Victor Léger, PhD student

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Education

2021 – 2024	🔖	**University Grenoble Alpes**. Ph.D. in Random Matrix Theory applied to Machine Learning.
2017 – 2021	🔖	**Ecole Normale Supérieure Paris-Saclay** in Mathematics Department. Master degree : *Master MVA – Mathematics, Vision and Learning*. *Agrégation de mathématiques* (French examination for higher education).
2015 – 2017	🔖	**Lycée Saint-Louis** Preparatory Class (to Engineering Schools).

Research Publications

Journal Articles

1. **V. Leger** and R. Couillet, "A large dimensional analysis of multi-task semi-supervised learning," 2024. arXiv: 2402.13646 [stat.ML].

Conference Proceedings

1. **V. Leger** and R. Couillet, "Apprentissage semi-supervisé avec données partiellement étiquetées," in *GRETSI 2023 - XXIXème Colloque Francophone de Traitement du Signal et des Images*, GRETSI - Groupe de Recherche en Traitement du Signal et des Images, Grenoble, France, Aug. 2023. 🔗 URL: https://hal.science/hal-04470156.

2. **V. Leger**, M. Tiomoko, and R. Couillet, "Classification multi-tâches semi-supervisée en grande dimension," in *GRETSI 2022 - XXVIIIème Colloque Francophone de Traitement du Signal et des Images*, GRETSI - Groupe de Recherche en Traitement du Signal et des Images, Nancy, France, Sep. 2022. 🔗 URL: https://hal.science/hal-04470185.

Teaching

2021 – 2024	🔖	**Introduction to Artificial Intelligence (UGA)**, Teaching assistant. Introduction to basic concepts of machine learning: datasets, data processing, classifiers, training, performance evaluation.
2021 – 2022	🔖	**System and Programmation Environment (UGA)**, Teaching assistant. Introduction Unix system, bash programming and C language.
2022 – 2024	🔖	**Statistics and Probabilities (UGA)**, Teaching assistant. Basics of probabilities, standard probability laws, descriptive statistics, estimation, hypothesis testing.

Skills

Languages	🔖	English (fluent), French (mother tongue).
Coding	🔖	Python, R, C++, LaTeX
Misc.	🔖	Academic research, teaching, training, consultation, LaTeX typesetting and publishing.