

Curriculum Vitae

Louis Pujol
49 rue de Gometz
91440 Bures-sur-Yvette, France

louis.pujol@universite-paris-saclay.fr
+33685856270

Studies

- **Baccalauréat Scientifique (High School Degree)** Bagnères de Bigorre (65)
Lycée Victor Duruy 2010 - 2013
- **Classe préparatoire MPSI-MP** Toulouse (31)
Lycée Pierre de Fermat 2013 - 2015
- **Bachelor Degree, Statistics** Paris 5ème
ISUP 2016 - 2017
- **Master 1 Mathematics & Applications** Paris 5ème
Sorbonne Université 2017-2018
- **Master 2 Statistics & Machine learning,** Orsay (91)
Université Paris Saclay 2018-2019
- **PhD Thesis : Flow cytometry data clustering,** Orsay (91)
Université Paris Saclay/Inria/Metafora Biosystems nov 2019 - now

Work experiences

- **Tutor in Mathematics**
Selfemployed Since september 2015
- **Internship: Sparse online learning in high dimension** Supervisor : Olivier Wintenberger
UPMC Laboratoire de Statistique Théorique et Appliquée May to July 2017
- **TER (research project): Simes inequality and multiple testing** Supervisor : Etienne Roquain
UPMC Laboratoire de probabilité et modèles aléatoires January to May 2018
- **Internship: Topological data analysis and manifold learning** Supervisor : Frédéric Chazal
INRIA Saclay - team Datashape May to July 2018
- **Internship: Robust PAC-Bayesian learning** Supervisor : Benjamin Guedj
University College London, CSML April to September 2019
- **PhD Thesis : Flow cytometry data clustering,** Supervisors : Marc Glisse, Pascal Massart
Université Paris Saclay/Inria/Metafora Biosystems nov 2019 - now

Publications

- **ISDE : Independence Structure Density Estimation (L. Pujol)**
Submitted
- **Still no free lunches: the price to pay for tighter PAC-Bayes bounds (B. Guedj, L. Pujol)**
Accepted for publication at Entropy