

# 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 **Admis à l'École Normale Supérieure (ENS), Paris, Concours MPI**

## 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

2023–2024 **Examiner in Mathematics, Sophomore Year**, Lycée Janson de Sailly, Paris,  
France

2021–2022 **Examiner in Mathematics, Freshman Year**, Lycée Louis-le-Grand, 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*