer sciences, *Classe Préparatoire BCPST 2*, Lycée Henri 4, Paris.
- 2014–2016 Oral examiner in mathematics, *Classe Préparatoire BCPST 1*, Lycée Henri 4, Paris.

Other Skills

- Programming Python, C, R.
- Languages French, mother tong. English, fluent.
- Organisation Co-treasurer of the COF in 2015, Students’ Union of the ENS.