
Education

- 10/2021- **PhD student**, *Generalized optimal transport problems, static and dynamic*, under the supervision of Nicolas Juillet
Université de Haute-Alsace, Mulhouse (France)
- 2021 **Master's Degree in Science and Technology**, *Fundamental Mathematics*
UFR de Mathématique et d'Informatique, Strasbourg (France)
- 2019 **Agrégation de Mathématiques (option A)**, *Competitive secondary-school and university teaching degree*
UFR de Mathématique et d'Informatique, Strasbourg (France)
- 2014-2017 **Bachelor's Degree in Science and Technology**, *Mathematics*
UFR de Mathématique et d'Informatique, Strasbourg (France)
- 2014 **Baccalauréat Scientifique, option AbiBac**, *joint French and German Highschool degree (Baccalauréat and Abitur)*
Lycée Leclerc, Saverne (France)

Talks and communications

- 01/2024 **Seminar**, *Décomposition pour le transport L^1 sur la droite réelle*, opening conference of the ANR project SOCOT
Gunsbach (France)
- 09/2023 **Conference**, *Decomposition of optimal transport plan for the distance cost on the real line*, Conference *New Monge Problems and Applications*
Université Gustave Eiffel, Paris (France)
- 06/2023 **Young mathematician seminar**, *Un résultat de structure sur les solutions d'un problème de transport optimal*, MATHéOR Days (annual meeting between young researchers from Strasbourg and Mulhouse)
Sewen (France)
- 06/2023 **Seminar**, *Une brève introduction au transport optimal*, seminar of the IRIMAS institute
Université de Haute-Alsace, Mulhouse (France)
- 05/2023 **PhD seminar**, *A gentle introduction to entropic optimal transport*, PhD seminar of *Centre for Mathematical Sciences*
Centre for Mathematical Sciences, Lund (Sweden)
- 12/2022 **PhD seminar**, *A brief introduction to entropic optimal transport*, PhD seminar *Insalate di Matematica*
University of Milano-Bicocca, Milano (Italy)
- 06/2022 **PhD seminar**, *Transport optimal entropique*, PhD seminar of the IRMA Institute
Institut de Recherche Mathématique Avancée, Strasbourg (France)
- 04/2022 **PhD seminar**, *Une introduction au transport optimal entropique*, PhD seminar of the IRIMAS Institute
Université de Haute-Alsace, Mulhouse (France)

Participation in conferences and research schools (without a talk)

- 09/2024 **Workshop** in Calculus of Variations, 5 days.
Hausdorff Center für Mathematik, Bonn (Germany)
- 06/2024 **Colloquium**, *GDR Calva meeting*, workshop in Calculus of Variations, 5 days
Polytech Lille, Lille (France)
- 12/2022 **Workshop**, *Jeunes Mathématicien.ne.s en Géométrie et Analyse*, 2 days
Université de Haute-Alsace, Mulhouse (France)
- 07/2022 **Summer school**, *Transport in Physics, Biology and Urban traffic*, CEMRACS (1 week)
Centre International de Rencontres Mathématiques (CIRM), Luminy (France)
- 06/2022 **Summer school**, *PIMS- IFDS- NSF Summer School on Optimal Transport*, 10 days
University of Washington, Seattle (USA)
- 05/2022 **Seminar**, *Journées de probabilités 2022*, one week
VVF d'Orbey (France)
- 03/2022 **Conference**, *Les sciences dans tous les sens : sœurs jumelles ou sœurs ennemies ?*
Université de Haute-Alsace, Mulhouse (France)
- 01/2022 **Masterclass**, *Maths+Econ+Code*, one week of lectures on applications of optimal transport in economy (with coding)
- 12/2021 **Colloquium**, *GDR Calva meeting*, workshop in Calculus of Variations, 3 days
Institut Elie Cartan de Lorraine (IECL), Nancy (France)
- 11/2021 **Conference**, *Schrödinger Problem and Mean-field PDE Systems: Computational and Theoretical Advances*, one week
Centre International de Rencontres Mathématiques (CIRM), Luminy (France)

Teaching activities

- Spring 2022-2023 **Lecturer in differential calculus**, 2×28 h, First year of Engineering School (ENSCMU in 2021 and ENSISA in 2022)
- Spring 2023-2024 **Lecturer in probability**, 2×22 h, Second year of Engineering School and selective bachelor promotion (ENSCMU and L2 renfort)
- Spring 2022-2023 **Recitations in probability and statistics**, 2×12 h, Third year of Bachelor in chemistry and physics (ENSCMU and L2 renfort)
- Fall 2021 **Recitations in probability**, 2×12 h, First year of a two-year college course (B.U.T.)
- Fall 2021-2022 **Recitations in probability (linear model)**, 2×12 h, Fourth year of Engineering School ENSISA

Other activities

- 07/2024 **Conference organizer**, *MAThEOR Days*, Conference for PhD students and young researchers of Alsace and surroundings
Université de Haute-Alsace and Université de Strasbourg, Sainte-Marie-aux-Mines (France)
- 10/2023 **Diffusion of science**, *Fête de la science*
Mulhouse (France)
- 06/2023 **Conference organizer**, *MAThEOR Days*, Conference for PhD students and young researchers of Alsace and surroundings
Université de Haute-Alsace and Université de Strasbourg, Sewen (France)

- 11/2022 **Diffusion of science**, *Conférence mathémagique*, on Magic Squares and the Hungarian algorithm (broad audience)
Université de Haute-Alsace, Mulhouse (France)
- 2022-2023 **Diffusion of science**, Math workshop in Middle School, MATH.en.JEANS (6 months)
Middle school “Bel-Air”, Mulhouse (France)
- 06/2022 **Diffusion of science**, *Nuit des jeux mathématiques*, mathematical games for a broad audience
Fonderie, Mulhouse (France)
- 03/2022 **Diffusion of Science**, Math workshop in a Primary School, (2h)
Middle school “Les Lilas”, Cernay (France)
- 2022-2024 **Elected representative**, *Research committee of the university*
Université de Haute-Alsace, Mulhouse (France)
- 2022-2024 **Elected representative**, board of the IRIMAS laboratory
Université de Haute-Alsace, Mulhouse (France)
- 2022-2024 **Elected representative**, *Disciplinary Commission*
Université de Haute-Alsace, Mulhouse (France)
- 2021-2022 **Creation and animation of a PhD seminar**, *Creation of a weekly interdisciplinary PhD seminar associated to the laboratory IRIMAS*

Other skills

- Languages **French (Mother tongue), English (proficient), German (proficient)**
- Programming **L^AT_EX, Python, Excel, R.**