

Lauriane TURELIER

Curriculum Vitae



Information

Age 26 years old (03/08/1999)
Nationality French
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Education

Since 10/2023 **PhD in Mathematics. Title: Ferromagnetism and domain walls in nanowires.**, *Institut de Recherche Mathématique Avancée, UMR 7501 University of Strasbourg, France*, Supervisor: R. Côte (IRMA, University of Strasbourg) and C. Courtès (IRMA, University of Strasbourg).
2022-2025 **Graduate Program "Mathematics and applications: research and interactions"**, *Mathematics and Computer Science Faculty*, Strasbourg, France
2022-2023 **Research Master : PDE and learning**, *Mathematics and Computer Science Faculty*, Strasbourg, France

Professional experience and internships

since 10/2023 **Management of Cercle Mathématiques**, *a math club for high-school students*, University of Strasbourg
since 10/2024 **Lectures in mathematics**, *sequences and series of functions for 2nd year of Bachelor in mathematic*, University of Strasbourg
02/2023 - 09/2023 **Master Internship 2nd year**, *Mathematics and Computer Science Faculty*, Strasbourg, France, Under the supervision of R.Côte and C. Courtès
Topic: Stability of solitons (Schrödinger equation) and Domain Wall (Landau-Lifshitz-Gilbert equation).
june 2021 **Master Internship 1st year**, *Inria*, Nancy, France, Under the supervision of P.Zimmermann
Topic: Extension of the SLZ algorithm to bivariate functions.

Miscellaneous

In 2025 **Member of the RJMI organization**, *Meeting of young girl mathematicians and computer scientists*, University of Strasbourg
In 2025 **Supervision of a team for the TFJM²**, *mathematic competition of high-school student*, University of Strasbourg