

Education

- 2022- **PhD in Mathematics**, *Institut de Recherche Mathématique Avancée*, Université de Strasbourg, France
- 2018-2022 **Student at the Ecole Normale Supérieure**, *Mathematics department*, Paris
- 2020-2021 **Master's degree in Mathematics**, *Sorbonne Université*, Paris, France
- 2018-2019 **Bachelor's degree in Physics**, *Université Paris-Sud*, Gif-sur-Yvette, France

Research internships

- June 2019 - **Internship at ESPCI**, *Percolation models applied to lattices of active particles*, Paris
July 2019
- March 2020 - **Internship at Tokyo University**, *Homogenous spaces and Morse theory*, Tokyo, with Prof.
July 2020 Toshiyuki Kobayashi
- March 2021 - **Internship at Sorbonne University**, *Master's internship on quasi-fuchsian representations in*
June 2021 $SO(n, 2)$, with Prof. Andres Sambarino

Teaching experience

- 2022-2025 **Elementary mathematics applied to science**, *Algebra*, Université de Strasbourg
- 2022-2025 **Group theory**, *Exercise session*, Université de Strasbourg
- 2024 **Supervisor at APEX math camp**, Reșița, Romania
- 2021-2022 **Oral examination in preparatory classes**, *Lycée Janson de Sailly*
- 2022, 2023 **Teacher in the "Rendez-vous des jeunes mathématiciennes et informaticiennes"**,
Strasbourg
- 2022 **Member of the TFJM jury**, *Strasbourg*

Publications and Preprints

- 2024 **Global hyperbolicity in higher signatures**, Roméo Troubat
- 2024 **Connected components of the space of triples of transverse partial flags in $SO(p, q)$ and Anosov representations**, Clarence Kineider, Roméo Troubat

Talks

- 20/11/2024 **Connected components in triples of partial flags**, *Université Paris-Saclay*, Gif-sur-Yvette
- 05/11/2024 **Global hyperbolicity in higher signatures**, *Max Planck Institute for Mathematics in the Sciences*, Leipzig
- 2023 **Global hyperbolicity in higher signatures**, *Institut Fourier*, Grenoble

Administrative roles

- 2023-2024 **Organisor of the PhD seminar**, *Institut de Recherche Mathématique Avancée*, Strasbourg
- 2024 **Coorganiser of the workshop "Non-abelian Hodge correspondance"**, *Institut de Recherche Mathématique Avancée*, Strasbourg