

Pierre Veron (he, him)



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pveron@bio.ens.psl.eu



pierre-veron.github.io

Affiliation

- **Institut de Biologie de l'ENS** (IBENS), École Normale Supérieure (ENS), CNRS, INSERM, Université PSL, 46 rue d'Ulm, Paris, France
- **Écologie Société et Évolution** (ESE), CNRS, Université Paris-Saclay, AgroParisTech, 12 route 128, Gif-sur-Yvette, France
- Doctoral school 227, "Sciences de la nature et de l'homme, écologie et évolution", Muséum National d'Histoire Naturelle, Sorbonne Université, Paris, France

Employment History

- 2022 – ■ **Ph.D. student** at Institut de Biologie de l'ENS, Paris, France.
Supervision: Hélène Morlon and Tatiana Giraud.
Funding: Doctoral fellowship of the *École polytechnique* and extension by the *Institut des mathématiques pour la Planète Terre (ImPT)*
- 2022 ■ **Master thesis** at Institut Français de Recherche pour l'Exploitation de la Mer (Ifremer), UMR Decod, Nantes, France.
- 2020 ■ **Research internship** at Centre de mathématiques appliquées de l'École polytechnique (CMAP), Palaiseau, France

Education

- 2020 – 2022 ■ **M.Sc. Environmental sciences and engineering, École Polytechnique Fédérale de Lausanne, Switzerland.** Water, soil and ecosystem engineering.
Thesis title: *Spatial multicomponent analysis of local and regional fish biodiversity from environmental DNA.*
- 2017 – 2020 ■ **Cursus ingénieur polytechnicien École polytechnique, France.** Sciences for the environment.
Studied applied mathematics, ecology and biodiversity, sciences for wind energy, urbanism.
- 2015 – 2017 ■ **Prépa lycée Faidherbe, Lille, France** Mathematics and Physics (MP).

Publications

- **Veron, P.**, Spire, A., Chave-Lucas, A., Giraud, T. and Morlon, H. (2026). **Rapid speciation in small populations challenges the dominance of ecological speciation.** *Preprint on bioRxiv.*
- **Veron, P.**, Andréoletti, J., Giraud, T. and Morlon, H. (2024). **Speciation completion rates have limited impact on macroevolutionary diversification.** *Phil Trans R Soc B*, 380, 20230317.
- Morlon, H., Andréoletti, J., Barido-Sottani, J., Lambert, S., Perez-Lamarque, B., Quintero, I., Senderov, V. and **Veron, P.** (2024). **Phylogenetic Insights into Diversification.** *Annu Rev Ecol Evol Syst*, 55, 1–21.

Publications (continued)

- Veron, P., Rozanski, R., Marques, V., Joost, S., Deschez, M. E., Trenkel, V. M., Lorange, P., Valentini, A., Polanco, A. F., Pellissier, L., Eme, D. and Albouy, C. (2023). *Environmental DNA complements scientific trawling in surveys of marine fish biodiversity*. *ICES J Mar Sci*, 80, 2150–2165.

Talks and posters

- October 2025 ■ A multidimensional view of speciation: bridging micro and macro-evolution, CNRS, Roscoff, France (talk).
- August 2025 ■ Congress of the European Society for Evolutionary Biology (ESEB 2025), Barcelona, Spain (talk and poster).
- May 2025 ■ Congress of young researchers, Muséum National d'Histoire Naturelle, Paris, France (talk).
- March 2025 ■ Invited by Violaine Llaurens at the seminar of the team Ecology & Evolution of Trait and Species Diversification, Collège de France, Paris, France (talk)
- January 2025 ■ Journées IDEEV/days of the institute of diversity, ecology and evolution of the living world, Gif-sur-Yvette, France (talk).
- December 2024 ■ Seminar of ecology and evolution, IBENS, Paris, France (talk).
- Invited by Bert Van Bocxlaer at the Evo-Eco-Paleo seminar, Lille, France (talk).
- September 2024 ■ Invited by Amaury Lambert at the SMILE seminar, Collège de France, Paris, France (talk).
- May 2024 ■ Stochastic processes in evolutionary biology, CIRM, Marseille, France (poster).
- April 2024 ■ Perspectives on speciation, Linnean Society, London, UK (poster).
- June 2023 ■ École de printemps de la chaire Mathématiques et modélisation de la biodiversité/Spring school of the chair "mathematics and modelisation of biodiversity", Aussois, France (talk).
- May 2023 ■ Congress of young researchers, Muséum National d'Histoire Naturelle, Paris, France (talk).
- April 2023 ■ Mathematical population dynamics, ecology and evolution, CIRM, Marseille, France (talk).






Doctoral courses and continuous training

- Machine Learning in Python with *scikit-learn*, PSL graduate program in life sciences, Paris
- Mathematics and Modelling of Biodiversity, MMB Chair, École polytechnique and MNHN, spring school in Aussois, France
- Introduction to molecular phylogeny, Institut Pasteur, Paris
- Microbiodiversity, between ecosystems, evolution and society, MNHN, Paris
- Ethics and research integrity

Teaching assistant

- 2025 ■ Open Sciences, L3 Biology, ENS

Teaching assistant (continued)

- 2022 – 2024  Adaptive dynamics, M2 IMaLiS, ENS.
- 2023, 2024  Maths training for biologists, L3 and M1 IMaLiS, ENS.
- 2022 – 2024  Computer sciences for biologists, L3, ENS.
- 2021  Spatial statistics, Master Environmental Sciences, EPFL.
- 2017  Full time 5-months research assistant in mathematics and computer science for bachelor students. École nationale supérieure polytechnique, Yaoundé, Cameroon.




Supervision

- 2024  **Anaïs Spire**, M1 IMaLiS, ENS (4 months internship)

Reviewer


The American Naturalist, Systematic Biology, Molecular Ecology, ICES Journal of Marine Science, Marine Environmental Research

Skills

- Languages  French, English, a little German.
- Coding  Python, R, LaTeX, beginner with Julia
- Misc.  Driving license.

Miscellaneous Experience



Scientific engagement

- 2023  Responsible for the organization of the weekly seminar of the Ecology and evolutionary biology section of IBENS.

Awards and Achievements

- 2022  **Head of the class**, Master Environmental Sciences, EPFL.

Popularization of science

- 2024  **Fête de la science**, running a stand for children at the ENS science fair.
- 2018 – 2023  **Summer school**, co-organizing and animating “Astromath”, a summer camp for high-school students about mathematics and astronomy, in Ardèche, France.