

## Education and research experience

- 2024-2026 **Temporary Assistant, Teaching and Research (ATER)**, Aix-Marseille University  
192 hours of teaching undergraduate students.
- 2021-2024 **PhD Researcher**, Aix-Marseille University  
PhD research under the supervision of Peter Haüssinsky and Frédéric Palesi.
- 2020-2021 **Master 2, Fundamental mathematics**, Aix-Marseille University  
Dynamical Systems, Geometric Group Theory, Hyperbolic Geometry
- 2019-2020 **Master 2, INSPE**, Aix-Marseille University  
Pedagogy and didactics
- 2018 **Agrégation of mathematics**

## Teaching Experience

- 2020-2025 **University mathematics teacher**, Marseille
- 2018-2020 **High school mathematics teacher**, Marseille

## Articles submitted

- October 2024 **On some stable representations of hyperbolic groups**, *Algebraic Geometry and Topology*, <https://arxiv.org/abs/2310.19329>

## Seminars

- October 2025 **Simple-stable representations in  $PU(2, 1)$** , *Séminaire Rauzy*, Marseille
- June 2023 **Commutator-stable representations of hyperbolic groups**, *Séminaire Rauzy*, Marseille
- March 2024 **Commutator-stable representations of hyperbolic groups**, *Séminaire Théorie Spectrale et Géométrie*, Grenoble

## Conferences and Workshops

- May-June 2025 **Thematic Program**, *Higher rank geometric structures*, Paris
- May 2024 **Workshop**, *International Workshop on Higher Teichmüller Theory*, Tianjin
- March 2024 **Conference**, *Rigidity in group theory : geometric and ergodic aspects*, Orsay
- April 2024 **Conference**, *Young Geometric Group Theory XII*, Bristol
- September 2023 **Workshop**, *Diverse aspects of groups, geometry and dynamics*, Heidelberg
- February 2023 **Conference**, *Young Geometric Group Theory XI*, Münster
- October 2022 **Arbeitsgemeinschaft**, *Higher Rank Teichmüller Theory*, Oberwolfach

## Skills

### Mathematical Skills

Fields of Expertise Hyperbolic Geometry, Teichmüller Theory, Geometric Group Theory, Low-Dimensional Topology

Software Python, MATLAB, Scilab, LaTeX, GeoGebra.

### Languages

French Native speaker

English Fluent

Spanish Beginner