

Victor Thuot

✉ victor.thuot@ens-lyon.fr
🌐 <https://victorthuot.github.io/>
🆔 0009-0004-1153-6959
🌐 Victor Thuot



🏛️ [ENS de Lyon](#), UMPA

📍 Office MGN1.403, UMPA, ENS de Lyon Monod campus

Postdoctoral Position

Since 1 Oct
2026

📌 **Postdoctoral Researcher** | UMPA, ENS de Lyon | 

Supervisor: [Aurélien Garivier](#)

Research interests: machine learning, bandits, reinforcement learning

PhD

Doctoral Studies

Sep 2023–Sep
2026

📌 **PhD in Statistics** | MISTEA Research Unit, INRAE Montpellier |   

* Thesis: **Unsupervised Active Learning**

* Supervisors: [Alexandra Carpentier](#) (Professor, University of Potsdam) and [Nicolas Verzelen](#) (Research Director, INRAE Montpellier)

* Keywords: **machine learning, bandits, clustering, mathematical statistics**

* Funding: doctoral contract from ENS Rennes and an ANR ASCAI grant   agence nationale de la recherche

* Doctoral school: IzS Montpellier

* Thesis defense: 14 September 2026  [Thesis](#)  [Slides](#)

Teaching

2023–2026

📌 **Teaching Assistant** | University of Montpellier | 

* Algebra I tutorials (first-year mathematics): solving systems of linear equations — 25.5 hours

* Calculus II tutorials (first-year mathematics): sequences, series, and Taylor expansions — 30 hours

* Preparation for the written and oral examinations of the French Agrégation in Mathematics — 8 hours

* Measure, Integration, and Fourier Analysis tutorials (third-year mathematics): Lebesgue integration theory and the Fourier transform — 72 hours (36 hours in 2024 and 36 in 2025)

* Mathematics tutorials for first-year biology students: proportionality, dilution, and mathematics for biology — 27 hours

* Probability tutorials (second-year mathematics): discrete probability, pairs of random variables, and continuous probability distributions — 25.5 hours

Academic Service and Outreach

2023–2025

📌 **Science Outreach** | MISTEA Joint Research Unit

* **Apprentis Chercheurs (Apprentice Researchers)** (2024): co-supervised, with David Métivier (MISTEA), a pair of students—one from middle school and one from high school—undertaking an introductory project in statistics and modelling; ten sessions and a final symposium  [Project](#)

* **Éloquensciences** (2025): mentored middle- and high-school students preparing for a scientific public-speaking competition 

📌 **Doctoral Student Representation** | MISTEA Joint Research Unit

* Represented MISTEA doctoral students on the unit council

* Co-organised the internal seminar for MISTEA doctoral students and postdocs

PhD (continued)

- 3 Jun 2025  **MIPS Research Cluster Week** | University of Montpellier
Presented research on (Graf, **Thuot**, and Verzelen 2025)  Slides
- 4 Dec 2024  **Doctoral Seminar (SemDoc)** | IMAG
Tutorial on bandit models  Slides
- 2 May 2024  **ML-MTP Seminar** | INRIA 
Presented research on (**Thuot**, Carpentier, et al. 2025)  Slides

Education

École normale supérieure de Rennes (ENS Rennes)

- 2019–2023  **Magistère in Mathematics** | ENS Rennes & University of Rennes 1   
2023 Master's degree in Mathematics — Probability track — graduated with highest honours
- 2022 **French Agrégation in Mathematics** — Option A — **ranked 66th out of 365** 
- 2020 Bachelor's degree in Computer Science — graduated with highest honours
- 2019 **Admitted to ENS Rennes through a competitive entrance examination** 

Research Internships

- Apr–Jul 2023  **Master's Research Internship** | University of Potsdam & INRAE Montpellier  
* Supervisors: Alexandra Carpentier and Nicolas Verzelen
* Project: Active Clustering  Report
- May–Jul 2021  **Master's Research Internship** | Otto von Guericke University Magdeburg (OVGU), remote
* Supervisors: Alexandra Carpentier and Nicolas Verzelen
* Project: Bandit Problems  Report
- May–Jul 2020  **Undergraduate Research Internship** | Institut Élie Cartan de Lorraine (IECL), Nancy, remote
* Supervisor: Bruno Duchesne
* Project: Brunn–Minkowski Theory

Publications

Preprints

-  Maximilian Graf and **Victor Thuot**. The Sample Complexity of Multiple Change Point Identification under Bandit Feedback. Accepted at NeurIPS 2026 .
-  El Mehdi Saad, **Victor Thuot**, and Nicolas Verzelen. The Sampling Complexity of Condorcet Winner Identification in Dueling Bandits. Accepted at NeurIPS 2026 .
-  **Victor Thuot**, Sebastian Vogt, Debarghya Ghoshdastidar, and Nicolas Verzelen. Nonparametric Kernel Clustering with Bandit Feedback. Preprint (2026) .

Conference Proceedings

-  Maximilian Graf, **Victor Thuot**, and Nicolas Verzelen. Clustering Items through Bandit Feedback: Finding the Right Feature out of Many. Proceedings of The forty-second International Conference on Machine Learning, PMLR, 2025 .
-  **Victor Thuot**, Alexandra Carpentier, Christophe Giraud, and Nicolas Verzelen. Clustering with bandit feedback: breaking down the computation/information gap. Proceedings of The 36th International Conference on Algorithmic Learning Theory, PMLR, 2025 .

Conferences and Workshops

Conferences with Proceedings

- 13–19 Jul 2025  **International Conference on Machine Learning (ICML)** | Vancouver, Canada
Poster presented by Maximilian Graf  [Slides](#)  [Poster](#)
Paper: (Graf, **Thuot**, and Verzelen 2025)
- 24–27 Feb 2025  **International Conference on Algorithmic Learning Theory (ALT)** | Milan, Italy
Oral presentation and poster  [Slides](#)  [Poster](#)  [Video](#)
Paper: (**Thuot**, Carpentier, et al. 2025)

Conferences without Proceedings

- 1–5 Jun 2026  **French Statistics Days (JDS)** | Clermont-Ferrand, France
Presented research on (Graf, **Thuot**, and Verzelen 2025)  [Slides](#)  [Abstract](#)
- 15–19 Dec 2025  **Mathematical Statistics Meetings 2025** () | Marseille, France
- 1–5 Sep 2025  **StatMathAppli 2025** () | Fréjus, France
Presented research on (Graf, **Thuot**, and Verzelen 2025)  [Slides](#)
- 11–14 Mar 2025  **German Probability and Statistics Days 2025** () | Dresden, Germany
Presented research on (Graf, **Thuot**, and Verzelen 2025)  [Slides](#)
- 18–22 Sep 2023  **StatMathAppli 2023** () | Fréjus, France

Workshops

- 18–20 Jun 2025  **4th ASCAI Workshop** () | Orsay, France
Presented research on (Graf, **Thuot**, and Verzelen 2025)  [Slides](#)
- 15–17 Apr 2024  **Amazon StatML Workshop 2024** () | Berlin, Germany
- 20–21 Feb 2024  **3rd ASCAI Workshop** () | Potsdam, Germany
Presented research on (**Thuot**, Carpentier, et al. 2025)  [Slides](#)
- 24–25 Nov 2023  **Workshop on Bandits and Statistical Tests** () | Potsdam, Germany

Peer Review

- 2026  **NeurIPS**
- 2025  **ICML, IEEE ISIT**
- 2024  **IEEE Transactions on Information Theory**

Skills

- Languages  **English:** proficient in academic English; able to read, write, and communicate in academic settings (estimated CEFR level: C1)
German: basic knowledge (estimated CEFR level: A2)
- Programming  **Python:** proficient, particularly in simulation, probability, and machine learning
Experience with NumPy, Pandas, Matplotlib, scikit-learn, and PyTorch

Extracurricular Activities and Service

- Student Society  **Muses.et.Co:** musical theatre society at ENS Rennes
2020–2021: Society President; co-wrote and directed the play *Règlement de contes*; produced its video recording
2019–2020: performed in *Treasure Island*
- Youth Work and Scouting  **BAFA** (French youth-work leader certificate), awarded in 2017; activity leader at a youth centre, scout leader, and staff member at medical camps (AJD)
Scouting: Scout since 2007; leader since 2016; international service project in 2018
- Arts  **Guitar:** six years of classical guitar lessons
Theatre: theatre option in the French baccalaureate; performed in several plays
Drawing: personal practice of watercolour
- Sports  Club scuba diving (Level 1), hiking, swimming, running, and cycling