

# Pierre Veron

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🌐 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 Systématique 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.
- 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).

## Research Publications

- 1 **Veron, P.**, Andréoletti, J., Giraud, T., & Morlon, H. (2025). Speciation completion rates have limited impact on macroevolutionary diversification. *Philos Trans R Soc B Biol Sci*, 380, 20230317. 🔗 <https://doi.org/10.1098/rstb.2023.0317>
- 2 Morlon, H., Andréoletti, J., Barido-Sottani, J., Lambert, S., Perez-Lamarque, B., Quintero, I., Senderov, V., & **Veron, P.** (2024). Phylogenetic insights into diversification. *Annu Rev Ecol Evol Syst*, 55, 1–21. 🔗 <https://doi.org/10.1146/annurev-ecolsys-102722-020508>
- 3 **Veron, P.**, Rozanski, R., Marques, V., Joost, S., Deschez, M. E., Trenkel, V. M., Lorange, P., Valentini, A., Polanco F., A., Pellissier, L., Eme, D., & Albouy, C. (2023). Environmental DNA complements scientific trawling in surveys of marine fish biodiversity. *ICES J Mar Sci*, 80(8), 2150–2165. 🔗 <https://doi.org/10.1093/icesjms/fsad139>

## Doctoral courses and continuous training

- 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

## Talks and posters

- 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).

## Teaching assistant

- 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)

## Skills

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

## Miscellaneous Experience

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### 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.