

Margot Bruneaux

Ph.D Student

Institut Camille Jordan
Université Claude Bernard Lyon 1
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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**
– 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*