Noé Fellmann, PhD student in applied mathematics

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🌐 Site web

Employment History

2021 – 2024   🔖 **PhD student,** Ecole Centrale de Lyon, IFP Energies Nouvelles, CIROQUO.

2021   🔖 **Intern,** Ecole Centrale de Lyon,

2020   🔖 **Intern,** University of Manchester.

Education

2021 – 2024   🔖 **PhD,** Ecole Centrale de Lyon, IFP Energies Nouvelles, CIROQUO.
Thesis title: *Sensitivity Analysis for robust optimization.*

2018 – 2021   🔖 **Master in Applied Mathematics,** Université Claude Bernard, Lyon.
Master name: *Maths en actions.*

🔖 **General engineering degree,** Ecole Centrale de Lyon.
Option name: *Mathematics and Decision-Making.*

Research Publications

Journal Articles

1   N. Fellmann, C. Blanchet-Scalliet, C. Helbert, A. Spagnol, and D. Sinoquet, "Kernel-based sensitivity analysis for (excursion) sets," 2023. arXiv: `2305.09268` [`math.ST`].

Oral presentations

Conferences

2023   👥 **GdR MASCOTNUM**, Le Croisic, Poster.   🔗   📕

👥 **UNCECOMP**, Athens (Greece), Talk in the mini-symposium *Surrogate modelling and data-driven approaches for uncertainty quantification.*   🔗   📕

Seminars, workshops, research school...

2022   👥 **Mexico**, INRAE Cestas Bordeaux (France).   🔗   📕

👥 **Ciroquo**, INRIA Grenoble (France).   🔗   📕

👥 **ETICS**, Corse (France).   🔗   📕

👥 **Ciroquo**, BRGM, Orléans (France).   🔗   📕

2023   👥 **LIKE23**, University of Bern (Switzerland).   🔗   📕   📄

👥 **Ciroquo**, INRIA Saclay (France).   🔗   📕

Teaching experience

2021   📄 **Statistics tutorials, L3 level** Ecole Centrale de Lyon.

2022   📄 **Applied analysis tutorial, L3 level** Ecole Centrale de Lyon.

Teaching experience (continued)

2022 – 2023	📗	**Statistics applied to engineering sciences, M2 level** Ecole Centrale de Lyon.
2023	📗	**Probability and Statistics, L3 level** Ecole Centrale de Lyon.

Skills

Languages	📗	French and English (TOEFL ITP 633).
Coding	📗	R, Python, Matlab, LaTeX.