

Flore Sentenac

PhD Student, CREST, ENSAE Paris

+33 6 74 90 26 36

✉ flore.sentenac@polytechnique.edu

<https://floresentenac.github.io/>

Work Experience

Research

09/19– **PhD Student**, CREST, ENSAE Paris, Palaiseau.

PhD title : "Online Matching in Random Graphs".

Supervisor : Vianney Perchet.

04/19–08/19 **Master Thesis**, ICM (Institut du Cerveau et de la Moelle Epinière), Paris.

Bayesian mixed-effects models.

04/17–08/17 **Research Internship**, Polytechnique Montréal.

Machine Learning for Integer Linear Programming, under the supervision of Andrea Lodi.

Teaching

09/20– **Teaching Assistant**, ENSAE Paris.

Statistics, Functional Analysis, Machine Learning.

Miscellaneous

09/17–05/18 **Elum Energy**, R&D Internship, Paris.

Solar production prediction, Optimization of energy systems.

Education

2018–2019 **Master 2 (MVA)**, École Normale Supérieure Paris-Saclay, Cachan, France.

Research oriented Master in Computer Vision and Machine Learning.

2014–2017 **Ecole Polytechnique**, Paris.

Generalist Engineering Diploma, Bachelors in Mathematics, Master 2 in Applied Mathematics.

2012–2014 **Classes préparatoires of lycée Hoche**, Versailles, France.

Mathematics and Physics (MPSI-MP*).

Publications

Accepted in peer reviewed proceedings of conferences

2021 **Pure Exploration and Regret Minimization in Matching Bandits.**

with Jialin Yi, Clément Calauzènes, Vianney Perchet and Milan Vojnovic, spotlight at *ICML 2021*.

2021 **Decentralized Learning in Online Queuing Systems.**

with Etienne Boursier and Vianney Perchet, spotlight at *NeurIPS 2021*.

2021 **Online Matching in Sparse Random Graphs.**

with Nathan Noiry and Vianney Perchet, poster at *NeurIPS 2021*.

Communications

2021 **Pure Exploration and Regret Minimisation in Matching Bandits.**

International Conference on Machine Learning 2021, spotlight (online).

2021 **Online Matching in Bipartite Graphs .**

Statistics-Econometrics-Machine Learning Seminar, CREST (online).

Skills

Code **Python, Git, LaTeX.**

Languages **French, English, Spanish (conversational), Russian, Arabic and Chinese (basics).**