

François Bachoc

(One-page CV - September 2024)

Current and previous positions

- 2015 - present **Tenured assistant professor ("Maître de conférences")**, University Paul Sabatier, Institut de Mathématiques de Toulouse (France).
- 2013 - 2015 **Post-doctoral fellow**, University of Vienna, Institute for Statistics and Operation Research.
- 2010 - 2013 **PhD student**, University Paris Diderot, LPMA (probability and random model laboratory) and CEA (French atomic energy commission).

Education

- 2018 **French Habilitation**, University Paul Sabatier.
- 2010 - 2013 **PhD in Statistics**, University Paris Diderot, *first class honours*.
- 2005 - 2010 **Classes préparatoires, Bachelor of science, Master of Science**, Supélec, Ecole Centrale Paris, Ecole Normale Supérieure de Cachan, *first class honours*.

Research interests

Mathematical and computational statistics, machine learning, industry applications.

Award

- 2024-2029 **Junior member of Institut Universitaire de France**. Top 10% of French faculties.

Publications

- 56 articles in international journals (including annals of statistics, bernoulli, biometrika, IEEE transactions on information theory, SIAM journal on mathematics of data science).
- 8 international conference articles (including AISTATS oral, NeurIPS).

Third-party funds

Principal investigator of 2 projects (€350 000 and €200 000). Co-investigator of 10 projects.

Student supervision

4 post-doctoral fellows, 10 PhD students (1 thesis price), 8 master students.

Main responsibilities

- 2021-present Associate Editor of Journal of multivariate analysis.
- 2015-present About 10 journal reviews per year in statistics, machine learning and applied mathematics.
- 2015-present Conference and workshop organizations.
- 2016-present In charge of programs "engineering" and "statistics and data science" at University Paul Sabatier.
- 2021-present Member of the "Cellule valorisation" and "Collège scientifique" at University Paul Sabatier.

Teaching

- Nominal load of 160 hours per year.
- Diverse experience at bachelor and master level, in mathematics, statistics, applied probability and machine learning, theoretical and computational.