

Margot Bruneaux

Ph.D Student

*Institut Camille Jordan
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Research Interest

Algebraic geometry

Education

- Spring 2026 **Expected Ph.D. Defense**
- 2023–2026 **Ph.D. in Mathematics**, *Université Claude Bernard Lyon 1*, Lyon, France,
Under the supervision of Philippe Gille and Paolo Bravi ; also affiliated with the
Institute of Mathematics of the Romanian Academy (IMAR), Bucharest
- 2018–2023 **Studies at the École Normale Supérieure (ENS), Paris**
- 2022–2023 Diploma of the ENS.
- 2019–2021 Master's degree in Fundamental Mathematics at Sorbonne University,
mention Très bien.
- 2018–2019 Bachelor's degree in Mathematics at the Department of Mathematics and
Applications (DMA), ENS, *mention Très bien.*
- 2018 **Admitted to the École Normale Supérieure (ENS), Paris**

Teaching

- Summer 2024 **Teaching Assistant at the PCMI Summer School : *Motivic Homotopy Theory***, *Park City Mathematics Institute (PCMI)*, Park City, Utah, USA, Led
the tutorials (TD) for the course *Torsors over Affine Curves*
Instructor : Philippe Gille
- Fall Semester **Examiner in Mathematics (L2 preparatory program)**, *Institut Camille Jordan*
2023–2024 – *Université Claude Bernard Lyon 1*, Lyon, France
- 2021–2022 **Examiner in Mathematics, Sophomore Year**, *Lycée Janson de Sailly*, Paris,
France
- 2018–2019 **Examiner in Mathematics, Freshman Year**, *Lycée Louis-le-Grand*, Paris,
France

(Pre)Publications

Homogeneous spaces over an abelian variety, *arXiv:2510.15126*

Languages

French, *Native language*

English, *Intermediate / Working proficiency*

German, *Basic / School level (studied at school, not used since)*

Italian, *Advanced*