

Ulysse Mounoud

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EDUCATION

University of Montpellier

PhD in Mathematics

- Supervisor: Clément Dupont
- Subject: “Motives of Feynman amplitudes in momentum space”

Montpellier, FRANCE

2023 – 2026

ENS Ulm

Student at the Department of Mathematics

Paris, FRANCE

2019 – 2023

Sorbonne Université

Master in pure mathematics – mention très bien (very good)

Paris, FRANCE

2021 – 2022

Lycée Louis le Grand

CPGE MPSI/MP

Paris, FRANCE

2017 – 2019

RESEARCH INTERNSHIPS

Mathematical Institute

Research internship during 4th year at ENS

- Advisor: Matija Tapuskovic
- Subject: Motives for Feynman integrals

Oxford, UK

April 2023 - June 2023

University of Montpellier

Master thesis and 4th year at ENS

- Advisor: Clément Dupont
- Subject: Feynman integrals and cohomology

Montpellier, FRANCE

April 2022 – March 2023

University of Bordeaux

Undergraduate internship

- Advisor: Yohan Brunebarbe
- Subject: Genus of algebraic curves

Bordeaux, FRANCE

March 2021 – July 2021

TEACHING

Department of Mathematics, University of Montpellier

Teaching Assistant

- Directed exercise sessions in linear algebra and real analysis for 1st year students

Montpellier, FRANCE

2023-2025

EVENTS ORGANIZED

Winter School

Motives in Montpellier

- Co-organised the event with Clément Dupont, Nikola Tomic and Sofian Tur-Dorvault.

University of Montpellier

19-23 January 2026

PhD students' Research Seminar

“Séminaire des doctorant.e.s”

- Co-organized IMAG's PhD students seminar for a year

IMAG, University of Montpellier

2023-2024

CONFERENCES AND WORKSHOPS ATTENDED

ANR meeting <i>Meeting of the ANR CYCLADES on algebraic cycles, motives, periods, and cohomology</i>	IMB, Bordeaux 15-17 April 2026
ESI Program <i>Amplitudes and Algebraic Geometry</i>	ESI, Vienna 16-27 February 2026
Youngstars workshop <i>Single-valued Periods in Scattering Amplitudes</i> <ul style="list-style-type: none">• Gave a talk on "Motivic Coaction on One-loop Feynman Integrals"	MITP, online 14-16 January 2026
JAVA "Arbeitsgemeinschaft" <i>Unlikely Intersections, O-minimal Geometry, and Torsion Points on Abelian Varieties</i> <ul style="list-style-type: none">• Gave one of the talks.	Maison Clément 30 June - 4 July 2025
Workshop <i>Polylogarithms, homology of linear groups, and Steinberg modules</i>	SwissMAP Research Station, Les Diablerets 8-13 June 2025
Topical workshop <i>Motivic Structures in Feynman Integrals</i> <ul style="list-style-type: none">• Gave a short presentation of my work on "Motivic one-loop Feynman integrals in momentum space".	Trinity College Dublin 14-16 April 2025
ANR meeting <i>Meeting of the ANR CYCLADES on algebraic cycles, motives, periods, and cohomology</i>	IRMA, Strasbourg 13-15 January 2025
MIAPbP Program <i>Special Functions: from Geometry to Fundamental Interactions</i>	MIAPbP, Garching bei München 12-23 August 2024
Topical Workshop <i>Elliptics and Beyond '24</i> <ul style="list-style-type: none">• Gave a talk on "Motives for Feynman integrals in Momentum Space"	MIAPbP, Garching bei München 6-8 August 2024
JAVA "Arbeitsgemeinschaft" <i>Irrationality, Unramified cohomology and hypersurfaces</i>	Maison Clément 8-12 July 2024
Conference <i>Topology and arithmetic of moduli spaces of curves</i>	University of Montpellier 13-17 May 2025
Conference <i>Motives in Mainz</i>	University of Mainz 18-22 March 2024
Mini-workshop <i>Hodge theory, o-minimality and tropical geometry</i>	BBAW, Berlin 30-31 October 2023
Conference <i>Motives, quadratic forms and arithmetic</i>	Lens 24-28 October 2022
Summer school <i>Recent perspectives on Hodge Theory</i>	Centro di Giorgi, Pisa 19-23 September 2022
Summer school <i>Motives and Arithmetic Groups</i>	IRMA, Strasbourg 13-17 June 2022

LANGUAGES

French – native
English – fluent
Spanish – beginner
Icelandic – basic