François Bachoc

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University Paul Sabatier
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Born December, 1986, French citizen

(One-page CV - August 2022)

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

Statistics and machine learning: Gaussian processes, uncertainty quantification, post-selection inference, industrial applications.

Publications

- 44 articles in international journals (including annals of statistics, bernoulli, biometrika, IEEE transactions on information theory, SIAM journal on mathematics of data science).
- 5 international conference articles (including AISTATS oral, NeurIPS).
- 9 preprints, 3 book chapters, 5 national conference proceedings.

Third-party funds

Principal investigator of 1 project (€200 000). Co-investigator of 7 projects (€50 000 - €200 000).

Student supervision

3 post-doctoral fellows, 7 PhD students (one thesis price), 7 master students.

Main responsabilities

- About 10 journal reviews per year in statistics, machine learning and applied mathematics.
- Conference and workshop organizations.
- In charge of track "engineering" of Mathematics bachelor at University Paul Sabatier (2016-2018).
- In charge of the program "statistics and computer science for decisions" at University Paul Sabatier (2019-2022 bachelor and 2022-present master).
- Member of the "Cellule valorisation" and "Collège scientifique" at University Paul Sabatier (2021-present).

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.