



Accepted for publication

- 2024 **Étale motives of geometric origin.**, joint with Raphaël Ruimy, accepted for publication in Bull. Lond. Math. Soc. DOI:10.1112/blms.70085
- 2023 **On the Nori and Hodge realisations of Voevodsky motives**, accepted for publication in *Compositio Mathematica* <https://arxiv.org/abs/2309.11999>
- 2024 **Mixed Hodge modules on stacks.**, accepted for publication in *Forum Math. Sigma* <https://www.arxiv.org/abs/2407.02256>

Preprints

- 2024 **Artin motives in relative Nori and Voevodsky motives**, <https://arxiv.org/abs/2409.12841>
- 2024 **Nori motives (and mixed Hodge modules) with integral coefficients.**, joint with Raphaël Ruimy, <https://arxiv.org/abs/2407.01462>

PhD Thesis

- 2022-2025 **PhD with Sophie Morel**, at the UMPA, ÉNS de Lyon, Relative Nori motives and realisation functors

Scientific talks

- May and September 2025 **Short Course at Strasbourg University**, I will give four lectures on the Hodge realisation and applications at Strasbourg University, Strasbourg, invited by Lie Fu and Mauro Porta.
- January 2025 **AG Seminar**, Regensburg, Higher enhancements of mixed Hodge modules.
- December 2024 **Seminar, Algebra and Geometry**, Stockholm, Higher enhancements of mixed Hodge modules.
- November 2024 **Motivic homotopy theory and interactions conference**, Luminy, Integral Nori motives.
- October 2023 **Journées de rentrée de l'ANR HQDIAG**, Grenoble, Hodge and Nori realisations of Voevodsky étale motives.
- September 2024 **Arithmetic Geometry Seminar**, Milan, Higher enhancements of mixed Hodge modules.
- November 2023 **Oberseminar: Algebraische Geometrie**, Zürich, Higher enhancements of Nori motives and realisation functors.

Teaching

- 2024-2025 **TA at the ÉNS de Lyon**, *Teaching assistant for the exercise sessions of the classes M1 Algèbre Avancée (given by François Brunault) and M1 Géométrie Algébrique (given by Philippe Eyssidieux).*
- 12-16 july 2021 **TA at the PCMI summer school**, *Teaching assistant for Frédéric Déglise course Orientation in motivic homotopy theory*
- Spring 2024 **Supervising the intership of a bachelor student**, *Mentored the student Bilal Bounajma for his EPFL bachelor project.*
- 2023-2024 **TA at the ÉNS de Lyon**, *Teaching assistant for the exercise sessions of the class M1 Géométrie Algébrique (given by Philippe Eyssidieux)*
- 2022-2023 **TA at the ÉNS de Lyon**, *Teaching assistant for the exercise sessions of the classes L3 Algèbre 2 (given by François Brunault) and M1 Géométrie Algébrique (given by Philippe Eyssidieux).*

Research Schools

- 12-16 july 2021 **Graduate Summer School at the PCMI, IAS**, *Motivic Homotopy*
<https://www.ias.edu/pcmi/2021-graduate-summer-school-course-descriptions>
- 10-21 July 2023 **Summer School at the IHÉS**, *Recent Advances in Algebraic K-thory*
<https://indico.math.cnrs.fr/event/8837/>
- 27-31 March 2023 **Research School at the CIRM**, *Condensed mathematics*
<https://conferences.cirm-math.fr/2871.html>

Before the PhD.

- March 2022–May 2022 **Internship at the IHÉS**, *with Joseph Ayoub*, Reading Simon Pépin Lehalleur's PhD thesis *Triangulated categories of relative 1-motives*
- February 2022 **Intership in Milan, Italy**, *with Joeph Ayoub*, Reading Simon Pépin Lehalleur's PhD thesis *Triangulated categories of relative 1-motives*
- 11/09/2021–21/12/2021 **Internship in Leiden, Netherland**, *with Remy von Dobben de Bruyn*, Reading on the proofs of the Weil conjecture (Weil II by Deligne, Kiehl-Weissauer's book), and on perverse sheaves (with the Beilinson-Berstein-Deligne)
- Spring-Summer 2021 **M2 intership**, *with Sophie Morel*, Nori 1-motives, Readind the paper *Nori 1-motives* by Joseph Ayoub and Luca Barbieri Viale and the book *Periods and Nori motives* of A. Huber and S. Müller-Stach, and other paper on the subject
- 2019–2020 **M2**, *ENS de Lyon*, Advanced mathemathics master, Arithmetic Geometry cursus
- 2018–2019 **M1**, *ENS de Lyon*, Specializing in algebraic geometry and number theory
- 2017–2018 **L3**, *ENS de Lyon*, Mathematic bachelor
- 2017 **Admission to the ENS de Lyon**
- 2015–2017 **CPGE**, *Lycée Chaptal, Paris*, *Math sup/math spé*

Languages

French, *native*
English, *fluent*
Spanish, *B2*